

Northwest Territories
Highway Traffic, 2002



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Department of Transportation
Government of the Northwest Territories
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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. Information obtained from these counts is used by the department to monitor changes in traffic flows, to classify highways, to set priorities in maintenance and capital funding, to monitor safety aspects of the highways and to optimize engineering designs. Traffic data is also used by businesses and the general public as the need arise.

This report presents the highway traffic data collected by the Department of Transportation on the territorial highway network from 1993 to 2002. This report includes traffic information collected on major highways, access roads and winter roads. The report also contains information on vehicle classifications and turning movements at selected intersections.

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 highway ferries. 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 2002.

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

In 2002, 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 (2002)

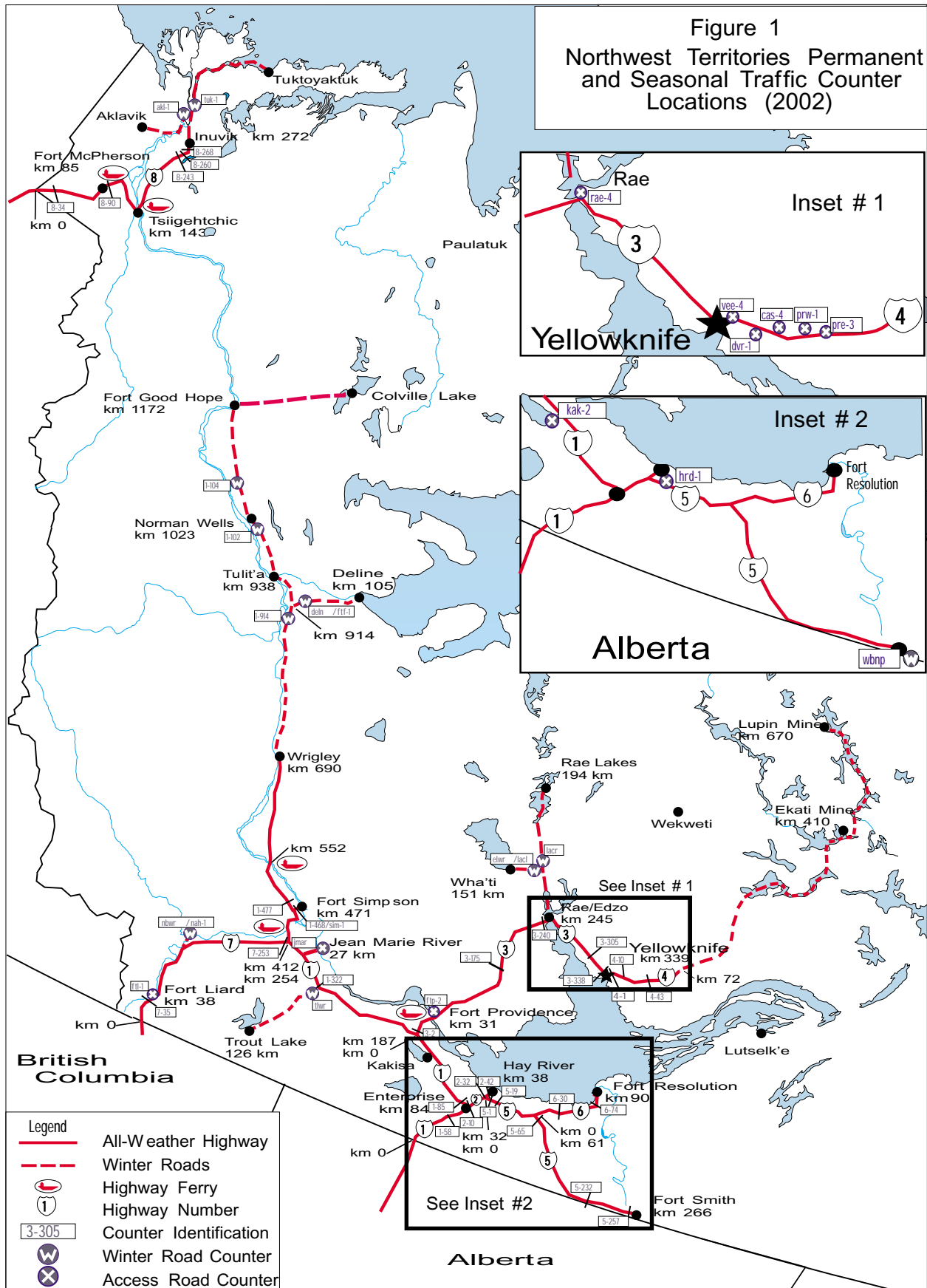


Table 1 Highway System Classification (2002)

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 four sections.

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

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

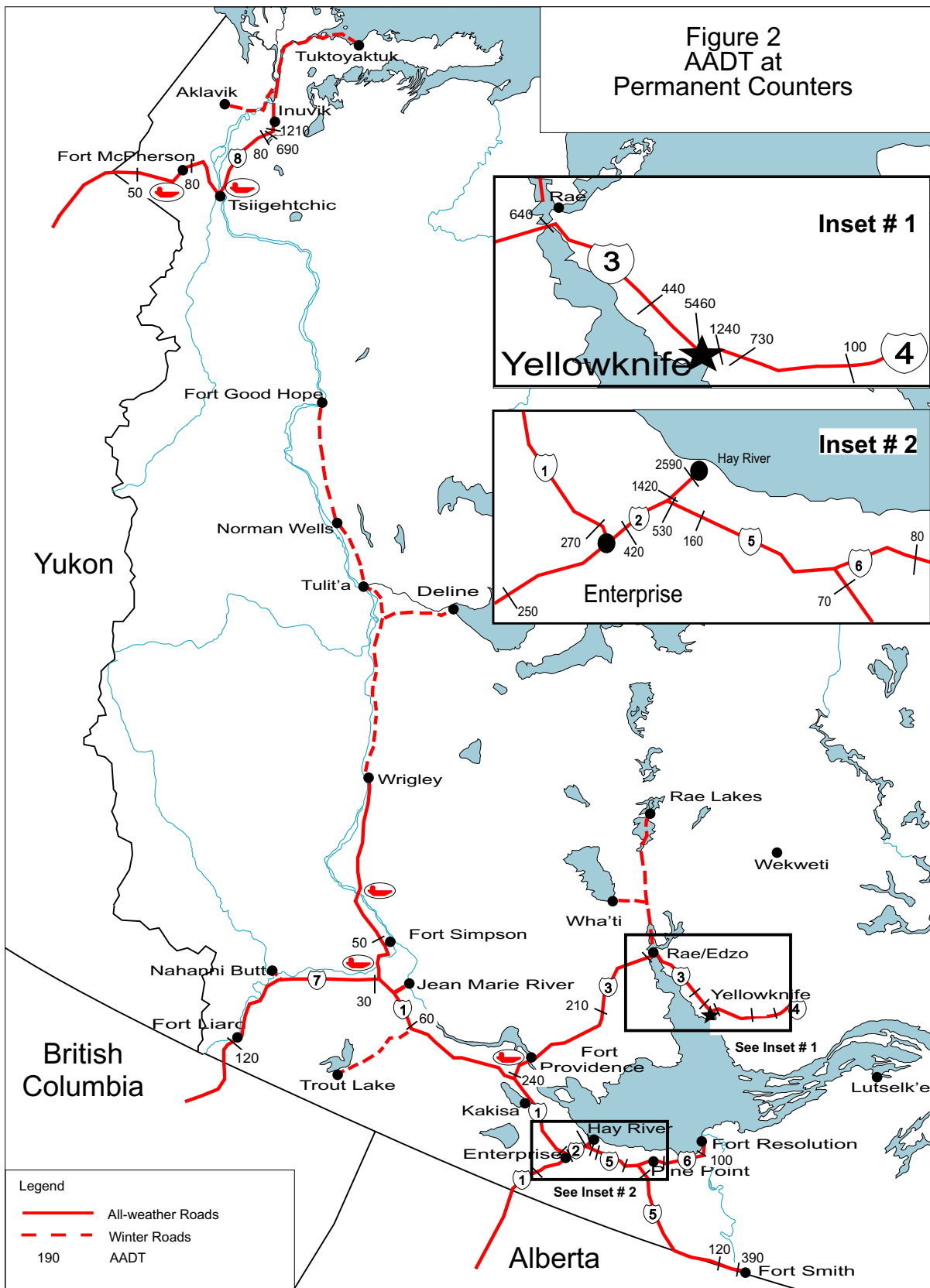
The third section presents traffic information collected on highway ferries, vehicle classification data from short-term counts, selected mining roads, and commercial vehicles from the Enterprise Weigh Scale.

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

Additional detailed traffic information is presented in the appendices.

Section 2.0

Highway Traffic Volume Data



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

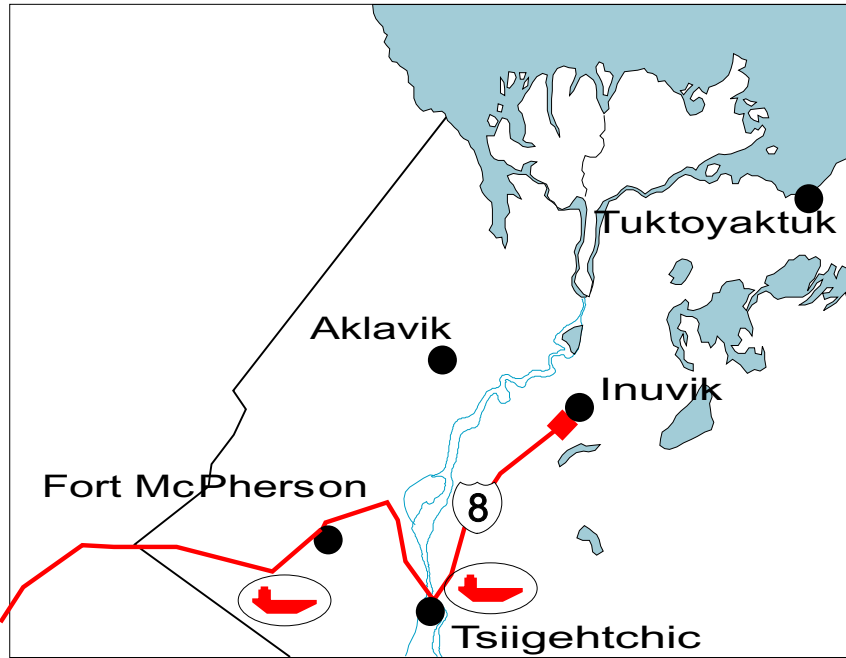


Figure 3
2002 AADT on
Highway Segments

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

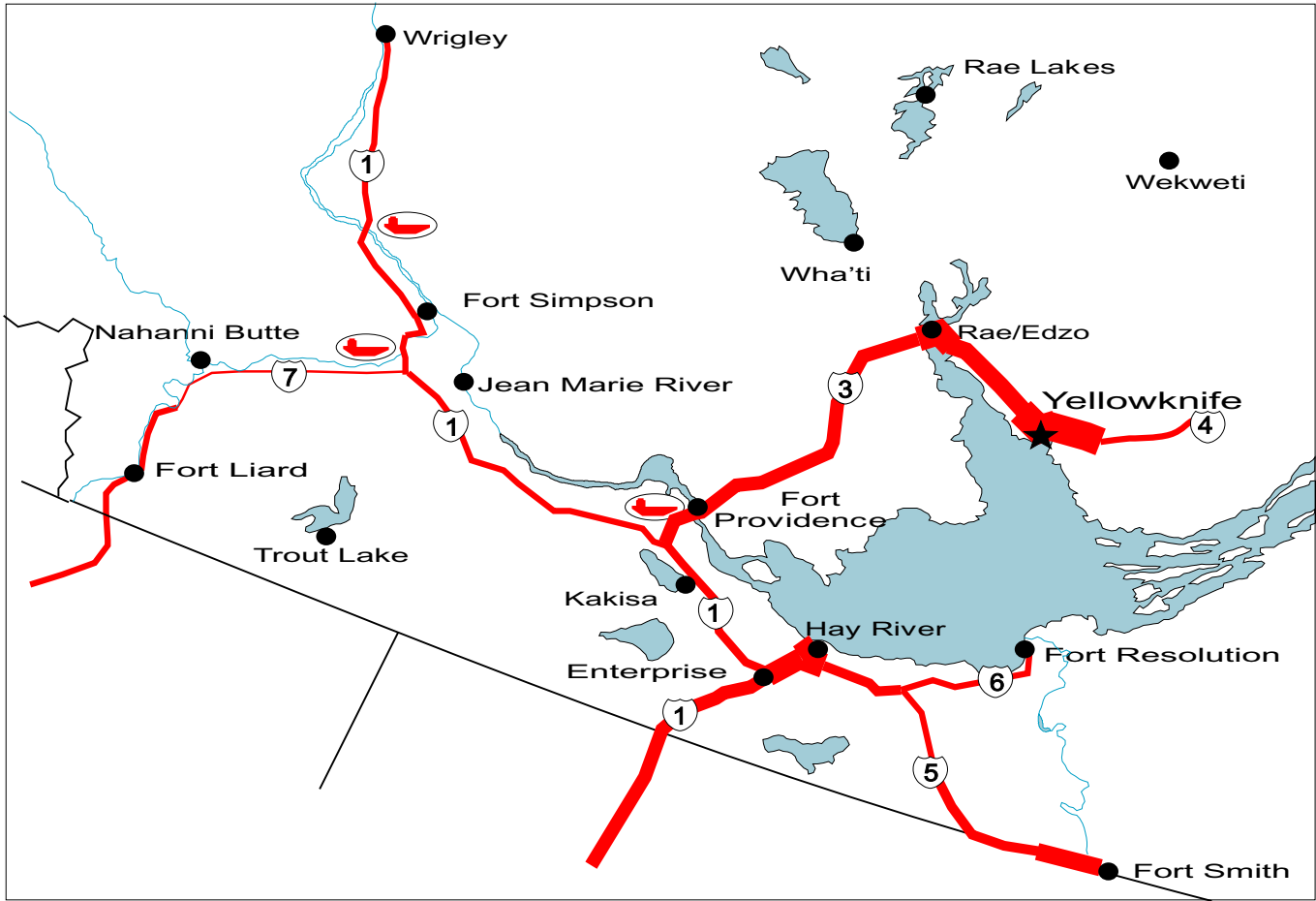


Table 4 Traffic on Northwest Territories Access Roads (sorted by counter)

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		49	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										589	
			1997							543	593	542	568				686	
			1996	283				580			686	673	582	373			588	
			1995							553	614	621	644	581	389			
			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						60	75	57	54	34	52	44	57	
			2001									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	36	36				55		
			1996							123	94	75	49	43		109		
			1995										46	34				
			1994		75	88	177	84	96	102	82	67	53			93		
1993							90	100	80	64	50	44		97				
Prelude Lake West	1	prw-1	1998							193	238	139	78	57		238		
			1997						290	290	253	141	64			280		
			1996						331	256	243	127	90	101		264		
			1995										83	50		305		
			1993								239		117	85	63		232	
Prelude Lake East	3	pre-3	2000						306							306		
			1999					283	307	261						284		
			1998															
			1997						5	88	83	74	59			86		
			1996						116	83	76	78	62	58		86		
			1995								68	65	48	29		68		
			1994								85	71	64	54		76		
1993					93	91	86		82	72			88					
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	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	2001				430					269	354							
			2000	961	991	1093	1110				911								911	
			1999	960	989	1076	1114	891												
			1998										1235	1128	976	1007			1176	
			1997	478	895	866			1100	1215	1143	1208	978							
Jean Marie River	1	jmar	2001									19	27	81						
			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		
1993	Jan 14 / 93	Mar 29 / 93			16	19	18	4		14		
Highway No. 1	1031	1-104	1998	Jan 14 / 98	Mar 16 / 98		14	10	10	9		10
			1997	Jan 14 / 97	Mar 17 / 97			66	42			54
			1996	Jan 8 / 96	Mar 20 / 96							
			1995	Jan 19 / 95	Mar 26 / 95							
			1994	Dec 29 / 93	Mar 31 / 94			19	20	24		21
Highway No. 1	951	1-951	1993	Jan 11 / 93	Mar 29 / 93		35	35	43			38
Deline / Fort Franklin	1	deln	1998	Feb 3 / 98	Mar 16 / 98		13	15				15
			1997	Feb 4 / 97	Mar 17 / 97		110	73	46			76
			1996	Jan 18 / 96	Mar 20 / 96							
			1995	Jan 20 / 95	Mar 26 / 95				39	35		37
			1994	Jan 25 / 94	Mar 30 / 94			42	19	30		30
1993					16	23	35	21		23		
Aklavik	1	akl-1	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
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.

Table 7 Truck Traffic on Selected Winter Mining Roads

Winter Road	2003		2002		2001		2000		1999		1998		1997		1996		1995		1994	
	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	Total Number	Total Tonnage of Trucks	
Lupin Mine (1)	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	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.	67,394	2,202	93,009	3,339	111,506	4,127	25,068		12,399		4,056		8,789							
Mineral Exploration Traffic	1,602	87	3,083	218	8,545	363	12,031													
Total Lupin Road	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.
- 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 16 - April 3)
 - 1994 season 76 days (February 3 - April 1)

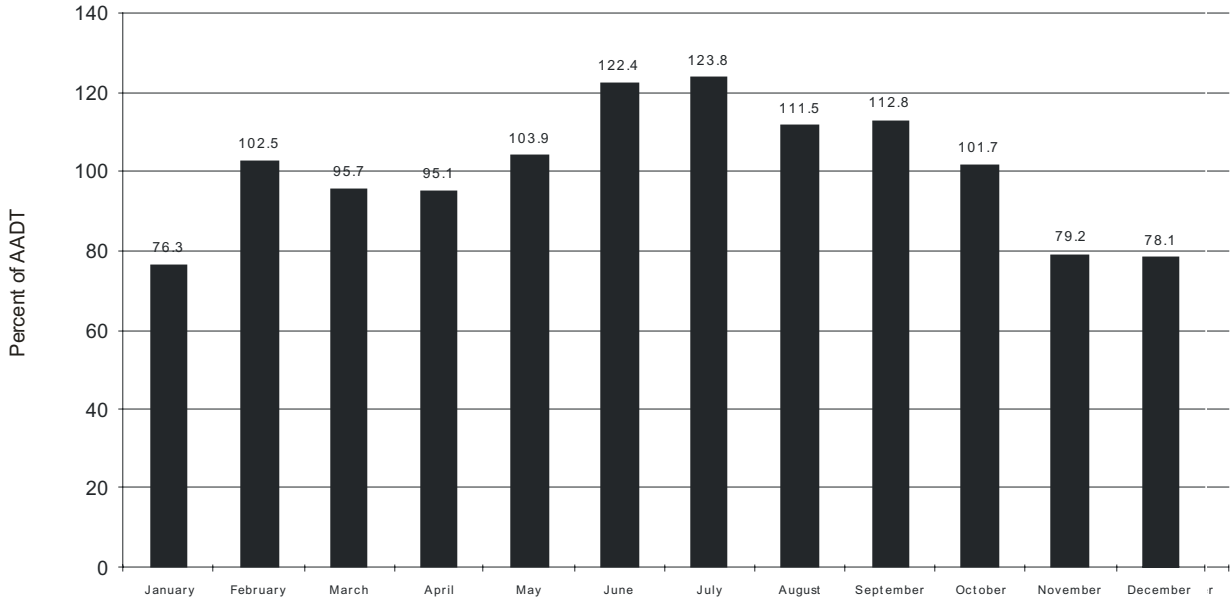
Notes: BHP Diamond Mines Ekati Mine went into production in October of 1998. Diavik Diamond Mine began construction of the mine site in 2000.

- (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)

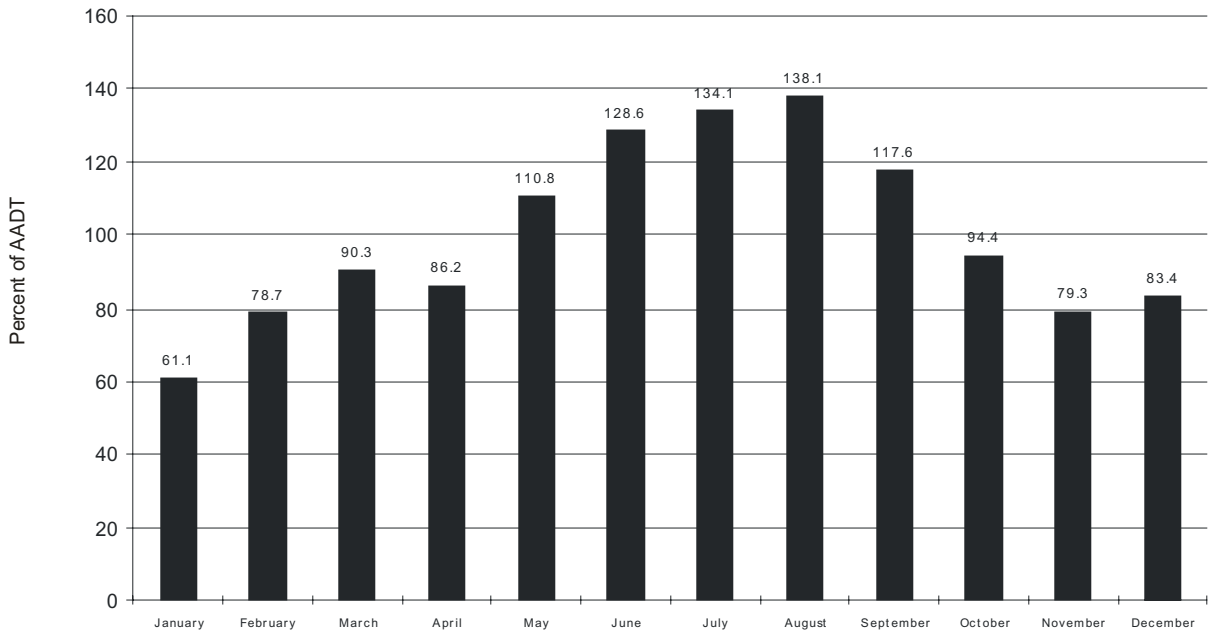
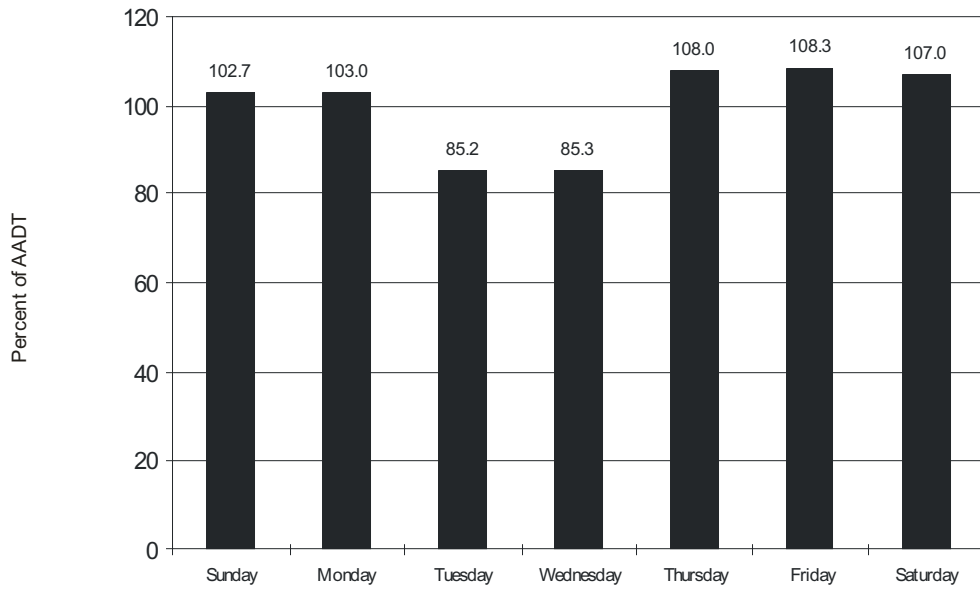


Figure 5
Distribution of Daily Traffic

Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

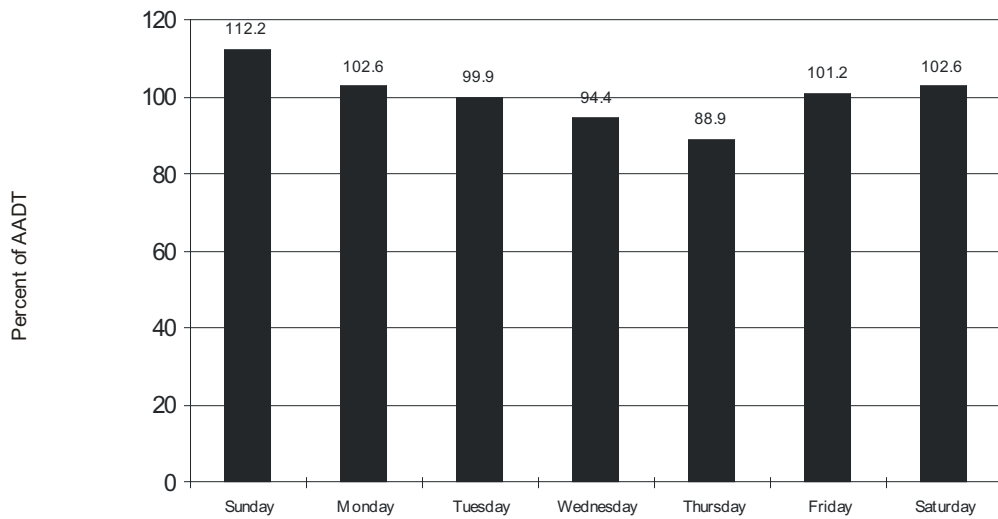
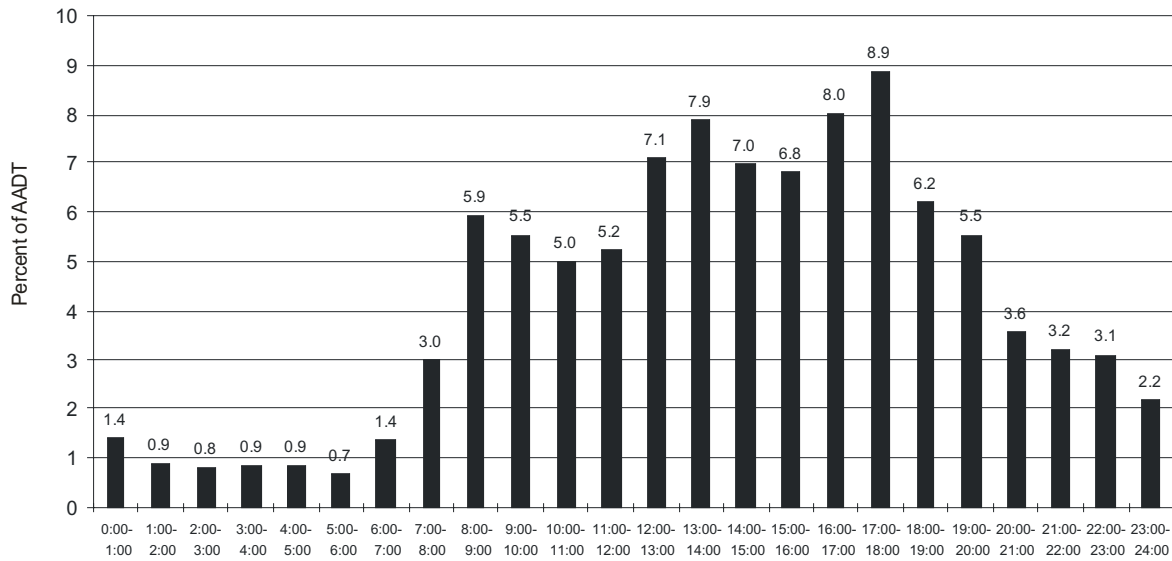


Figure 6
Distribution of Hourly Traffic

Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

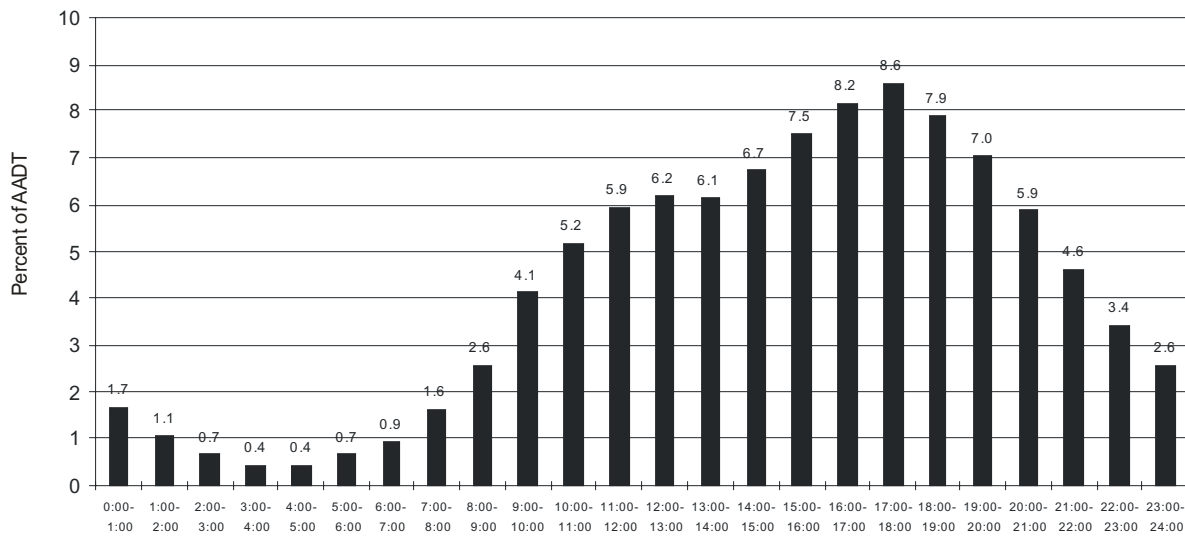


Table 8 Estimated Vehicle - Kilometres Traveled on NWT Highways (Million Vehicle-Kilometres)

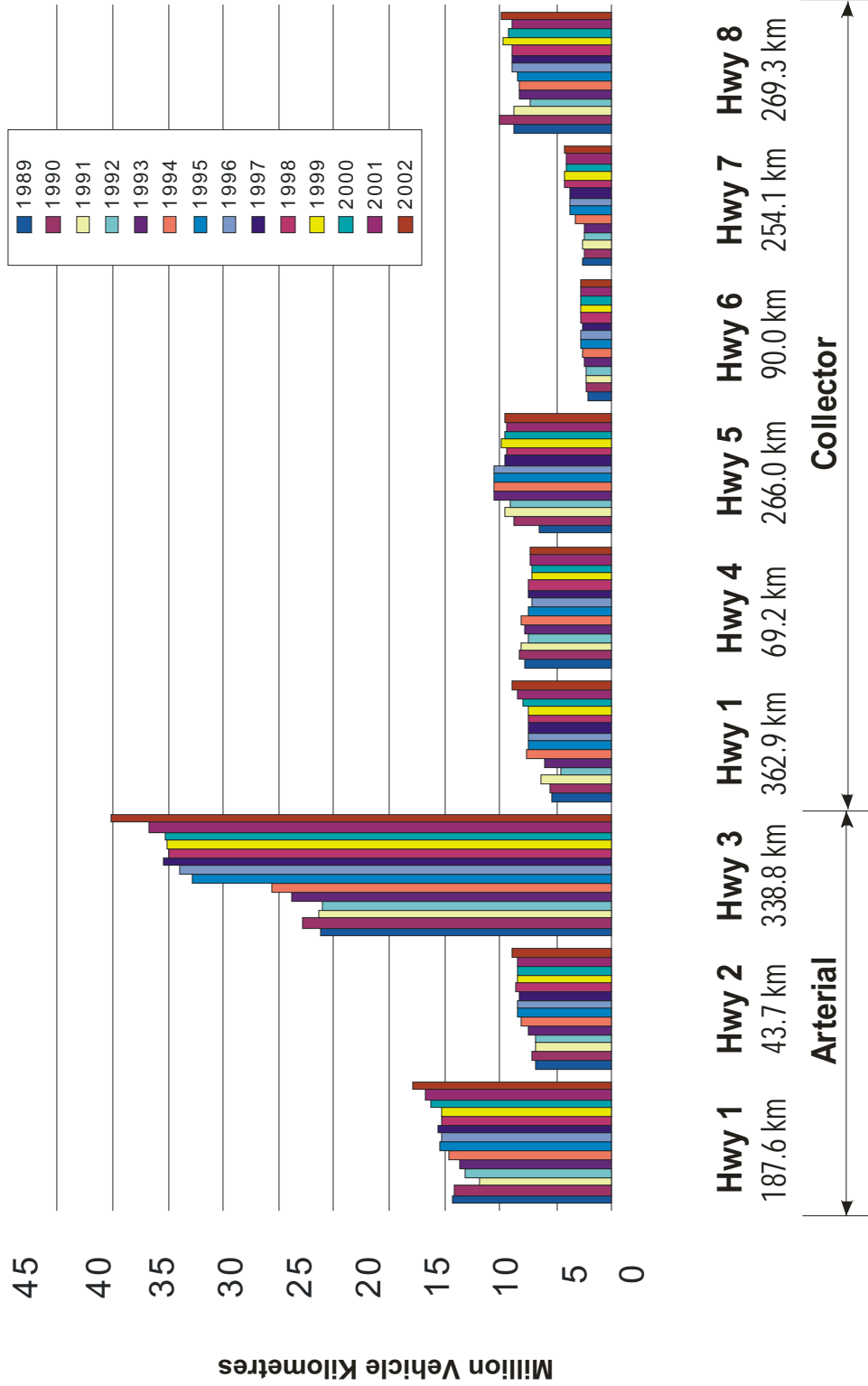
Hwy	km	Length (km)	AADT										Vehicle-Kilometres Traveled (millions)										
			2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	
1	58	Albera Border to Enterprise	84.2	250	240	230	220	210	210	210	220	210	200	7.8	7.4	7.1	6.7	6.6	6.6	6.3	6.7	6.4	6.0
1	85	Enterprise to Junction with Hwy #3	103.4	270	250	240	230	230	240	240	230	220	200	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	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	420	400	400	400	410	390	400	400	380	340	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	1420	1340	1340	1340	1340	1320	1340	1350	1310	1310	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0
		2 Arterial	43.7											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	240	220	200	190	200	240	220	220	190	170	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	190	180	180	180	190	180	180	140	130	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	640	590	570	550	560	550	550	560	530	500	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	440	410	400	390	390	390	380	350	330	310	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	5460	5060	4980	5010	4890	4690	4600	4340	3600	2860	10.6	9.8	9.6	9.7	9.5	9.1	8.9	8.4	7.0	5.5
		3 Arterial	338.8											45.2	41.7	40.3	40.1	39.9	40.5	38.9	37.8	32.0	29.0
		Total Arterial	570.1											72.1	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	50	50	50	50	50	40	40	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	230	220	200	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	50	40	40	40	40	40	40	40	50	40	1.5	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.6	1.0
		1 Collector	362.9											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	1230	1330	1460	1500	1480	1640	1810	1970	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	720	680	680	660	640	660	700	730	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	90	80	80	70	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	7.2	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	530	520	510	520	520	520	520	520	540	590	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	160	160	170	170	170	170	180	170	180	190	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	180	150	150	140	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	70	70	70	80	70	70	70	80	80	80	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	120	120	120	110	110	110	170	170	160	150	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	390	390	390	390	380	410	420	420	390	370	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6
		5 Collector	266											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	70	80	80	70	70	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	100	110	100	100	110	90	100	100	100	90	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.7
		6 Collector	90											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	110	90	90	70	60	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	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	4.1	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	40	40	40	40	40	40	50	40	40	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	90	90	90	80	80	50	50	50	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	70	80	90	80	80	80	80	70	80	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	690	630	630	630	630	590	590	620	610	600	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	1210	1120	1120	1150	1150	1070	1070	1110	1090	1070	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.5
		8 collector	269.3											9.9	9.0	9.3	9.8	9.1	9.0	9.0	8.6	8.3	8.5
		Total Collector	1311.5											43.1	41.2	41.2	41.3	40.6	40.2	41.2	40.8	40.5	38.5
		Total vehicle kilometres travelled												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%)

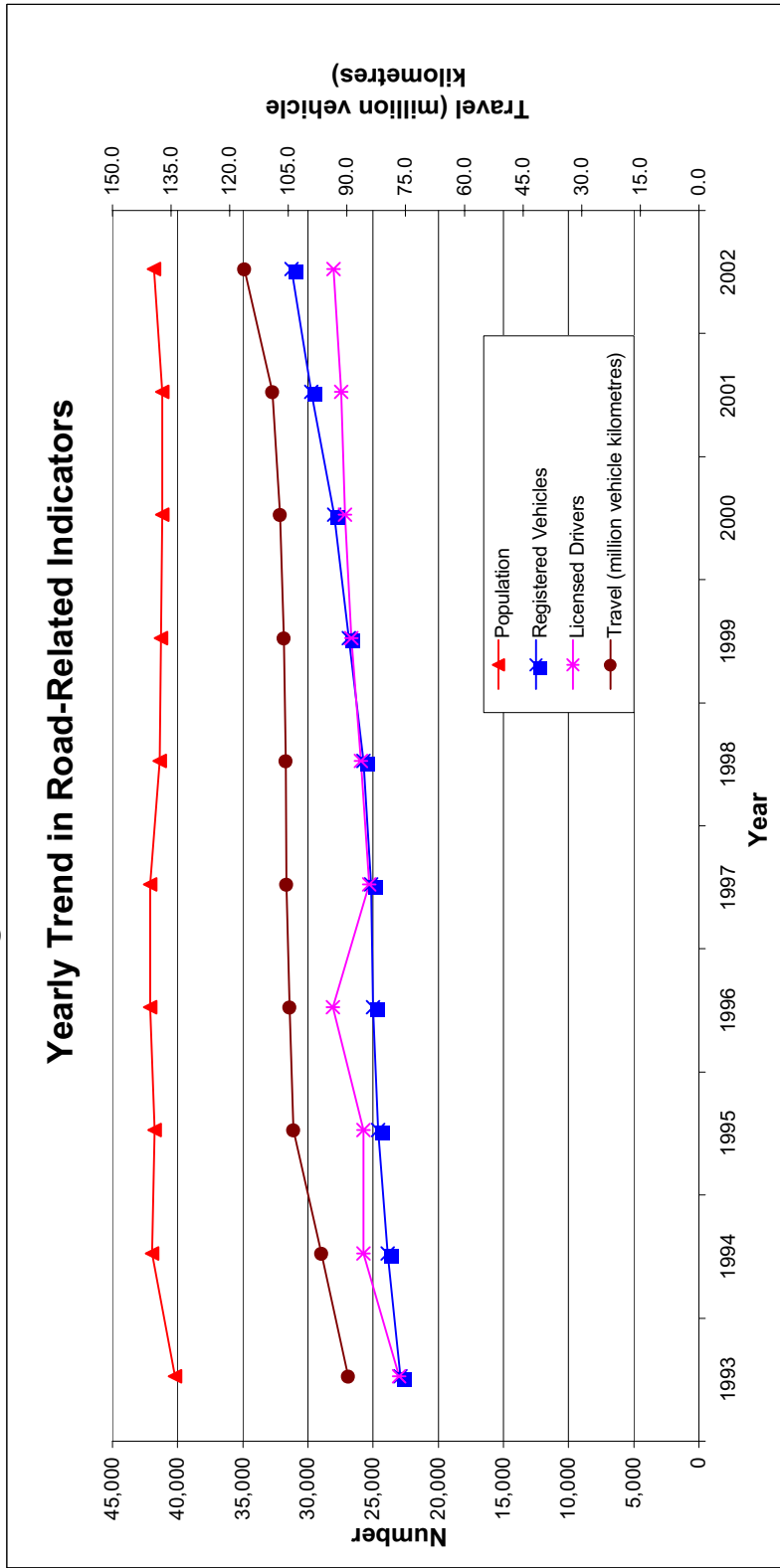
Average annual percent increase from 1993 to 2002 = 3.3% (Arterial increase = 4.8%; Collector increase = 1.3%)

Figure 7
Vehicle Kilometres Traveled on Northwest Territories Highways



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
Population*	39,900	41,700	41,500	41,800	41,800	41,100	41,000	40,900	40,900	41,549
Registered Vehicles	22,631	23,575	24,323	24,717	24,884	25,470	26,599	27,703	29,449	30,969
Licensed Drivers	22,742	25,471	25,471	27,794	24,997	25,655	26,371	26,880	27,148	27,748
Travel (million vehicle kilometres)	88.7	95.6	102.7	103.8	104.6	104.7	105.2	106.2	108.2	115.3

*Source: Northwest Territories Stats Bureau

Section 3.0

Vehicle Classification Data

**Figure 9
Average Daily Traffic on Highway Ferries**

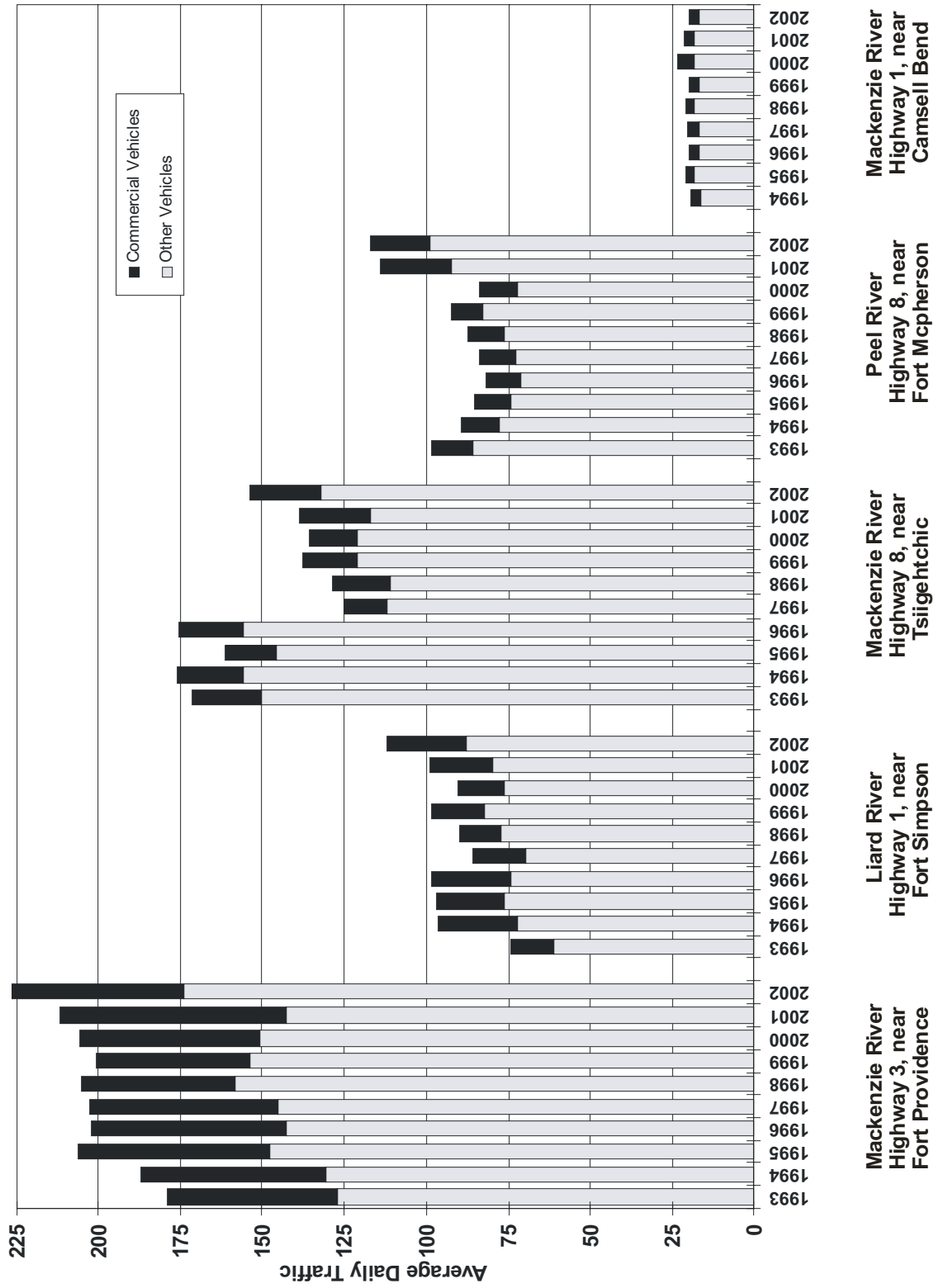


Table 9 Average Daily Traffic on Highway Ferries

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

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

Operating Season Open	Operating Season Close	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 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	184	184	55.78	2.39	36.23	2.39	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	14.4	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	0.1	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	May-00	3,442	150	68.7	6.9	2.4	18.9	0.1	0.7	2.3	24.4	6,839
		Jun-00	7,892	263	67.3	13.7	1.9	14.9	0.0	0.6	1.7	19.1	16,082
		Jul-00	9,659	312	71.0	12.6	1.9	12.2	0.0	0.9	1.4	16.3	21,187
		Aug-00	9,516	307	75.0	9.4	1.7	11.9	0.0	0.6	1.3	15.6	20,361
		Sep-00	6,739	225	71.9	6.6	1.7	17.9	0.0	0.7	1.1	21.5	12,220
		Oct-00	5,417	175	68.1	3.1	2.3	24.8	0.0	0.8	0.9	28.8	9,516
		Nov-00	4,552	152	53.5	3.3	3.3	37.5	0.1	1.2	1.1	43.2	7,392
		Dec-00	2,609	84	37.1	1.8	2.5	55.4	0.0	0.9	2.3	61.1	3,909
		Jan-01	1,927	128	4.3	0.3	3.1	87.2	0.1	1.1	3.9	95.4	2,223
		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 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	1557						
	Jun-02	3533	118	69.77	7.39	3.26	15.20	0.03	0.65	3.71	22.84	7103						
	Jul-02	4067	131	72.93	7.70	4.18	12.20	0.00	0.44	2.56	19.38	8649						
	Aug-02	4008	129	72.08	7.56	5.86	11.35	0.05	0.27	2.82	20.36	8324						
	Sep-02	3412	114	68.76	4.51	5.45	19.05	0.29	0.32	1.61	26.73	6236						
	Oct-02	2689	87	74.23	3.27	5.65	14.80	0.07	0.19	1.79	22.50	5040						
	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	1470	92	85.44	2.93	4.29	2.86	0	0.75	3.74	11.6	3198					
		Jun-01	3368	112	73.34	5.26	6.74	8.76	0.56	0.74	4.6	21.4	6821					
Jul-01		3725	120	66.9	8.29	4.03	17.66	0.3	0.32	2.5	24.8	7374						
Aug-01		3155	102	78.99	8.18	4.03	6.72	0.22	0.41	1.46	12.8	7017						
Sep-01		2781	93	78.93	4.6	6.08	7.84	0.43	0.43	1.69	16.5	5386						
Oct-01		2530	82	78.38	2.25	6.4	7.55	0.08	0.28	5.06	19.4	4616						
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		May-00	1,702	77	32.7	1.6	1.5	0.9	0.0	0.5	1.1	4.0	3,552					
		Jun-00	2,856	95	27.2	3.0	1.9	3.0	0.1	0.1	1.5	6.6	5,730					
	Jul-00	3,062	99	23.1	3.1	0.9	2.6	0.0	0.1	1.1	4.8	6,634						
	Aug-00	3,241	105	28.6	2.8	1.3	3.0	0.1	0.3	0.9	5.6	7,254						
	Sep-00	2,856	95	33.2	2.6	2.2	3.6	0.2	0.3	1.0	7.2	5,615						
	Oct-00	2,193	71	31.4	1.2	2.2	3.6	0.1	0.2	1.4	7.4	4,043						
	Nov-00	138	46	3.8	0.0	0.5	0.5	0.0	0.0	0.2	1.3	212						
	Total	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	Total	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	Total	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			Total	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	Total	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	Total	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	Total	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	Total	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				Total Commercial	Number of Passengers
								Over size	Bus	Other	Commercial		
June 5/02	Oct 19/02	4641	179	73,67	11,27	3,40	9,20	0,06	1,90	15,06	10,210		
	Jun-02	5891	190	74,61	12,07	4,72	5,60	0,20	2,56	13,33	13,135		
	Jul-02	4832	156	80,77	7,99	2,63	6,42	0,21	1,57	11,24	10,928		
	Aug-02	3754	125	81,78	2,98	3,09	9,91	0,00	0,99	15,24	8,033		
	Sep-02	2012	106	76,19	0,80	6,76	13,67	0,15	1,44	23,01	4,538		
	Total	21,130	154	77,24	8,27	3,86	8,11	0,13	1,80	14,49	46,844		
June 5/01	Oct 26/01	3896	156	71,33	14,55	2,85	9,16	0,05	1,98	14,8	8,206		
	Jun-01	4879	157	73,25	13,86	2,52	8,28	0,25	1,37	12,9	10,489		
	Jul-01	4600	148	81,07	8,74	2,13	6,37	0,07	1,46	10,2	9,954		
	Aug-01	3521	117	75,75	3,1	3,46	16,79	0,11	0,45	21,2	7,465		
	Sep-01	2931	113	73,8	0,48	3,86	20,4	0,34	1,13	25,7	6,058		
	Total	19,827	139	75,2	8,9	2,9	11,3	0,1	1,3	15,9	42,172		
June 5/00	Oct 23/00	3,445	138	74,0	15,0	2,8	5,8	0,1	2,3	11,0	7,412		
	Jun-00	4,704	152	75,0	16,1	1,6	5,1	0,2	1,9	8,9	10,419		
	Jul-00	4,830	156	81,0	9,8	2,4	5,0	0,2	1,6	9,2	10,289		
	Aug-00	3,572	119	84,4	2,7	2,7	8,5	0,1	1,4	12,9	7,167		
	Sep-00	2,244	98	79,7	0,2	4,0	13,5	0,0	2,0	20,1	4,630		
	Total	18,795	134	78,7	9,8	2,5	6,9	0,1	1,8	11,5	39,917		
June 1/99	Oct 16/99	19,028	138	76,5	11,0	3,3	7,2	0,1	1,7	12,5	41,066		
May 26/98	Oct 24/98	19,149	126	74,1	11,9	3,8	4,8	0,0	5,1	13,9	43,258		
June 4/97	Oct 18/97	16,894	125	77,2	12,3	2,5	4,9	0,1	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	1,4	11,2	45,636		
May 24/95	Oct 24/95	24,620	160	81,9	8,4	2,1	5,3	0,3	1,5	9,7	50,398		
May 30/94	Oct 30/94	27,052	176	82,9	5,9	3	4,6	0,3	2,8	11,2	55,606		
June 4/93	Oct 28/93	25,132	171	75,3	12,1	2,3	5,7	0,7	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
May 27/02	Oct 25/02	253	51	71.15	1.19	4.74	22.92	0.00	0.00	0.00	27.67	514
	Jun-02	2629	88	69.46	7.99	3.80	11.98	0.53	0.38	5.86	22.56	5,536
	Jul-02	4751	153	74.26	10.29	1.54	9.05	0.55	0.36	3.96	15.45	9,882
	Aug-02	5300	171	83.91	4.47	1.25	6.68	0.62	1.08	2.00	11.62	11,965
	Sep-02	3314	110	86.18	2.23	0.63	8.27	1.36	0.21	1.12	11.59	6,632
	Oct-02	1563	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	2494	125	65.6	16.6	2.9	11.7	0.3	0.2	2.7	17.8	4914
	Jul-01	4231	136	68.1	12.0	4.1	13.3	0.5	0.3	1.8	19.9	8309
	Aug-01	4674	151	79.6	7.5	3.0	7.8	0.1	1.0	0.9	12.8	9600
	Sep-01	2807	94	71.5	3.6	2.2	21.6	0.1	0.0	1.0	24.9	5303
	Oct-01	1908	66	69.7	0.5	2.5	26.2	0.2	0.1	0.9	29.9	3372
	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	1943	78	62.2	17.2	2.3	14.4	0.8	0.1	3.0	20.6	3,914
	Jul-00	2854	92	72.6	15.3	3.3	5.1	0.6	0.4	2.7	12.1	7,293
	Aug-00	4095	132	83.8	7.4	0.8	4.4	0.0	1.1	2.5	8.9	10,606
	Sep-00	2003	67	81.7	3.7	0.6	12.1	0.0	0.0	1.8	14.6	4,021
	Oct-00	1064	41	72.6	0.7	2.1	21.4	0.1	0.0	3.2	26.8	1,989
	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	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	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	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	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	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	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	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 31/02	Nov 01/02	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	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	0.0	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	219	18	67.6	0.0	0.9	0.0	0.0	0.0	31.5	32.4	366
	Jun-00	734	24	61.6	2.2	2.6	1.2	0.0	0.0	32.4	36.2	1,197
	Jul-00	889	29	60.2	4.3	4.5	1.7	0.0	0.0	29.4	35.5	1,579
	Aug-00	696	22	86.2	3.9	4.5	1.3	0.1	0.9	3.2	9.9	1,840
	Sep-00	702	23	81.8	6.3	3.7	6.3	0.4	0.0	1.6	12.0	1,493
	Oct-00	546	18	82.4	0.0	5.1	8.6	1.6	0.0	2.2	17.6	1,118
	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	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	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	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	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	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	2,978	19	82.2	1.7	5.4	6.7	0.6	0.3	3.1	16.1	6,712

Table 15
2000 Vehicle Classification Data from Short-Term Visual Counts

Date	Study	Location	Start Time	Finish Time	Traffic Location Hwy km	Total Volume	Classification (percent of total)													Const Equip	Total Commercial						
							Motor -cycle	Cars	Trucks Bus	2Axle Truck	3Axle Truck	4Axle Truck	4Axle Semi	5Axle Semi	6Axle Semi	5Axle Train	6Axle Train	7Axle Train	8Axle Train			9Axle Train	RV's				
31-Jul-98	Turning Movement	Highway 2 and 5	7:00 AM	4:00 PM	2	33	1248	0.4	23.4	62.3	0.2	2.6	2.0	0.6	0.4	3.6	2.0	0.0	0.0	0.0	0.2	1.1	0.1	0.9	0.1	12.6	
Fri.					2	31	718	0.7	25.9	56.5	0.4	3.1	2.1	0.1	0.7	2.5	1.9	0.0	0.0	0.0	0.4	1.9	0.1	1.4	0.1	12.8	
					5	1	656	0.0	0.2	64.9	0.3	1.5	2.7	1.1	0.0	4.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	11.4
29-Jul-98	Turning Movement	Highway 1 and 2	7:00 AM	6:00 PM	1	83	351	0.3	21.4	53.0	0.3	2.0	8.5	0.3	0.6	4.0	2.6	0.0	0.0	0.0	2.8	2.6	0.0	1.7	0.0	23.4	
Wed.					1	85	243	0.4	13.2	57.2	1.2	2.5	7.4	0.4	1.6	4.9	2.9	0.0	0.0	0.0	2.5	4.1	0.0	1.2	0.4	26.3	
					2	1	330	0.0	18.5	54.2	1.2	3.3	10.9	0.0	1.2	4.8	1.2	0.0	0.0	0.0	1.2	2.1	0.0	0.9	0.3	24.7	
30-Jul-98	Turning Movement	Highway 5 and 6	8:00 AM	5:00 PM	5	59	134	0.0	14.2	73.9	0.7	2.2	2.2	0.0	2.2	2.2	0.7	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	11.0	
Thurs.					5	61	54	0.0	16.7	61.1	1.9	5.6	0.0	0.0	5.6	1.9	1.9	0.0	0.0	0.0	0.0	3.7	0.0	1.9	0.0	18.7	
					6	1	108	0.0	14.8	79.6	0.0	0.0	2.8	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.7	
28-Jul-98	Turning Movement	Highway 1 and 3	8:00 AM	5:00 PM	1	187	165	3.6	18.8	53.9	0.0	0.6	1.8	0.6	0.0	7.9	3.6	0.0	0.0	0.0	3.0	4.2	0.0	1.2	0.6	21.7	
Tues.					1	188	51	2.0	13.7	49.0	0.0	2.0	5.9	2.0	0.0	17.6	5.9	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	35.4	
					3	1	132	3.8	22.7	57.6	0.0	0.0	0.0	0.0	0.0	3.0	2.3	0.0	0.0	0.0	3.8	4.5	0.0	1.5	0.8	13.6	

1999 Vehicle Classification Data from Short-Term Visual Counts

Date	Study	Location	Start Time	Finish Time	Traffic Location Hwy km	Total Volume	Classification (percent of total)													Const Equip	Total Commercial					
							Motor -cycle	Cars	Trucks Bus	2Axle Truck	3Axle Truck	4Axle Truck	4Axle Semi	5Axle Semi	6Axle Semi	5Axle Train	6Axle Train	7Axle Train	8Axle Train			9Axle Train	RV's			
31-Jul-98	Turning Movement	Highway 2 and 5	7:00 AM	4:00 PM	2	33	1190	0.0	20.3	53.1	0.5	2.4	1.6	0.0	0.3	1.3	0.5	0.0	0.0	0.3	0.3	0.5	0.0	1.6	0.1	7.9
Fri.					2	31	795	0.0	18.4	45.4	7.5	2.4	1.6	0.0	3.8	9.3	2.5	0.0	1.3	0.5	0.9	0.0	2.4	0.0	2.4	7.8
					5	1	463	0.0	24.4	67.6	0.0	1.9	2.6	0.0	0.0	2.4	0.9	0.0	0.4	0.0	0.2	0.0	0.2	0.0	0.2	8.2
29-Jul-98	Turning Movement	Highway 1 and 2	7:00 AM	6:00 PM	1	83	398	0.0	19.8	55.0	2.0	3.0	2.0	0.0	1.5	4.0	1.5	0.0	0.3	1.0	3.3	0.0	2.3	0.0	2.3	16.1
Wed.					1	85	266	0.0	18.8	54.1	1.1	3.4	1.1	0.0	2.3	6.4	2.3	0.0	0.4	2.3	5.6	0.0	1.9	0.0	1.9	24.1
					2	1	350	0.0	19.1	60.3	2.0	4.0	2.9	0.0	1.4	3.7	1.4	0.0	0.0	0.6	2.3	0.0	2.3	0.0	2.3	16.6
30-Jul-98	Turning Movement	Highway 5 and 6	8:00 AM	5:00 PM	5	59	83	0.0	26.5	56.6	0.0	6.0	2.4	0.0	0.0	2.4	0.0	0.0	1.2	0.0	4.8	0.0	0.0	0.0	0.0	14.5
Thurs.					5	61	60	0.0	25.0	55.0	0.0	10.0	0.0	0.0	0.0	3.3	0.0	0.0	1.7	0.0	5.0	0.0	0.0	0.0	0.0	16.7
					6	1	37	0.0	24.3	59.5	0.0	8.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	10.8
28-Jul-98	Turning Movement	Highway 1 and 3	8:00 AM	5:00 PM	1	187	157	0.0	17.8	63.1	0.6	0.6	0.0	0.6	0.6	4.5	1.3	0.0	0.6	1.9	5.1	0.0	3.2	0.0	3.2	15.3
Tues.					1	188	41	0.0	7.3	82.9	2.4	4.9	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3
					3	1	150	0.0	18.0	60.7	1.3	2.0	0.0	0.7	0.7	4.0	1.3	0.0	0.7	2.0	5.3	0.0	3.3	0.0	3.3	16.7

Table 15 cont.
1998 Vehicle Classification Data from Short-Term Visual Counts

Date	Study	Location	Start Time	Finish Time	Traffic Location Hwy km	Total Volume	Classification (percent of total)														Const Equip	Total Commercial			
							Motor -cycle	Cars	Trucks Bus	2Axle Truck	3Axle Truck	4Axle Truck	4Axle Semi	5Axle Semi	6Axle Semi	5Axle Train	6Axle Train	7Axle Train	8Axle Train	9Axle Train			RVs		
31-Jul-98	Turning Movement	Highway 2 and 5	7:00 AM	4:00 PM	2	33	950	0.4	25.3	63.7	0.8	2.2	2.6	0.0	0.3	1.8	0.4	0.2	0.0	0.4	1.2	0.0	0.6	0.0	9.1
Fr.					2	31	587	0.7	23.5	64.9	0.9	2.4	2.0	0.0	0.5	1.5	0.5	0.2	0.0	0.7	1.5	0.0	0.7	0.0	9.3
					5	1	429	0.0	27.0	63.9	0.7	1.6	3.5	0.0	0.0	1.9	0.2	0.2	0.0	0.0	0.5	0.0	0.5	0.0	7.9
29-Jul-98	Turning Movement	Highway 1 and 2	7:00 AM	6:00 PM	1	83	391	0.3	22.5	55.2	1.0	3.1	1.8	0.0	0.8	4.1	2.6	0.0	0.8	2.0	4.1	0.0	1.8	0.0	19.3
Wed.					1	85	243	0.4	16.9	61.7	0.8	1.6	3.7	0.0	0.4	4.1	2.9	0.0	0.8	1.2	3.7	0.0	1.2	0.4	18.4
					2	1	354	0.0	18.4	61.6	1.1	2.8	2.8	0.0	0.6	2.8	2.0	0.0	0.3	2.0	3.7	0.0	1.7	0.3	14.2
30-Jul-98	Turning Movement	Highway 5 and 6	8:00 AM	5:00 PM	5	59	90	0.0	21.1	60.0	1.1	4.4	1.1	0.0	0.0	4.4	1.1	0.0	1.1	1.1	2.2	0.0	0.0	2.2	15.4
Thurs.					5	61	86	0.0	14.0	47.8	1.2	5.8	18.6	0.0	0.0	3.5	0.0	0.0	1.2	1.2	1.2	0.0	2.3	3.5	31.5
					6	1	68	0.0	7.4	42.6	0.0	4.4	25.0	0.0	0.0	1.5	1.5	0.0	0.0	0.0	1.5	0.0	2.9	1.5	33.9
28-Jul-98	Turning Movement	Highway 1 and 3	8:00 AM	5:00 PM	1	187	128	0.0	25.0	54.7	0.0	2.3	0.0	0.0	0.0	5.5	2.3	0.0	1.6	0.8	6.3	0.0	1.6	0.0	18.8
Tues.					1	188	35	0.0	31.4	60.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	11.5
					3	1	129	0.0	25.6	55.0	0.0	2.3	0.0	0.0	0.0	5.4	2.3	0.0	0.8	0.8	6.2	0.0	1.6	0.0	17.8

1996 Vehicle Classification Data from Short-Term Visual Counts

Date	Study	Location	Start Time	Finish Time	Traffic Location Hwy km	Total Volume	Classification (percent of total)														Const Equip	Total Commercial			
							Motor -cycle	Cars	Trucks Bus	2Axle Truck	3Axle Truck	4Axle Truck	4Axle Semi	5Axle Semi	6Axle Semi	5Axle Train	6Axle Train	7Axle Train	8Axle Train	9Axle Train			RVs		
13-Aug-96	Turning Movement	Highway 2 and 5	7:00 AM	6:00 PM	2	33	1180	1.1	22.0	61.4	0.5	4.2	5.1	0.0	0.2	2.5	0.5	0.1	0.1	0.6	0.7	0.0	1.1	0.0	13.9
Tues.					2	31	732	1.5	23.6	57.4	0.5	4.6	4.4	0.0	0.3	3.3	0.8	0.1	0.0	0.5	1.1	0.0	1.8	0.0	15.2
					5	1	482	0.4	18.9	69.3	0.4	3.3	5.8	0.0	0.0	1.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	11.0
14-Aug-96	Turning Movement	Highway 1 and 2	7:00 AM	6:00 PM	1	83	320	0.3	23.8	43.8	0.6	3.1	1.9	0.0	2.8	8.4	2.5	0.0	1.6	2.2	4.1	0.0	5.0	0.0	26.6
Wed.					1	85	270	0.4	19.6	46.7	1.1	2.2	2.6	0.0	3.3	6.7	3.0	0.0	1.5	1.9	4.8	0.0	6.3	0.0	25.9
					2	1	300	0.0	20.3	52.0	1.0	3.3	3.0	0.0	2.7	7.0	0.0	0.0	1.0	1.3	2.0	0.0	6.3	0.0	20.3
15-Aug-96	Turning Movement	Highway 5 and 6	8:00 AM	5:00 PM	5	59	120	0.0	25.8	56.7	0.8	4.2	0.8	0.0	0.0	3.3	3.3	0.0	0.8	0.8	0.0	0.0	3.3	0.0	13.3
Thurs.					5	61	67	0.0	26.9	46.3	1.5	9.0	3.0	0.0	0.0	3.0	1.5	0.0	1.5	0.0	0.0	0.0	4.5	3.0	17.9
					6	1	101	0.0	18.8	64.4	0.0	3.0	1.0	0.0	0.0	2.0	3.0	0.0	0.0	1.0	0.0	0.0	5.0	2.0	9.9
16-Aug-96	Turning Movement	Highway 1 and 3	8:00 AM	5:00 PM	1	187	189	0.5	18.5	46.6	0.5	2.6	1.6	0.0	0.0	9.5	2.6	0.0	0.0	1.6	5.8	0.0	10.1	0.0	23.8
Fr.					1	188	51	0.0	9.8	56.9	2.0	7.8	0.0	0.0	0.0	3.9	3.9	0.0	0.0	0.0	3.9	0.0	11.8	0.0	19.6
					3	1	174	0.6	21.8	46.6	0.0	0.6	1.7	0.0	0.0	9.2	2.9	0.0	0.0	1.7	5.2	0.0	9.8	0.0	21.3

**Note: no short term counts conducted in 1997

Table 15 cont.
1995 Vehicle Classification Data from Short-Term Visual Counts

Date	Study	Location	Start Time	Finish Time	Traffic Location Hwy km	Total Volume	Classification (percent of total)														Const Equip	Total Commercial		
							Motor -cycle	Cars	Trucks	Bus	2Axle Truck	3Axle Truck	4Axle Truck	4Axle Semi	5Axle Semi	6Axle Semi	7Axle Train	8Axle Train	9Axle Train	RV's				
25-Jul-95	Turning Movement	Highway 2 and 5	7:00 AM	8:00 PM	2	31	0.0	29.2	55.3	1.2	2.7	2.1	0.0	0.2	1.8	0.4	0.0	0.2	0.6	1.7	0.0	4.1	0.5	9.8
Tues.					2	33	0.0	27.8	58.6	0.8	2.7	2.7	0.0	0.3	2.0	0.6	0.0	0.1	0.3	1.0	0.0	2.7	0.4	9.6
					5	1	0.0	24.8	61.5	0.4	2.3	4.3	0.0	0.6	2.2	0.9	0.0	0.1	0.4	0.0	0.0	1.5	0.9	10.9
26-Jul-95	Turning Movement	Highway 1 and 2	7:00 AM	6:00 PM	1	83	0.0	24.0	40.5	0.5	3.7	2.1	0.0	2.4	6.1	2.4	0.5	0.3	2.7	6.7	0.0	7.2	0.8	26.9
Wed.					1	85	0.0	20.4	48.4	1.5	2.9	3.6	0.0	1.5	4.0	1.8	0.4	0.4	3.3	6.5	0.0	5.5	0.0	24.4
					2	1	0.0	22.4	46.4	1.3	3.9	2.6	0.0	1.6	4.6	1.3	0.3	0.0	0.3	4.9	0.0	9.2	1.0	19.7
27-Jul-95	Turning Movement	Highway 5 and 6	8:00 AM	5:00 PM	5	59	0.0	20.4	55.8	0.0	3.5	0.9	0.0	0.0	8.0	0.0	0.0	0.9	1.8	1.8	0.0	7.1	0.0	16.8
Thurs.					5	61	0.0	19.5	46.8	0.0	5.2	0.0	0.0	0.0	11.7	0.0	0.0	1.3	2.6	1.3	0.0	10.4	1.3	22.1
					6	1	0.0	20.0	55.0	0.0	0.0	1.7	0.0	0.0	10.0	0.0	0.0	0.0	0.0	1.7	0.0	10.0	1.7	13.3
28-Jul-95	Turning Movement	Highway 1 and 3	8:00 AM	5:00 PM	1	187	0.0	21.1	47.7	1.8	0.9	0.5	0.5	0.0	6.4	4.6	0.9	0.0	0.5	6.0	0.0	9.2	0.0	20.2
Fri.					1	188	0.0	19.7	57.9	2.6	2.6	1.3	0.0	0.0	2.6	2.6	1.3	0.0	0.0	3.9	0.0	5.3	0.0	14.5
					3	1	0.0	21.0	47.3	1.1	0.0	1.1	0.5	0.0	7.5	4.3	0.5	0.0	0.5	5.4	0.0	10.8	0.0	19.9

1994 Vehicle Classification Data from Short-Term Visual Counts - Turning Movement

Date	Study	Location	Start Time	Finish Time	Traffic Location Hwy km	Total Volume	Classification (percent of total)														Const Equip	Total Commercial		
							Motor -cycle	Cars	Trucks	Bus	2Axle Truck	3Axle Truck	4Axle Truck	4Axle Semi	5Axle Semi	6Axle Semi	7Axle Train	8Axle Train	9Axle Train	RV's				
19-Jul-94	Turning Movement	Highway 5 and 6	8:00 AM	5:00 PM	5	59	0.0	44.0	60.0	2.7	1.3	0.0	0.0	4.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	9.3	0.0	6.7
Tues.					5	61	0.0	37.1	50.0	3.2	0.0	0.0	0.0	4.8	0.0	0.0	0.0	1.6	0.0	0.0	0.0	12.9	0.0	6.5
					6	1	0.0	37.8	64.9	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	2.7
20-Jul-94	Turning Movement	Highway 2 and 5	7:00 AM	6:00 PM	2	31	1.6	37.5	85.6	1.2	2.5	2.3	0.0	2.1	4.3	1.2	0.0	0.4	1.9	2.1	0.0	3.7	0.0	16.9
Wed.					2	33	1.2	35.9	71.3	0.9	2.4	2.1	0.0	1.3	3.9	0.9	0.0	0.3	1.2	1.3	0.0	3.9	0.3	13.5
					5	1	1.0	34.0	57.5	0.5	2.6	1.5	0.0	0.5	3.1	1.5	0.0	0.3	0.0	0.0	0.0	4.9	0.8	9.5
21-Jul-94	Turning Movement	Highway 1 and 2	7:00 AM	6:00 PM	1	83	0.5	18.3	31.4	0.8	4.9	1.8	0.0	1.0	5.9	1.8	0.3	0.5	2.1	3.9	0.0	4.4	0.3	22.2
Thurs					1	85	0.0	8.2	13.4	0.2	1.0	0.0	0.0	0.5	2.4	0.7	0.1	0.2	0.8	1.9	0.0	2.7	0.0	9.6
					2	1	0.4	14.4	28.5	1.0	5.0	1.9	0.0	0.8	2.7	0.6	0.0	0.0	0.2	1.7	0.0	4.3	0.2	13.0
22-Jul-94	Turning Movement	Highway 1 and 3	8:00 AM	5:00 PM	1	187	4.3	43.9	65.5	1.4	7.2	3.6	0.0	1.4	6.5	2.9	0.0	0.7	2.2	5.8	0.0	10.1	0.0	30.2
Fri.					1	188	14.0	53.5	44.2	2.3	4.7	7.0	0.0	2.3	0.0	4.7	0.0	0.0	2.3	2.3	0.0	4.7	0.0	23.3
					3	1	0.0	32.9	58.6	2.1	5.7	1.4	0.0	0.7	6.4	1.4	0.0	0.7	1.4	5.0	0.0	11.4	0.0	22.9

Table 16 Vehicle Classification at the Enterprise Weigh Scale

Unit Type	1999												10 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	3	3	8	1	9	14	12	8	7	6	7	14	89	1.10
Tandem	106	106	17	9	17	22	9	18	13	7	3	6	124	1.54
5 Axle	435	435	169	168	168	224	277	184	215	177	169	215	2339	28.99
6 Axle	65	267	81	52	135	151	153	122	159	99	81	123	1407	17.44
A Train	30	124	78	86	174	182	104	103	103	75	75	77	1120	13.88
B Train	61	167	14	11	59	26	17	28	28	28	25	30	466	5.78
C Train	4	7	1	0	2	0	0	0	3	0	0	0	2	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	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 Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	8	7	7	7	6	10	9	12	4	6	7	2	85	0.74
Tandem	11	29	13	6	10	21	6	8	13	24	12	10	165	1.44
5 Axle	246	412	586	164	221	210	204	204	148	214	170	187	2866	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 Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
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	689	262	191	217	186	181	170	204	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 Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Single Axle	12	27	18	12	9	9	6	8	14	9	7	10	141	0.88
Tandem	62	68	71	91	2	338	257	226	352	353	236	189	309	1.94
5 Axle	230	505	546	178	132	249	224	231	249	248	246	158	3542	22.21
6 Axle	212	514	579	200	65	184	161	152	126	151	119	93	3175	19.91
A Train	106	117	100	114	72	100	100	100	100	100	100	100	100	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

Source: Enterprise Weigh Scale Database.

Table 17 Commodity Types at the Enterprise Weigh Scale

Commodity Type	2000												12 Month Total	% of Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Ammonium Nitrate	38	103	133	23		1	1	1	1	2		23	326	2.84
Asphalt	0	0	0	0	0	9	14	16	7	1	0	0	47	0.41
Aviation Fuel	37	38	58	35	7	70	47	39	36	29	29	17	442	3.85
Building Material	8	4	41	3	9	15	42	34	11	8	7	4	186	1.62
Calcium		1	4		2	64	27		8				106	0.92
Camp Shack	34	98	54	3	0	0	6	4	20	3	4	19	245	2.13
Cement	1	14	21	1	3	5	6	5	5	2	41	70	174	1.51
Compressed Gases	7	5	7	6	4	17	2	3	4	0	3	3	61	0.53
Construction Material			3			1	1	1	1		3		8	0.07
Containers	0	2	0	0	0	1	1	0	0	0	3	0	7	0.06
Corrosive Materials	6	10	10	4	6	5	9	7	7	12	2	4	82	0.71
Danger Placard	19	27	39	17	24	33	30	35	31	20	28	19	322	2.80
Drill Rig	1	0	0	0	0	0	0	0	0	0	0	7	8	0.07
Equipment	56	107	144	27	15	19	36	36	19	25	39	25	548	4.77
Explosives	2	6	5	0	1	5	3	4	6	5	1	3	41	0.36
Flammable Liquids	3	9	13	7	8	21	13	10	7	3	0	4	98	0.85
Fuel Oil	332	637	578	78	19	36	43	55	76	156	246	152	2408	20.96
Gasoline	33	39	73	26	15	48	33	46	28	21	22	22	406	3.53
General Freight	240	326	456	181	191	289	257	271	274	238	242	187	3152	27.43
Gravel	0	3	7	1	92	0	0	2	0	39	3	1	148	1.29
Hay Bales	1	1	1	0	3	0	0	0	1	2	0	0	9	0.08
Highway Salt	1	3	1	0	0	0	0	0	0	10	12	7	34	0.30
Household Furniture	2	6	15	7	9	4	5	11	7	4	9	3	82	0.71
Lime	2	4	6	2	0	3	0	0	3	2	1	2	25	0.22
Liquified Petroleum Gases	44	35	33	19	8	7	7	9	21	17	22	41	263	2.29
Logs	82	68	63	33	8	13	8	1	1	1	1	4	237	2.06
Lumber	4	7	8	2	8	22	10	2	2	2	3	4	72	0.63
Miscellaneous	70	202	390	56	62	116	94	81	79	163	54	117	1484	12.91
Mobile Homes	6	2	3	0	1	0	1	2	1	3	0	1	20	0.17
Pipe	2	15	12	1	0	6	1	0	2	0	0	8	47	0.41
Steel	0	2	14	0	2	0	0	4	1	6	2	0	31	0.27
Tanks	0	8	17	0	0	5	7	8	5	6	1	3	60	0.52
Tare Weight	0	45	17	3	1	3	1	1	2	1	1	0	75	0.65
Tires	3	14	12	1	0	0	1	0	0	0	0	0	31	0.27
Vehicles	17	21	31	16	11	13	15	15	18	17	16	16	206	1.79
Total	1051	1862	2266	522	501	830	720	703	681	798	795	762	11491	100.00

Table 17 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	10	6	5	2	1	1	1	1	1	1	1	0	2	0.01
Lumber	193	300	387	89	42	84	36	123	75	137	101	22	1589	10.90
Miscellaneous	0	0	0	2	1	2	1	3	4	5	1	0	19	0.13
Mobile Homes	5	51	44	19	3	3	22	18	5	7	7	0	184	1.26
Pipe	16	56	98	34	1	4	8	10	10	7	11	2	257	1.76
Steel	3	5	27	6	10	4	9	11	5	3	3	0	86	0.59
Tanks	3	36	57	9	0	2	0	1	1	0	3	3	115	0.79
Tare Weight	4	28	25	4	0	0	0	0	0	0	0	0	61	0.42
Tires	17	31	27	12	20	19	14	19	20	22	18	3	222	1.52
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

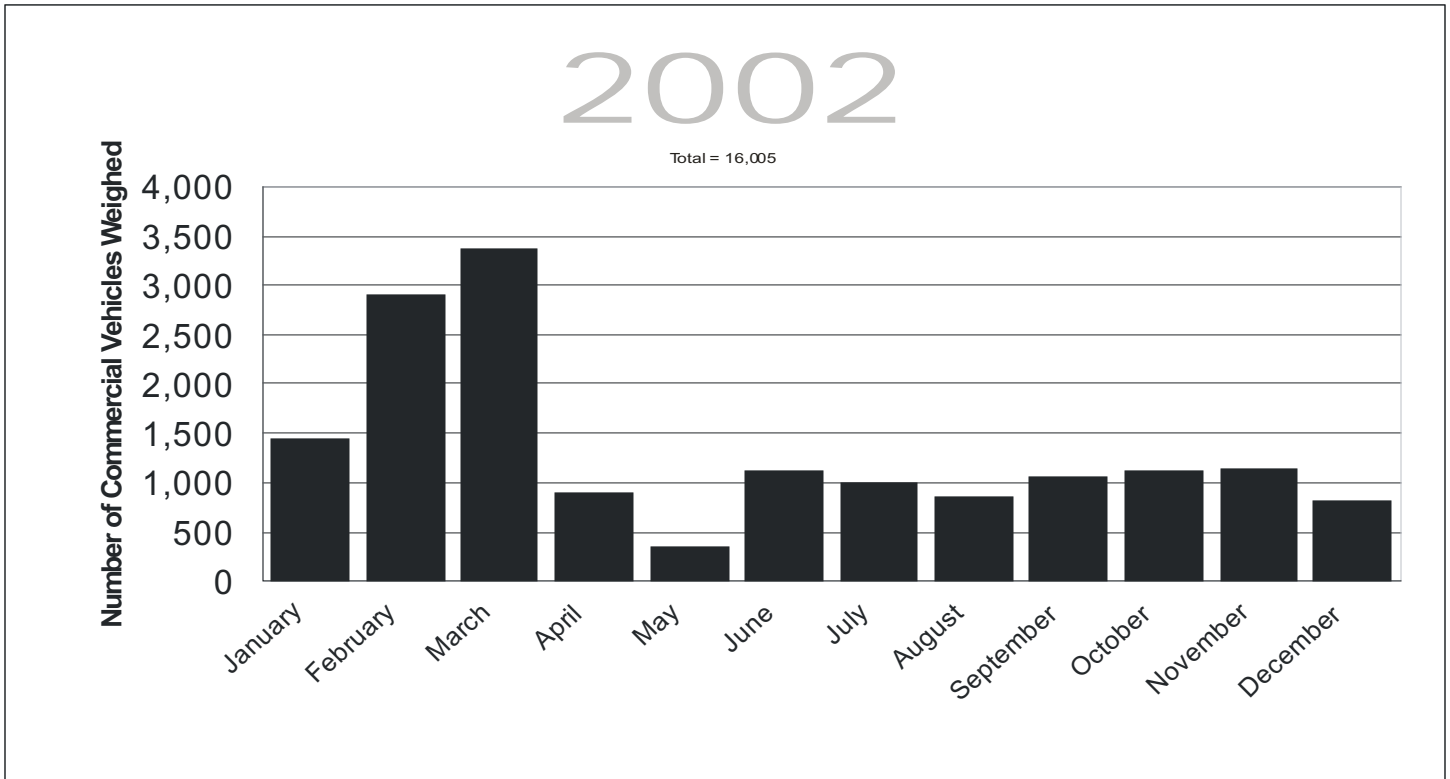
Note: In December 2001, it is estimated that only one-third of the data was collected due to increased weigh scale closures.
Source: Enterprise Weigh Scale Database.

Table 17 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

Source: Enterprise Weigh Scale Database.

**Figure 10
Commercial Vehicles Weighed/Waived
at the Enterprise Weigh Scale**



Total Vehicles Weighed

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
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

Total Vehicles Waived

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1998	644	940	1,174	483	633	576	864	584	613	424	329	367	7,631
1997	894	1,416	1,513	492	475	599	646	520	584	1,155	546	613	9,453
1996	879	1,319	898	532	471	690	584	535	629	606	552	628	8,323
1995	998	1,677	1,825	684	672	789	878	736	737	627	531	621	10,775

Note: (1) Prior to 1999, the Weigh Scale at Enterprise required all commercial vehicles to stop, however, vehicles not carrying a load were "waived" - the number presented is an estimate. In 1999, the weigh scale no longer required these vehicles to stop.
 (2) A commercial vehicle is any vehicle with a GVW over 4500 kg.
 (3) In December 2001, it is estimated that only one-third of the data was collected due to weigh scale closures.

**Figure 11
Commercial Vehicle Registrations
at the Enterprise Weigh Scale**

Overweight Permits Issued

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
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
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 Registrations Issued

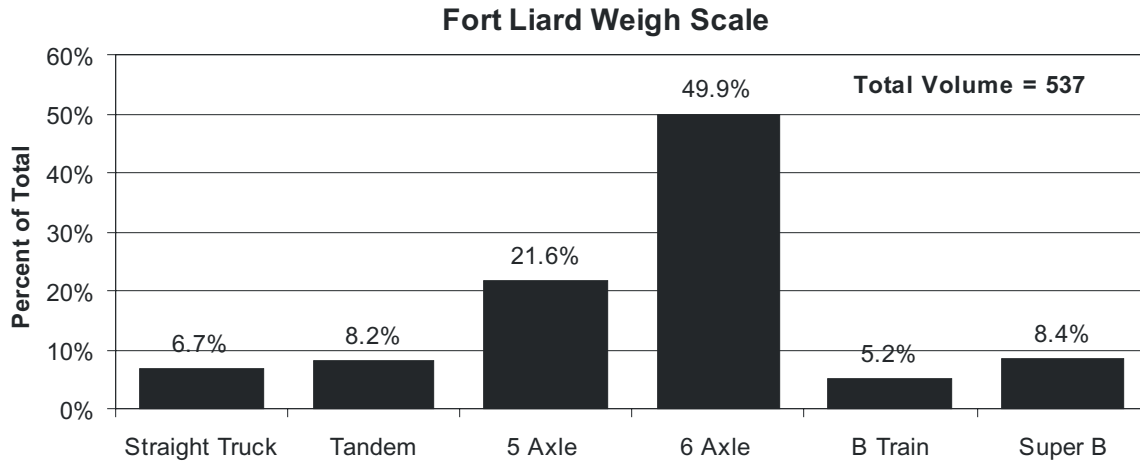
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2002	467	643	463	203	88	277	296	257	271	204	178	149	3,496
2000	350	546	523	131	150	286	285	260	254	227	122	274	3,408
1999	316	474	427	85	115	220	232	226	205	257	140	259	2,956
1998	286	392	463	94	208	251	321	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
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.

Figure 12
Commercial Vehicles at the
Fort Liard Weigh Scale, 2000



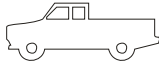
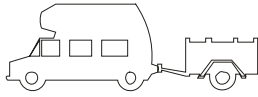
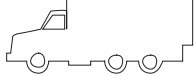
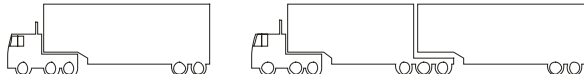
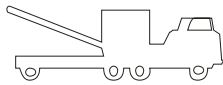
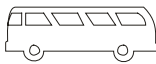

Commercial Vehicle Classification at Fort Liard Weigh Scale (2000)

Truck Type	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Straight Truck	0	24	0	8	4	0	36	6.7%
Tandem	0	12	4	4	0	24	44	8.2%
5 Axle	0	12	20	28	0	56	116	21.6%
6 Axle	24	72	36	52	8	76	268	49.9%
B Train	0	4	12	4	8	0	28	5.2%
Super B	0	21	20	0	0	4	45	8.4%
Total	24	145	92	96	20	160	537	100.0%

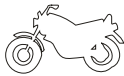
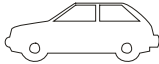
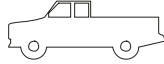
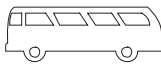

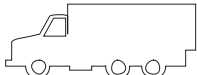
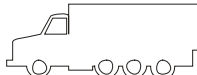
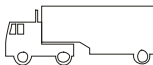
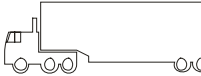
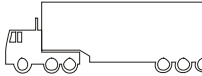

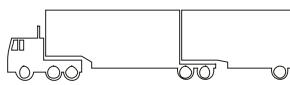
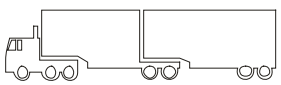
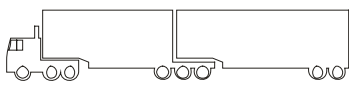
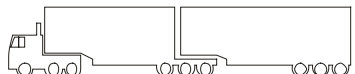
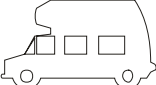
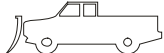
Note: Ft. Liard Weigh Scale opened July 2000
2001 and 2002 data was not collected
Source: Ft. Liard weigh scale database

Figure 13 Vehicle Classifications

Highway Ferries

Light Vehicle	Trailer Towed	Truck Single Unit
		
Truck Semi-Trailer		
		
Over Size	Bus	Other
		

Short-Term Counts

Motorcycle	Passenger Car	Light Truck	Bus
			
Two Axle, Single Unit	Three Axle Single Unit	Four or More Axle Single Unit	Four or Less Axle Single Trailer
			
Five Axle Single Trailer		Six or More Axle Single Trailer	Five or Less Axle Train
			
Six Axle Train	Seven Axle Train	Eight Axle Train	
			
Nine Axle Train		RV	Construction Equipment
			

Section 4.0

Other Highway Traffic Information

Figure 14 Short Term Intersection Volume Counts (2000)

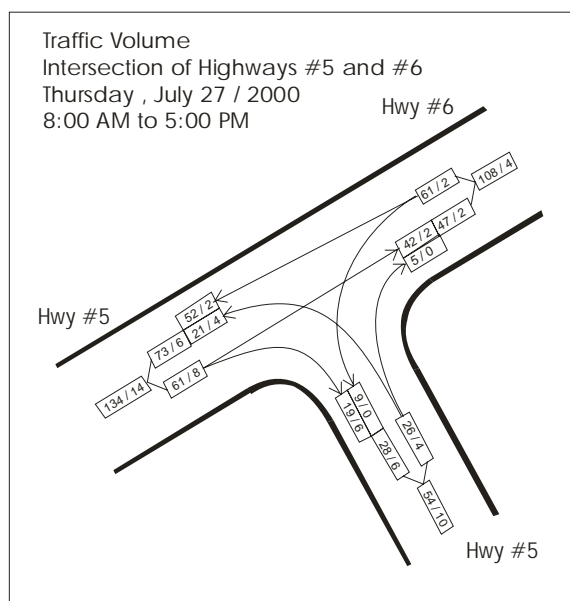
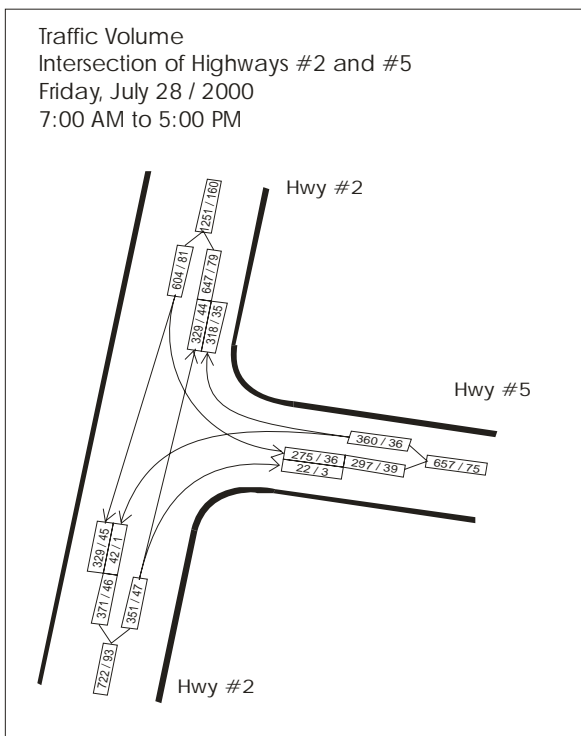
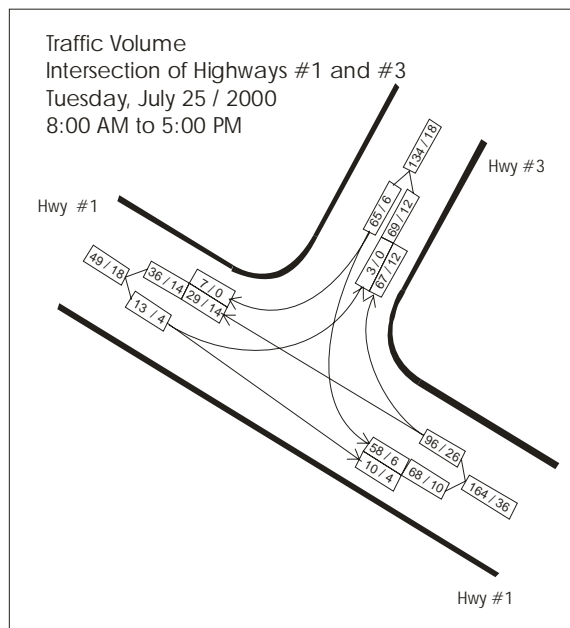
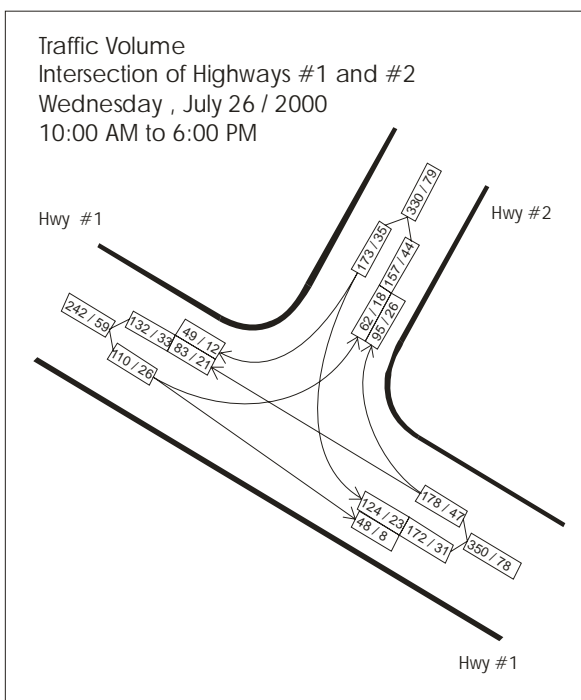


Figure 14 cont.
Short Term Intersection
Volume Counts (1999)

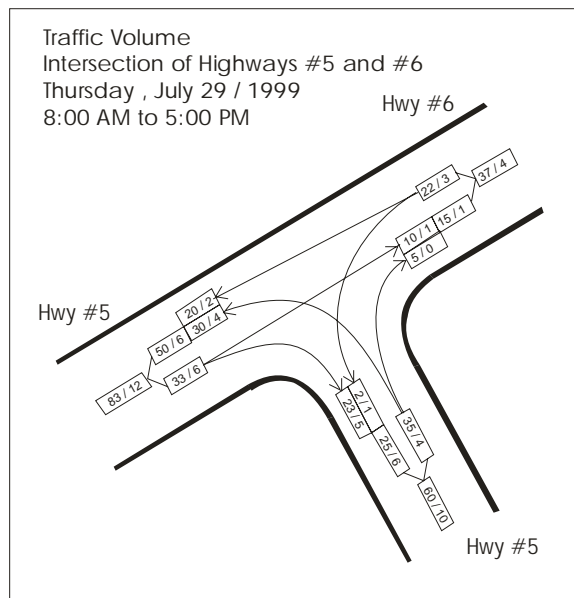
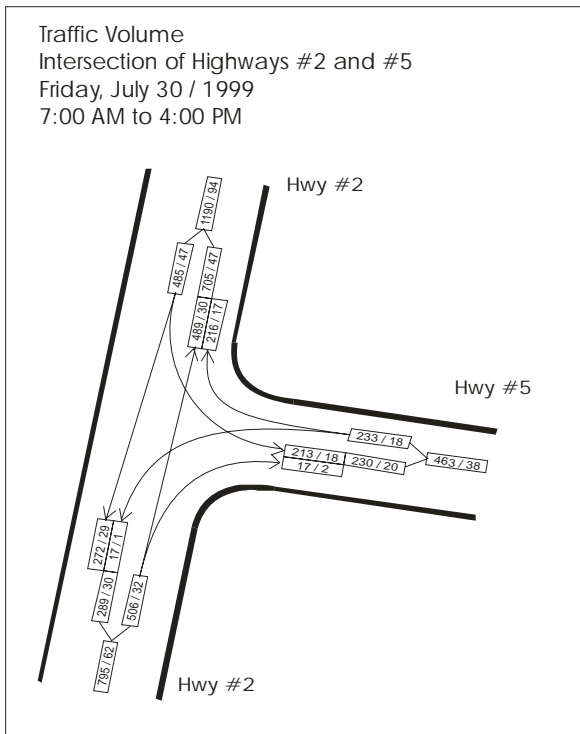
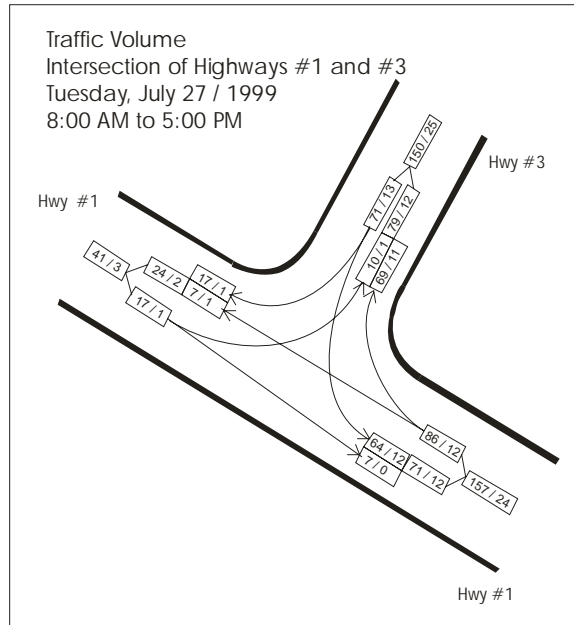
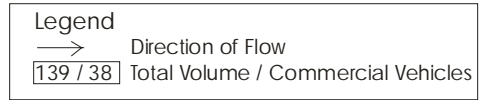
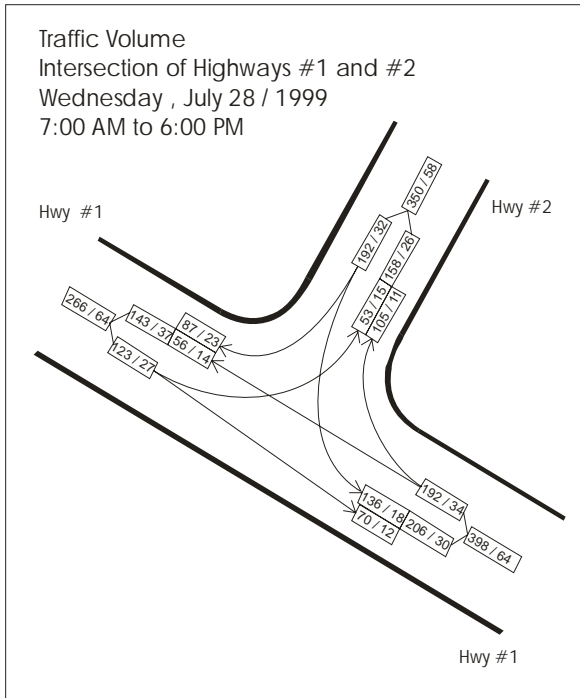


Figure 14 cont.
Short Term Intersection
Volume Counts (1998)

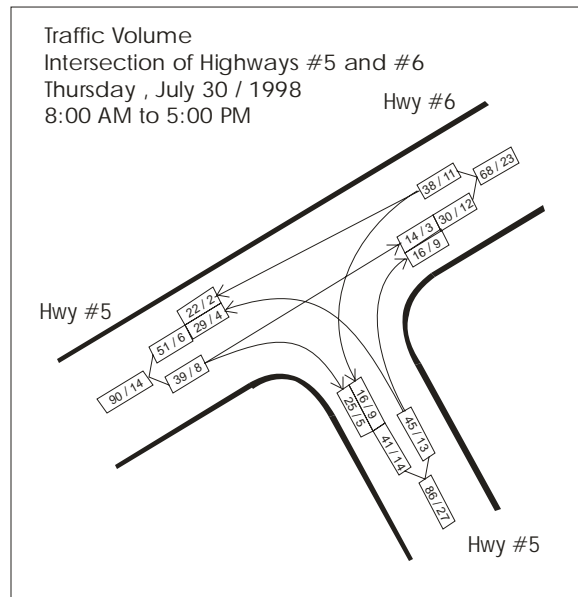
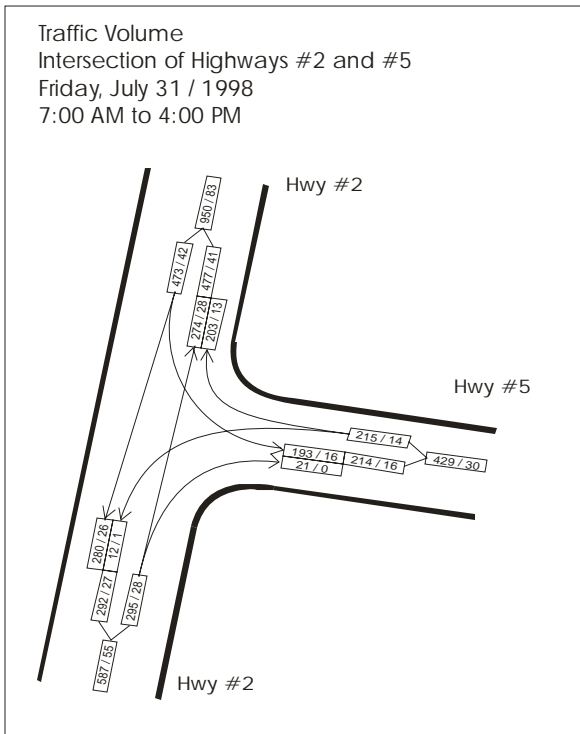
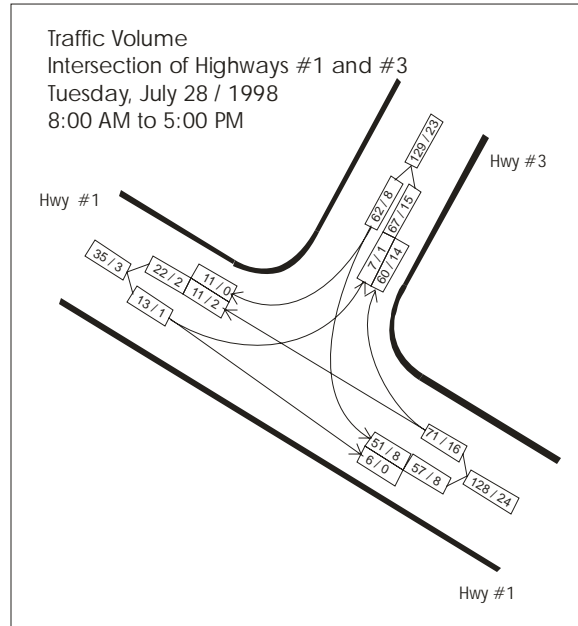
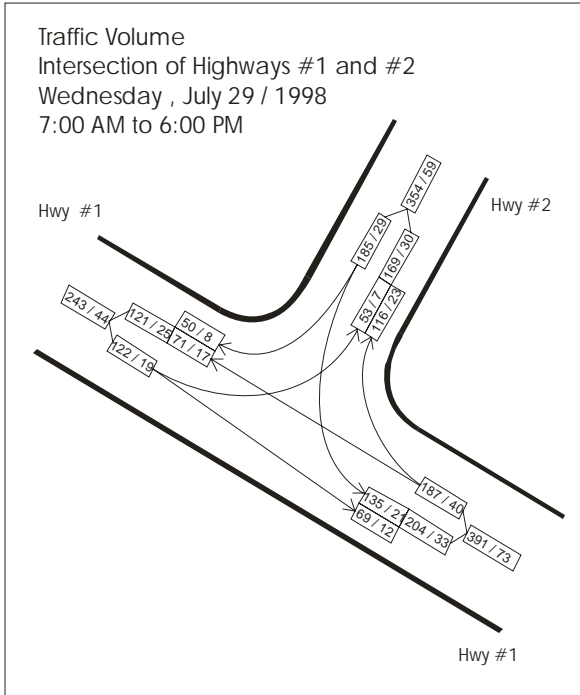


Figure 14 cont.
Short Term Intersection
Volume Counts (1996)

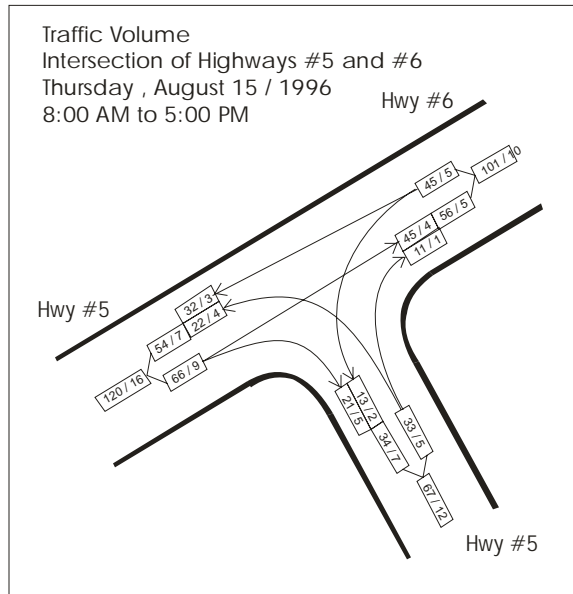
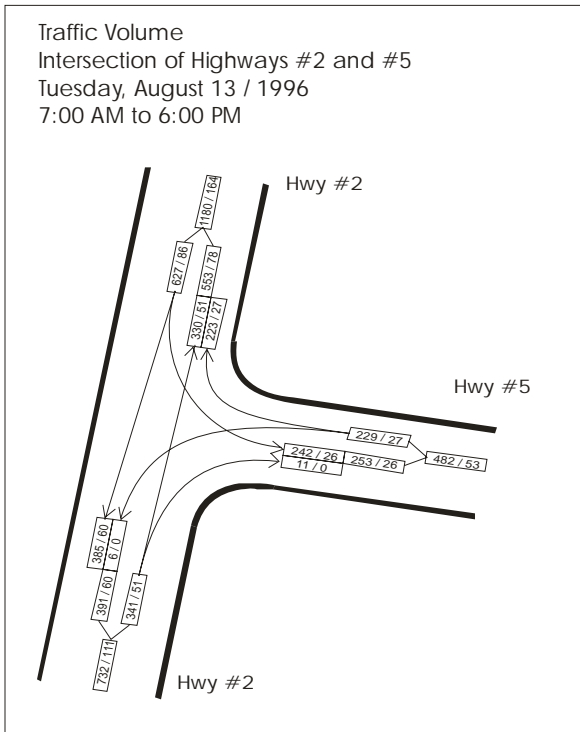
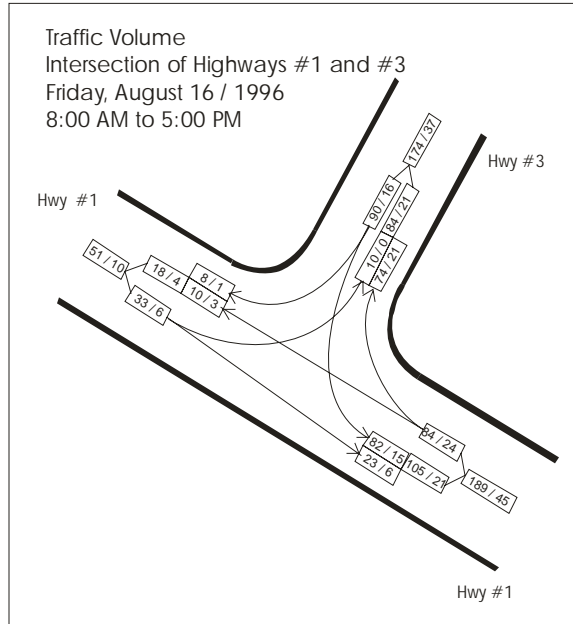
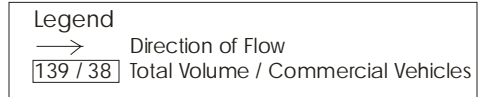
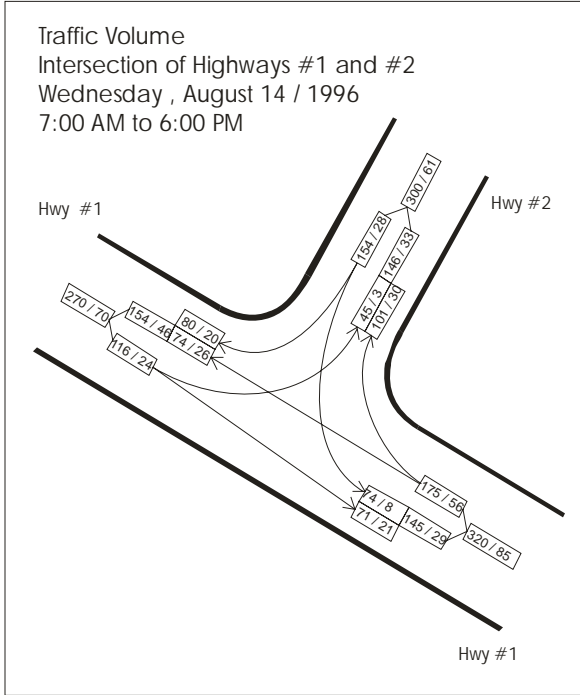


Figure 14 cont.
Short Term Intersection
Volume Counts (1995)

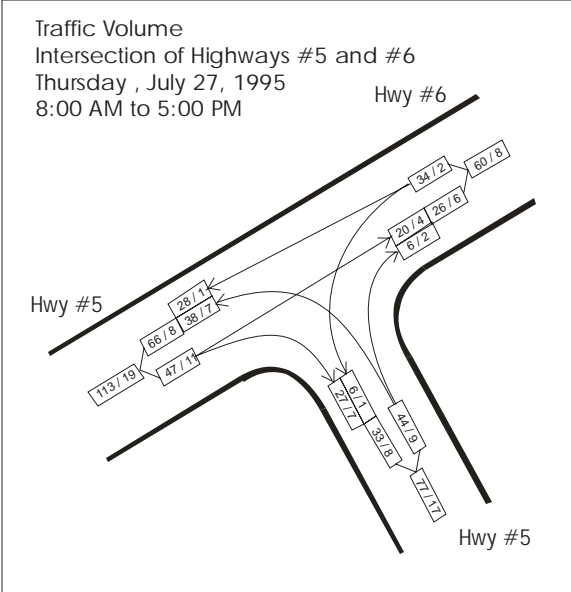
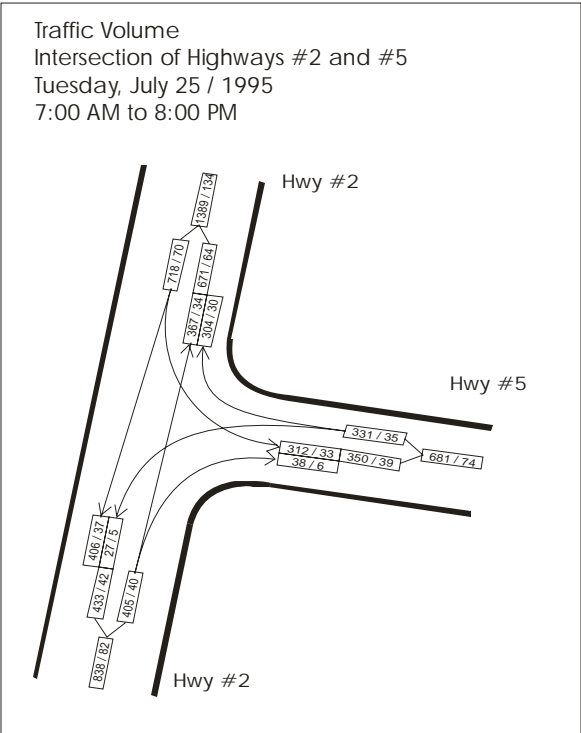
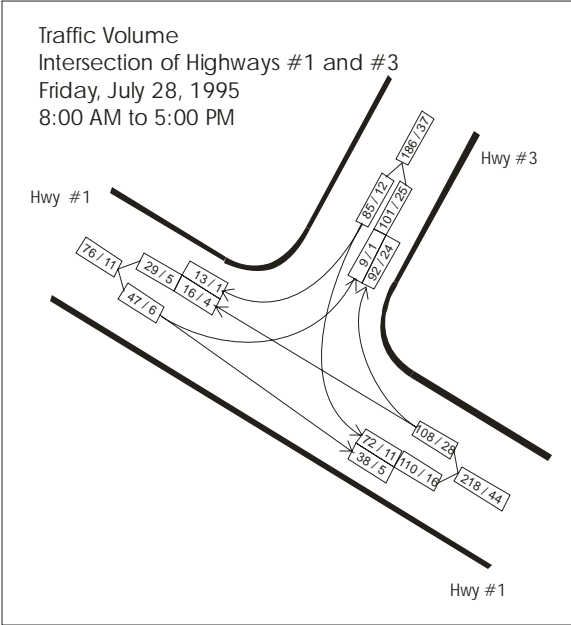
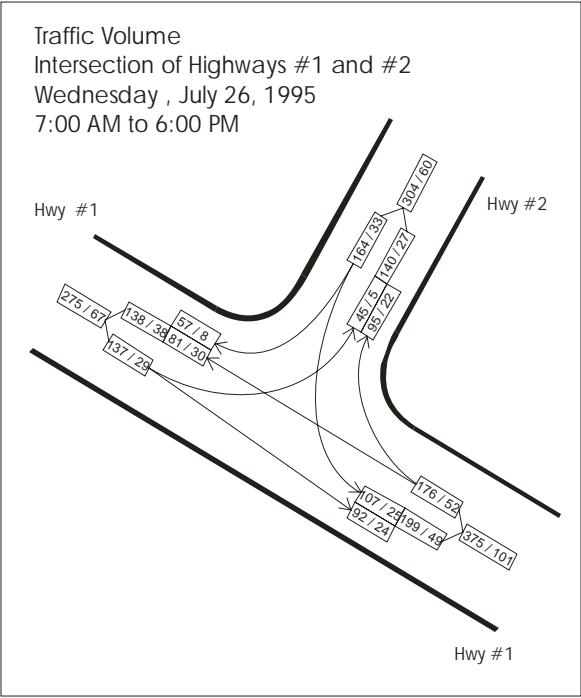


Figure 14 cont.
Short Term Intersection
Volume Counts (1994)

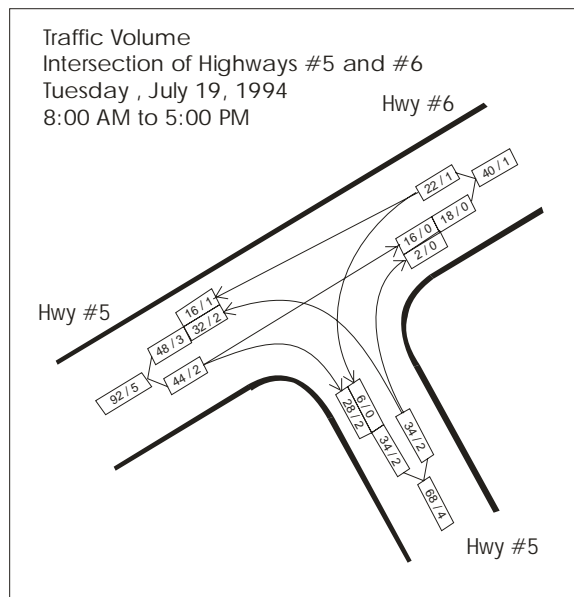
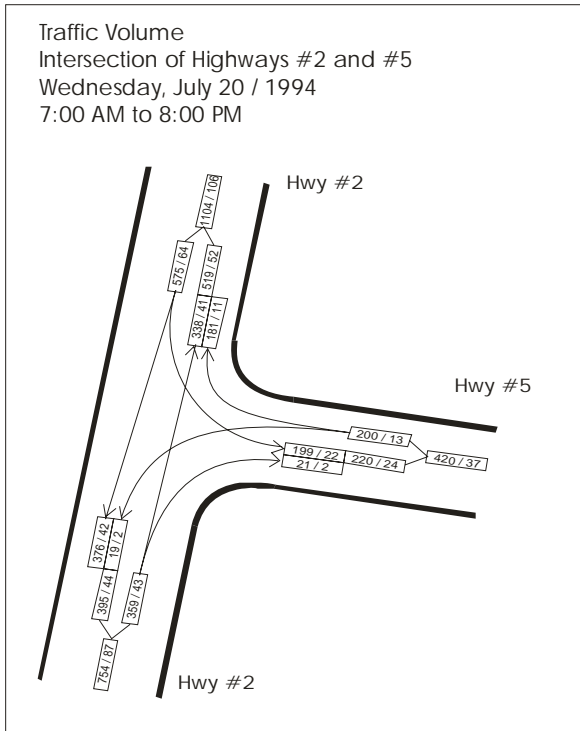
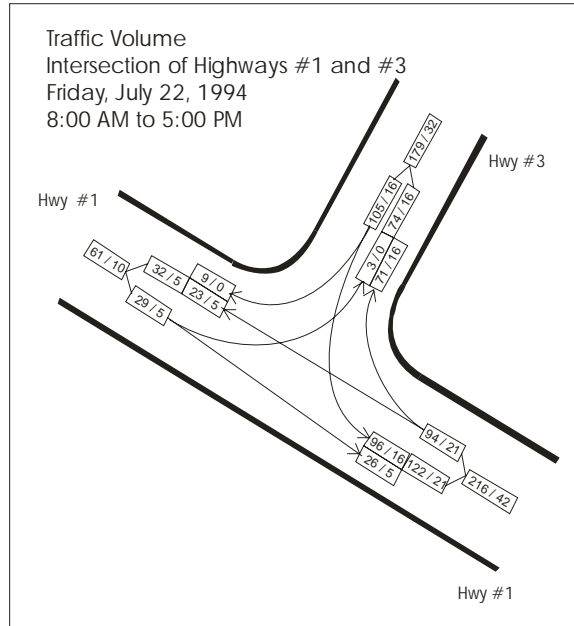
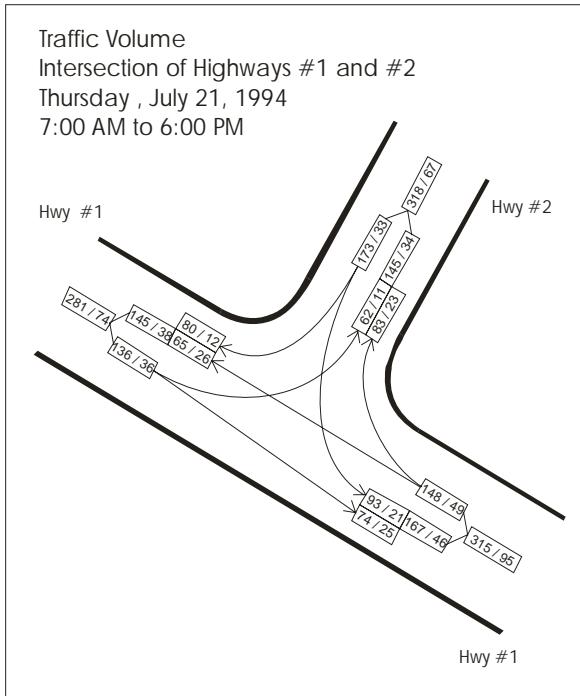


Figure 14 cont.
Short Term Intersection
Volume Counts (1993)

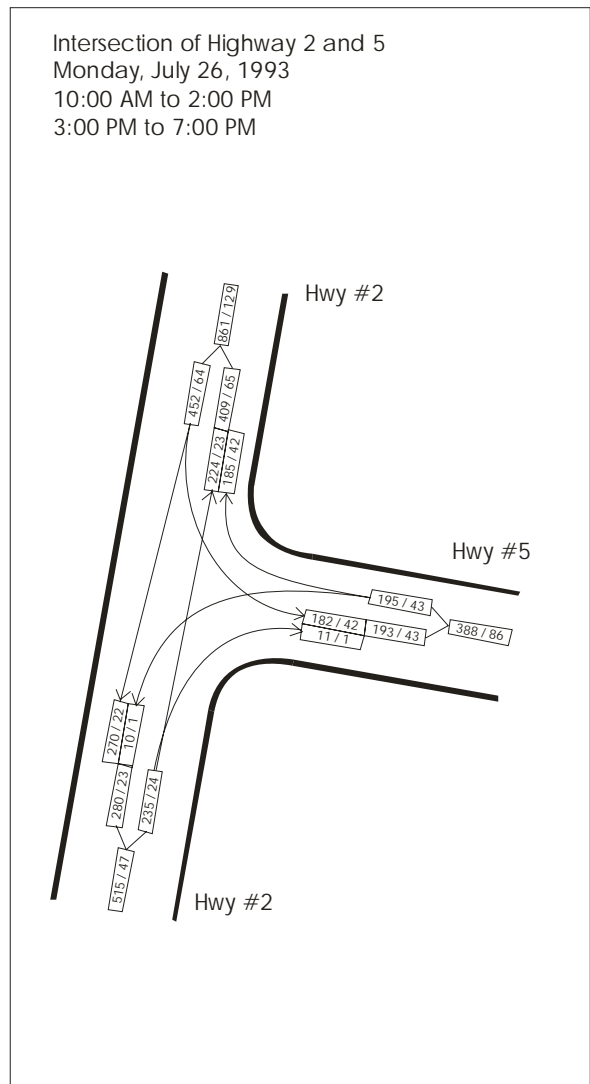
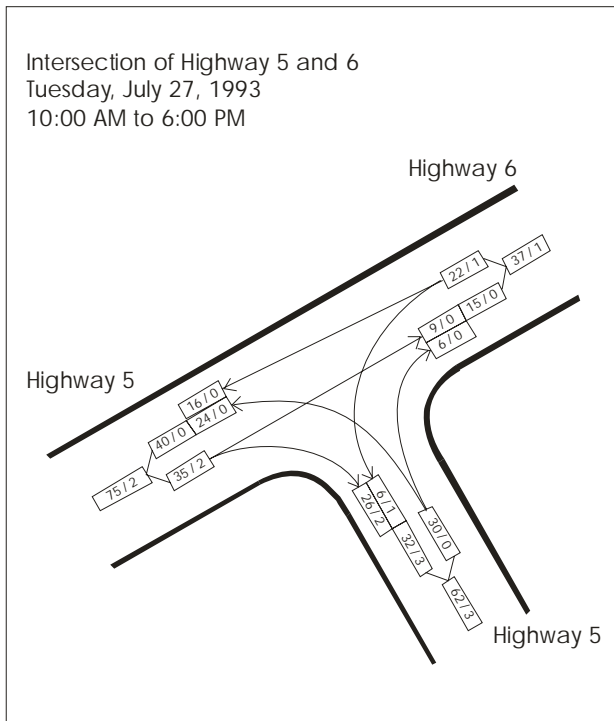
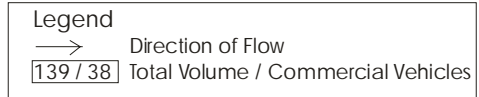
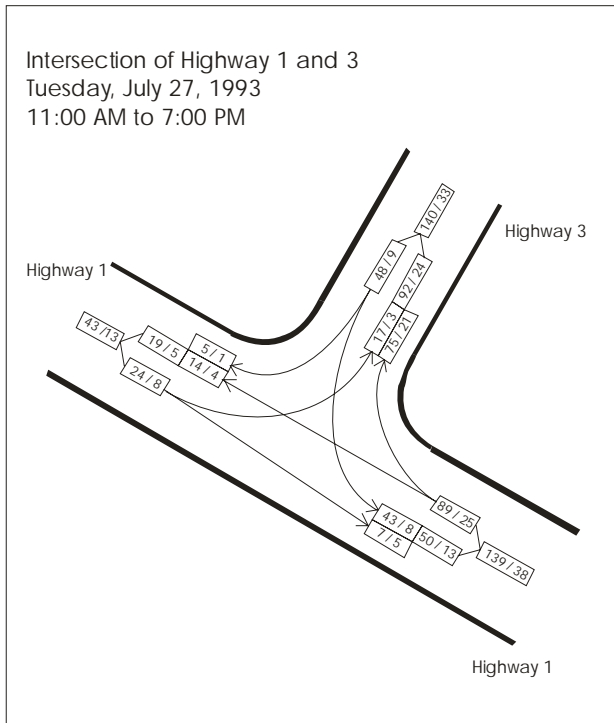
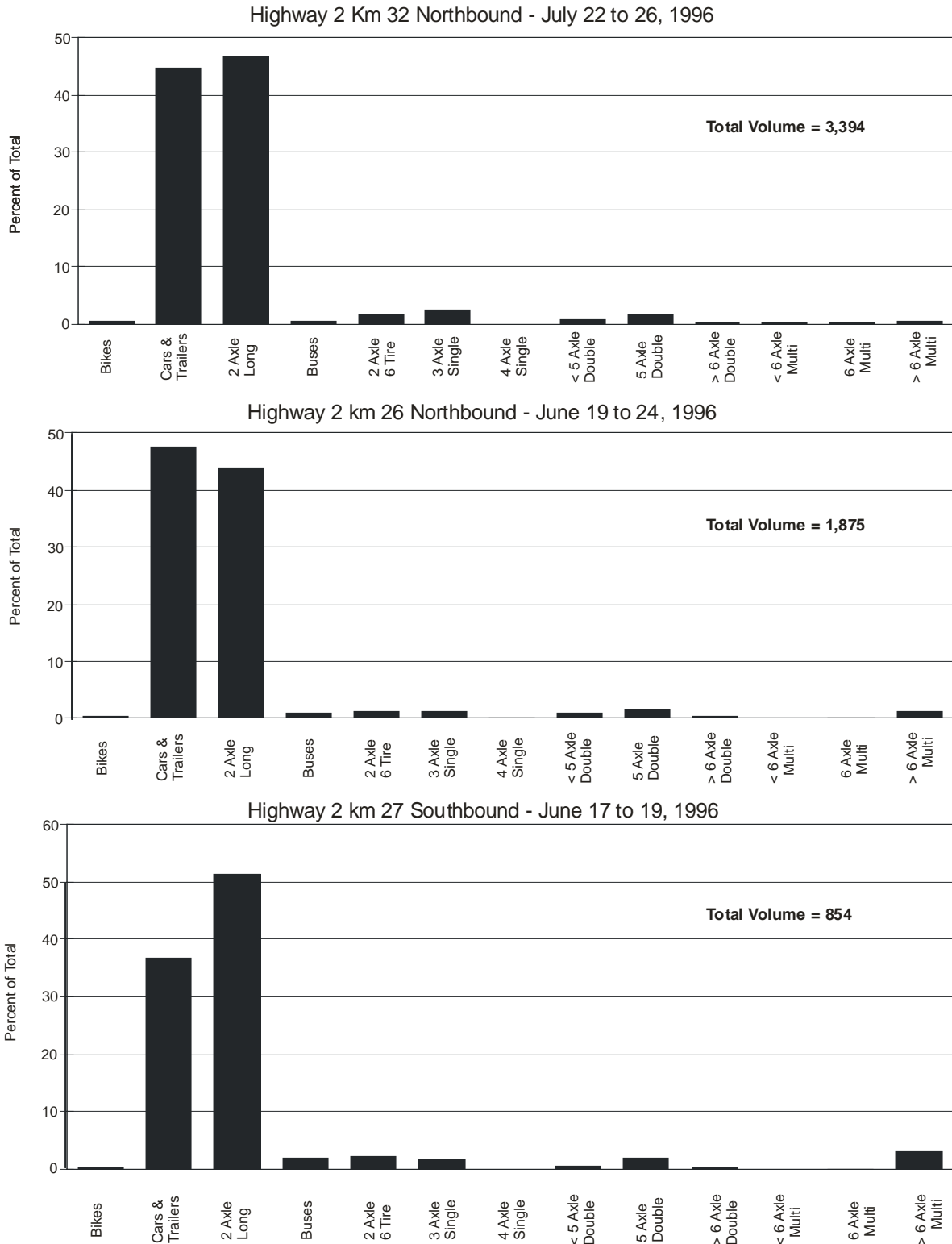


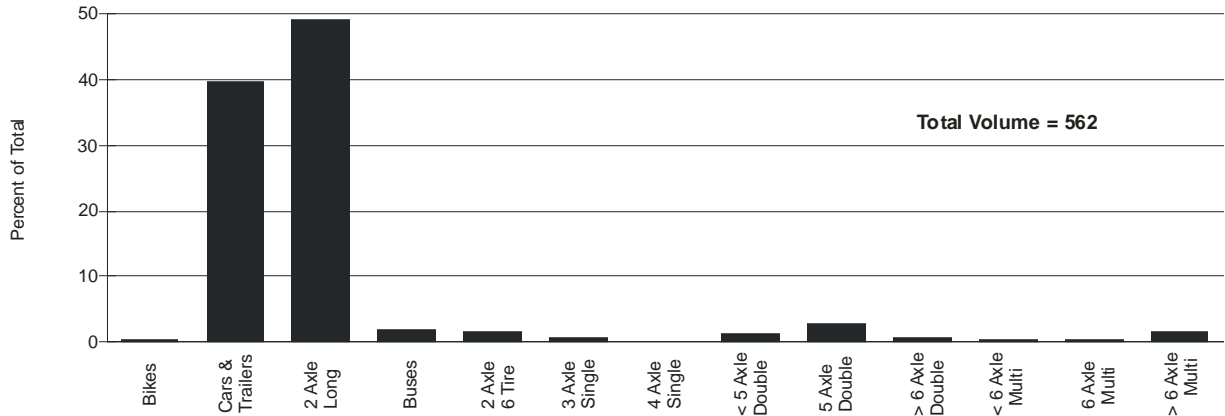
Figure 15
Short-Term Traffic Classification Counts



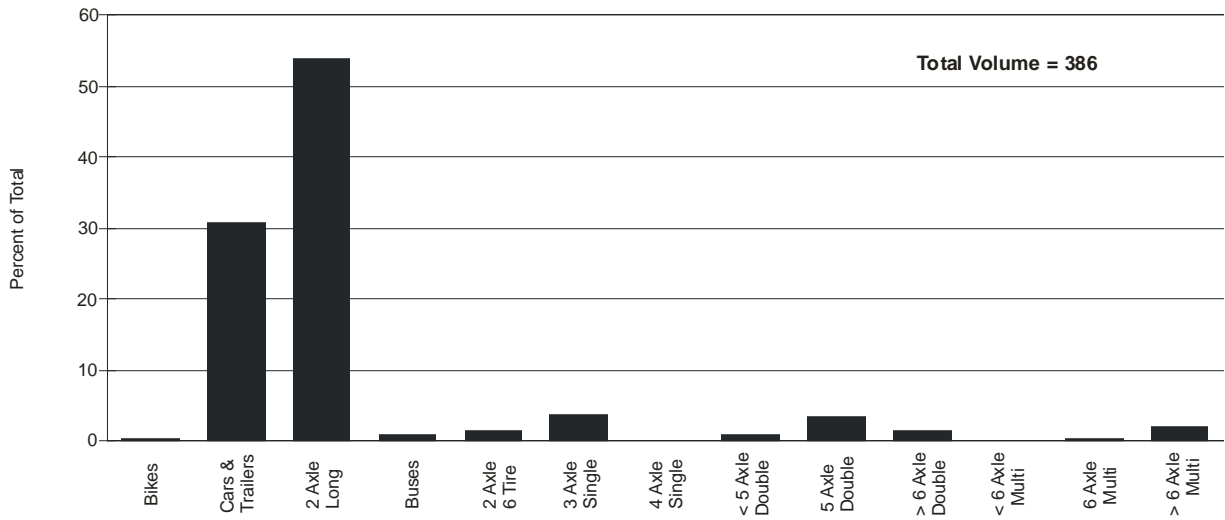
Notes: Detailed information available from the Transportation Planning Division
Volumes indicated are for one lane of traffic only

Figure 15
Short-Term Traffic Classification Counts (continued)

Highway 5 km 3 Westbound (towards Hay River) - July 2 to 8, 1996

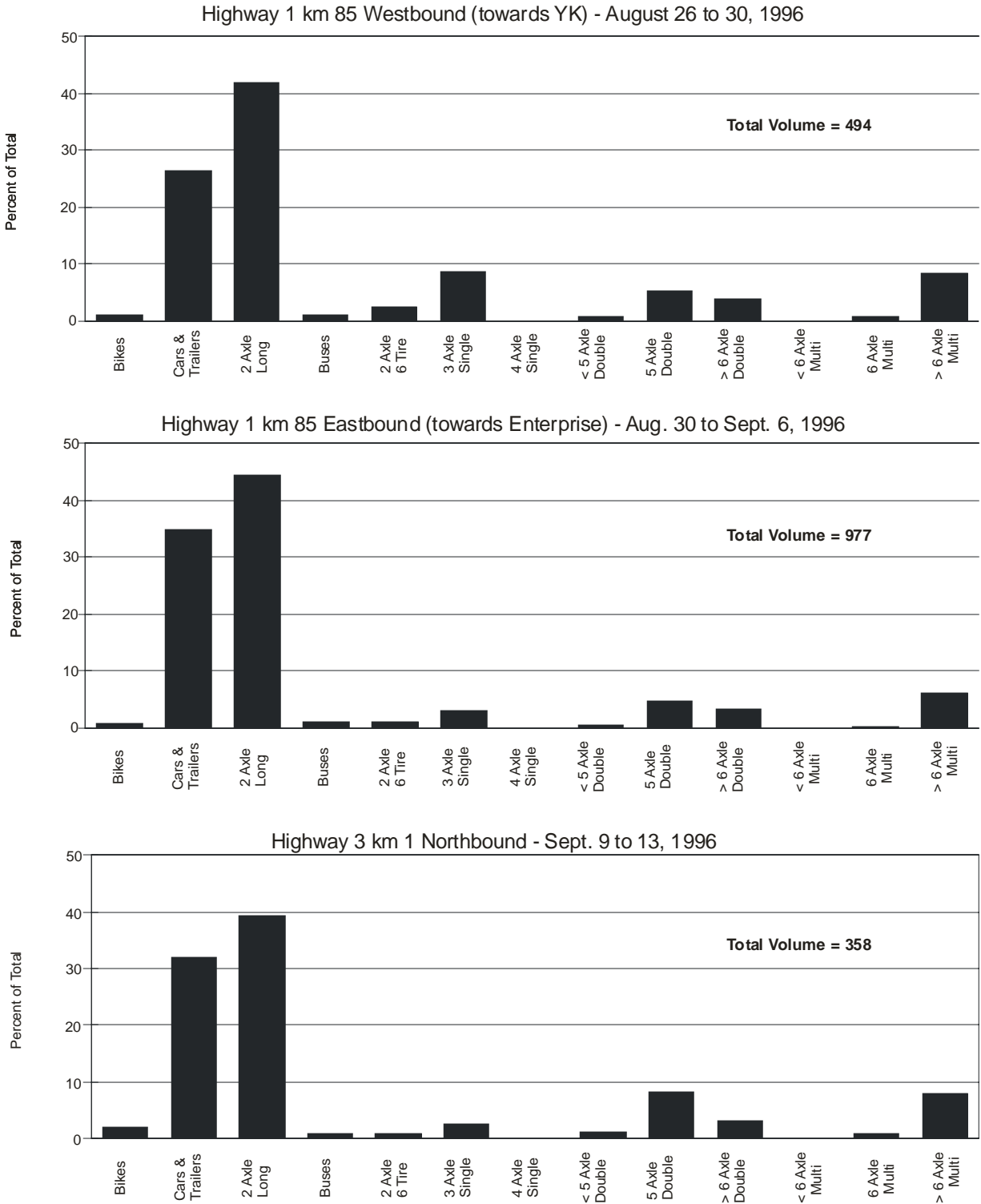


Highway 5 km 3 Eastbound (towards Fort Smith) - June 24 to 28, 1996



Notes: Detailed information available from the Transportation Planning Division
Volumes indicated are for one lane of traffic only

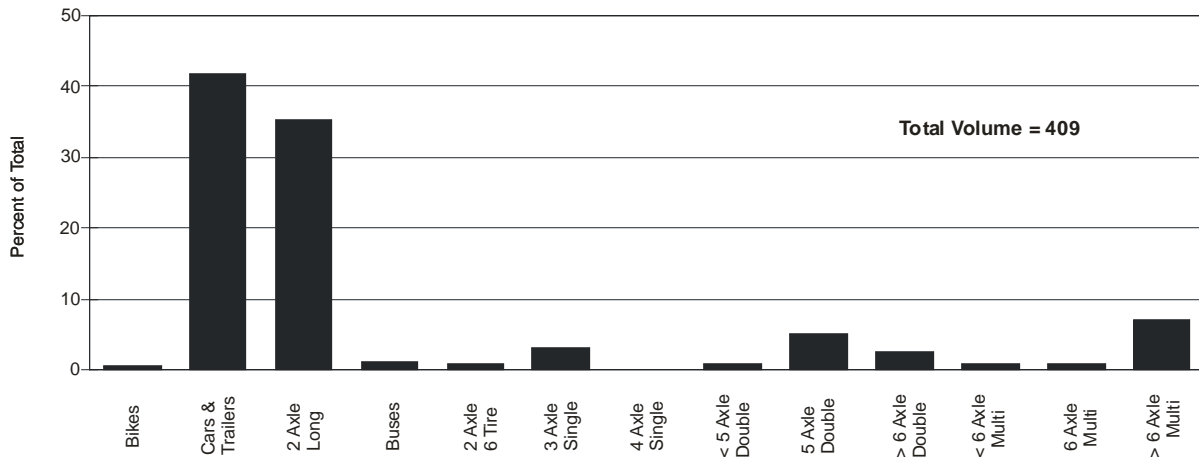
Figure 15
Short-Term Traffic Classification Counts (continued)



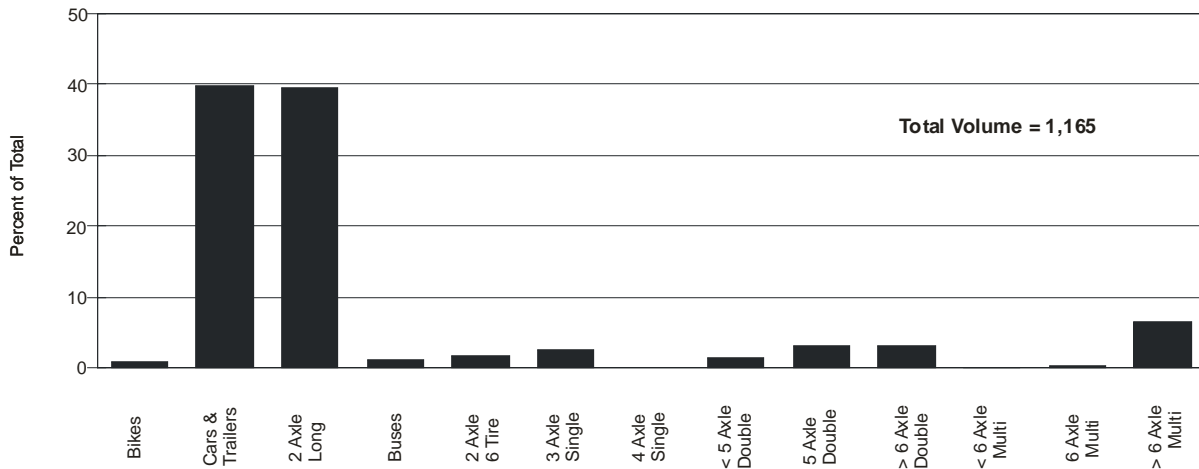
Notes: Detailed information available from the Transportation Planning Division
Volumes indicated are for one lane of traffic only

Figure 15
Short-Term Traffic Classification Counts (continued)

Highway 1 km 82 Northbound - Aug. 20 to 22, 1996



Highway 1 km 82 Southbound - Aug. 12 to 19, 1996



Notes: Detailed information available from the Transportation Planning Division
Volumes indicated are for one lane of traffic only

Appendix A

2000 Traffic Distribution Data at Permanent Counter Locations

LOCATION: Hwy 1, km 58

2002

AADT: 255
 PSADT: 416
 Percentage of Data Collected: 32

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

Time	Percent of AADT
0:00-1:00	2.8
1:00-2:00	2.8
2:00-3:00	2.2
3:00-4:00	2.1
4:00-5:00	2.0
5:00-6:00	2.4
6:00-7:00	2.4
7:00-8:00	2.7
8:00-9:00	3.5
9:00-10:00	4.8
10:00-11:00	5.6
11:00-12:00	6.0
12:00-13:00	5.6
13:00-14:00	6.0
14:00-15:00	6.0
15:00-16:00	6.0
16:00-17:00	6.0
17:00-18:00	5.6
18:00-19:00	5.2
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	3.2
Total	100

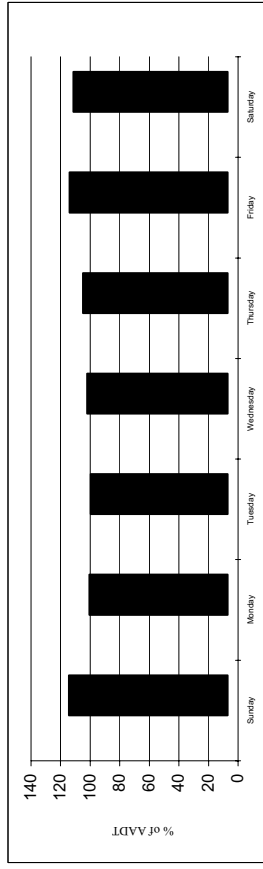
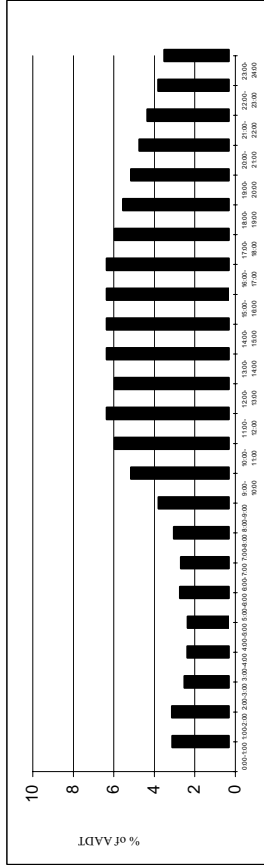
Weekday ADT

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

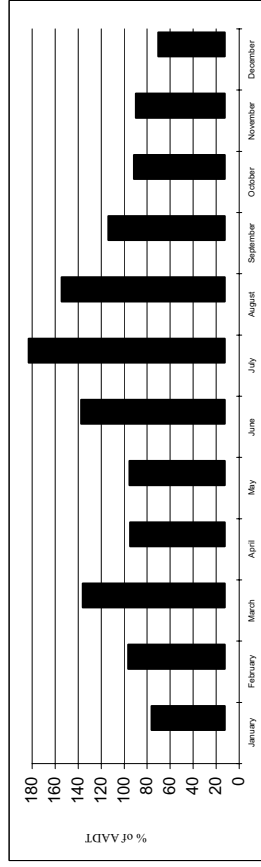
Monthly ADT

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

2002

AADT: 267
 PSADT: 400
 Percentage of Data Collected: 28

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

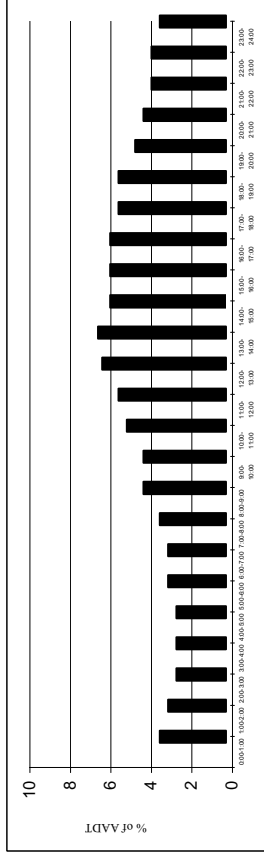
Weekday ADT

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

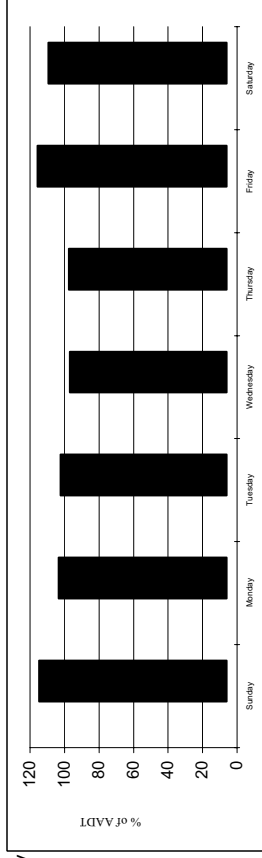
Monthly ADT

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

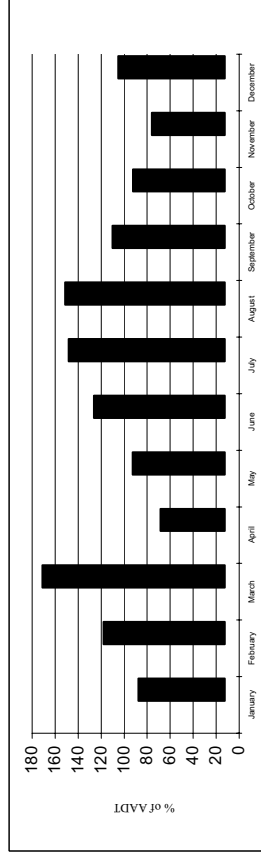
Hourly



Weekday



Monthly



LOCATION: Hwy 1, km 322

2002

AADT: 64
 PSADT: 92
 Percentage of Data Collected: 22

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

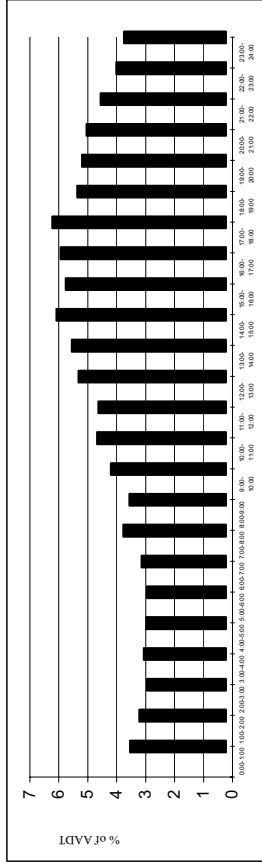
Weekday ADT

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

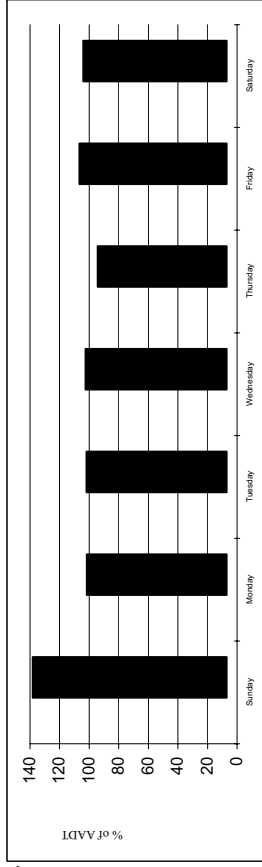
Monthly ADT

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

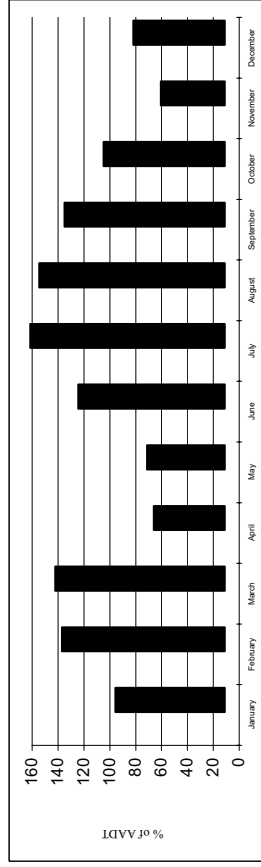
Hourly



Weekday



Monthly



LOCATION: Hwy 1, km 477

2002

AADT: 52
 PSADT: 69
 Percentage of Data Collected: 10

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

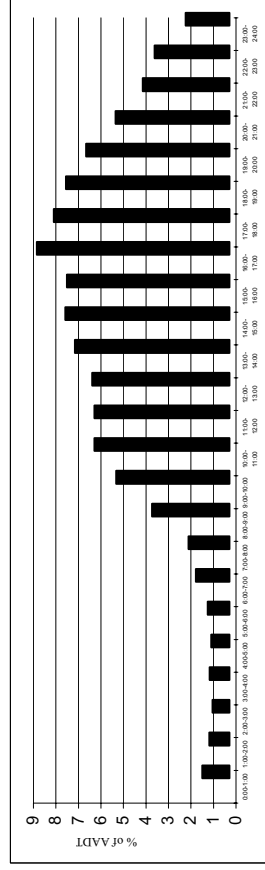
Weekday ADT

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

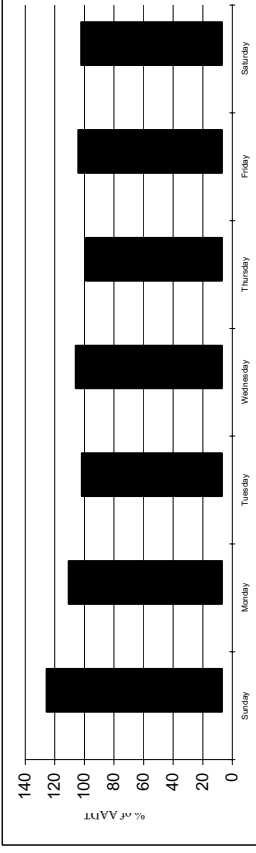
Monthly ADT

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

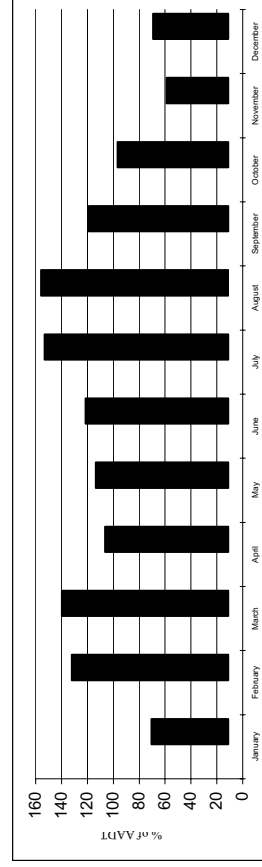
Hourly



Weekday



Monthly



LOCATION: Hwy 2, km 10

2002

AADT: 424

PSADT: 530

Percentage of Data Collected: 38

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

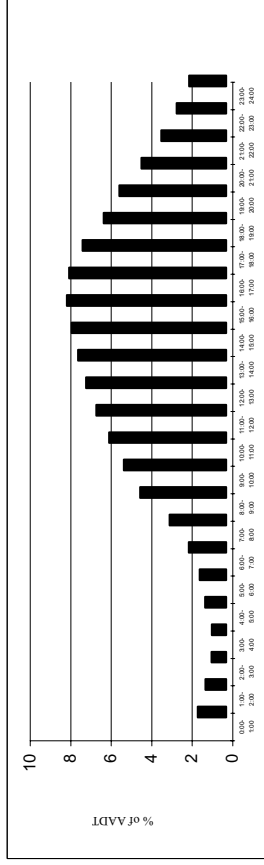
Weekday ADT

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

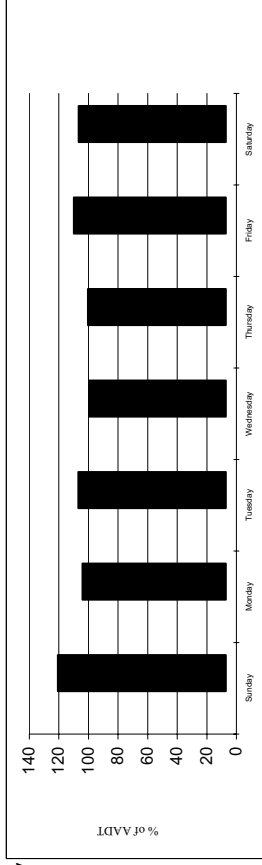
Monthly ADT

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

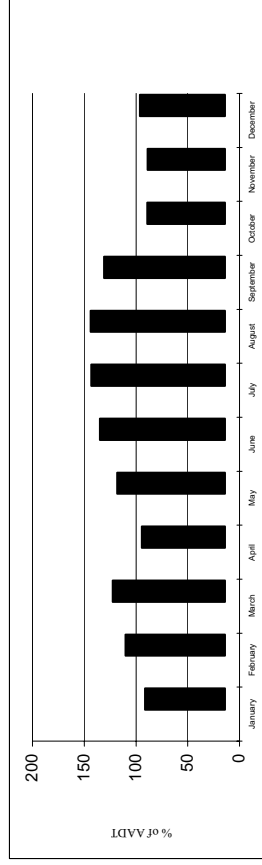
Hourly



Weekday



Monthly



LOCATION: Hwy 2, km 32

2002

AADT: 1420

PSADT: 1972

Percentage of Data Collected: 0

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

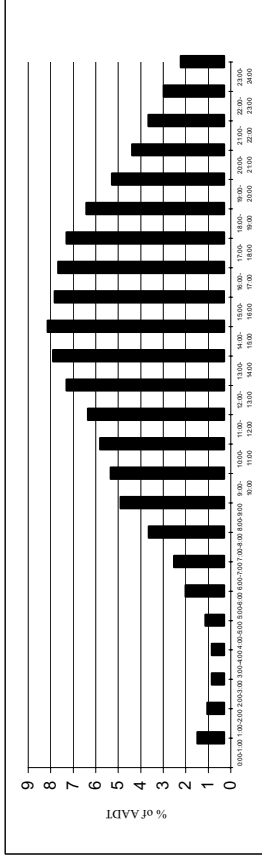
Weekday ADT

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

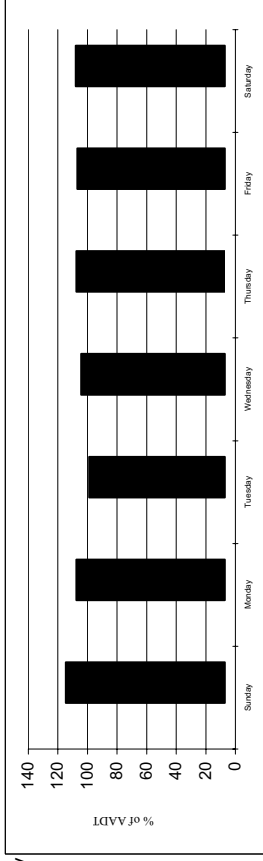
Monthly ADT

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

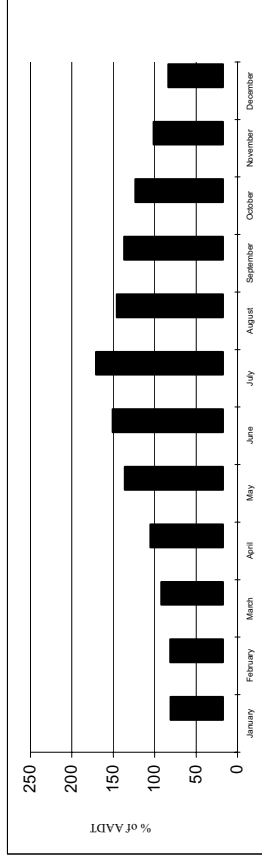
Hourly



Weekday



Monthly



LOCATION: Hwy 2, km 42

2002

AADT: 2586

PSADT: 3201

Percentage of Data Collected: 17

TYPICAL TRAFFIC DISTRIBUTIONS

Hourly Traffic Distribution

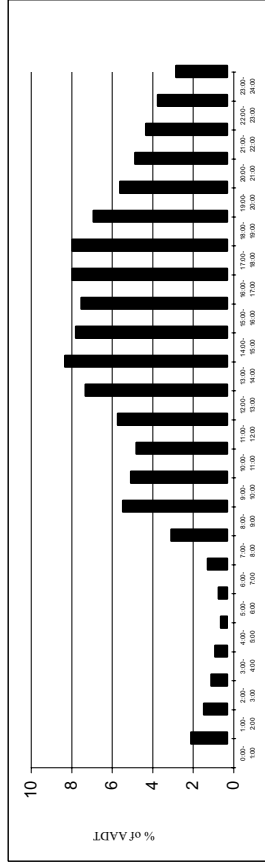
Time	Percent of AADT
0:00-1:00	1.8
1:00-2:00	1.1
2:00-3:00	0.8
3:00-4:00	0.6
4:00-5:00	0.3
5:00-6:00	0.4
6:00-7:00	1.0
7:00-8:00	2.8
8:00-9:00	5.2
9:00-10:00	4.8
10:00-11:00	4.5
11:00-12:00	5.4
12:00-13:00	7.0
13:00-14:00	8.0
14:00-15:00	7.5
15:00-16:00	7.2
16:00-17:00	7.6
17:00-18:00	7.7
18:00-19:00	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

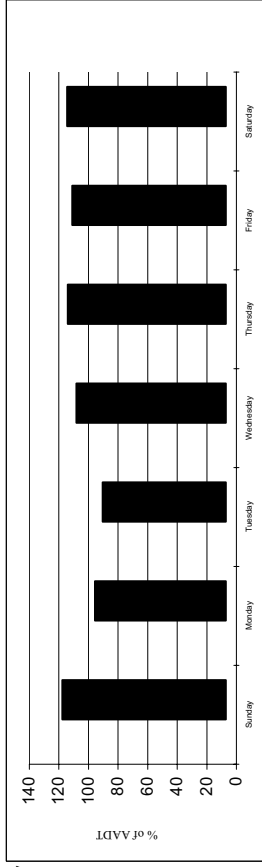
Day of Week	Percent of AADT
Sunday	110.5
Monday	88.4
Tuesday	83.4
Wednesday	101.1
Thursday	107.0
Friday	103.8
Saturday	107.3

Monthly ADT

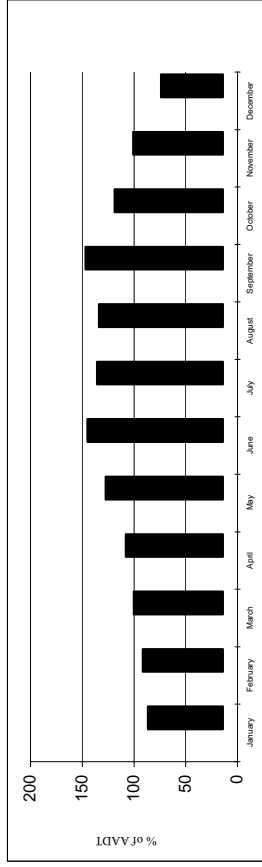
Month	Percent of AADT
January	72.5
February	77.6
March	86.2
April	94.1
May	113.4
June	131.1
July	121.6
August	120.0
September	132.8
October	104.8
November	86.9
December	59.9



Weekday



Monthly



LOCATION: Hwy 3, km 2

2002

AADT: 242

PSADT: 328

Percentage of Data Collected: 53

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

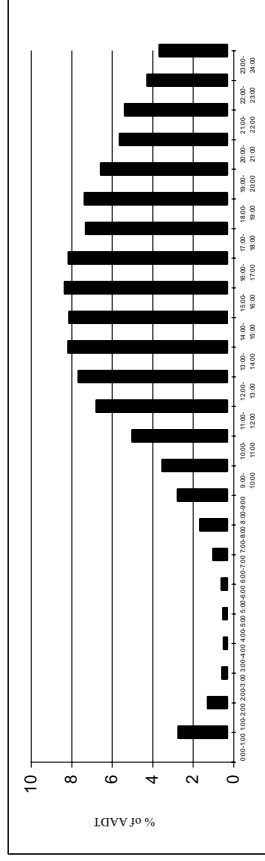
Weekday ADT

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

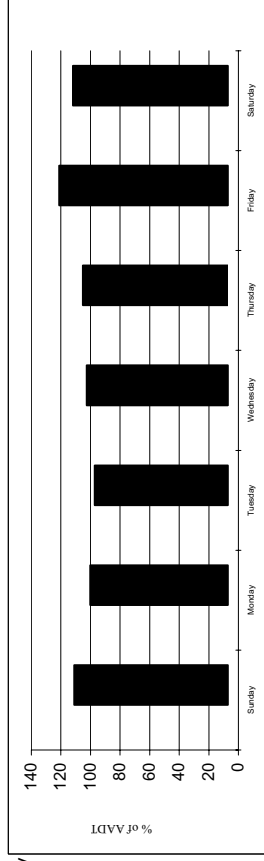
Monthly ADT

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

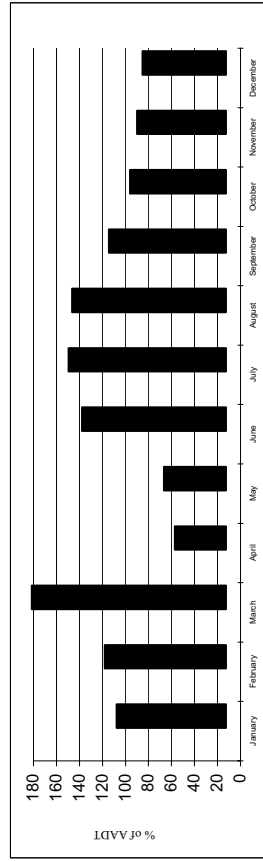
Hourly



Weekday



Monthly



LOCATION: Hwy 3, km 240

2002

637

AADT:

724

PSADT:

17

Percentage of Data Collected:

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

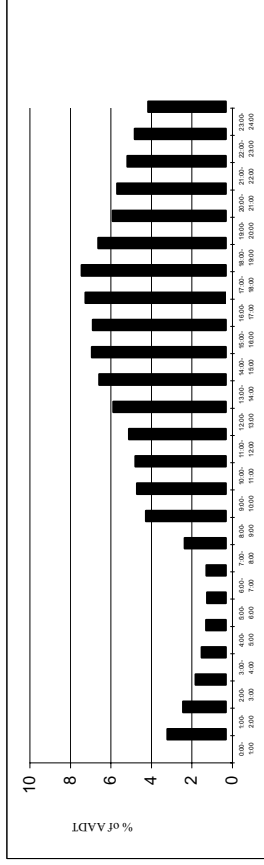
Weekday ADT

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

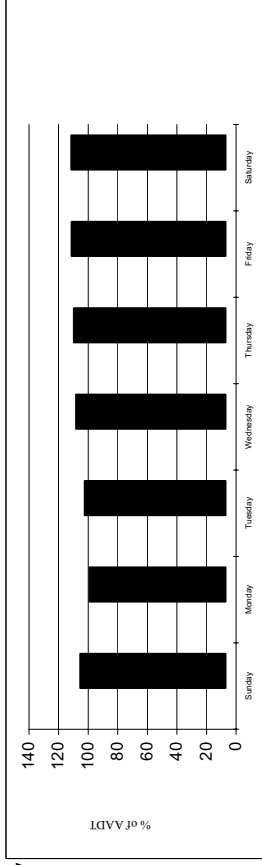
Monthly ADT

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

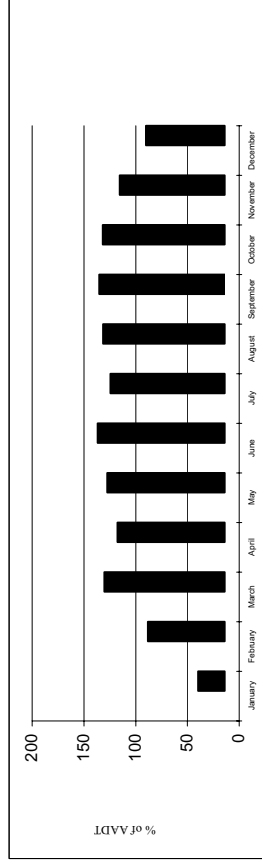
Hourly



Weekday



Monthly



LOCATION: Hwy 3, km 305

2002

AADT: 442
 PSADT: 512
 Percentage of D 0

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

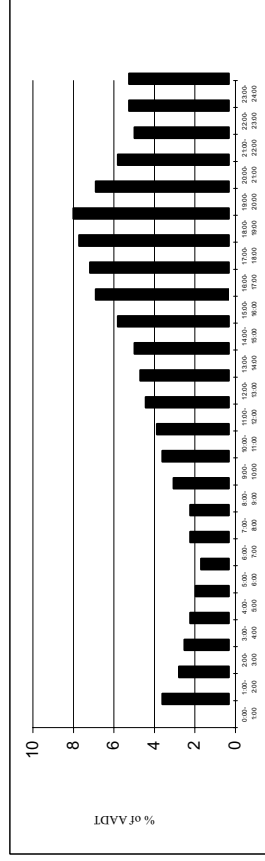
Weekday ADT

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

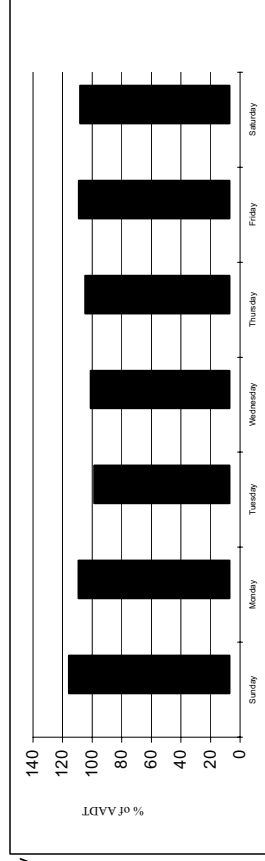
Monthly ADT

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

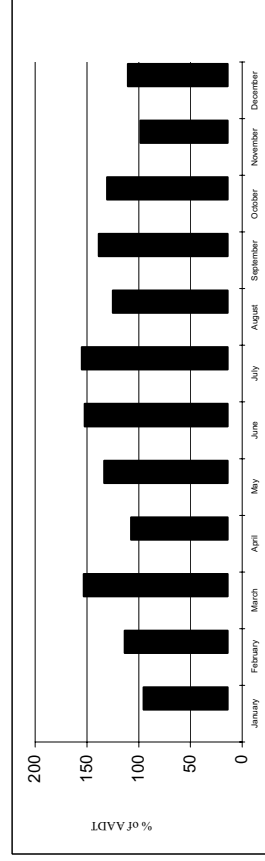
Hourly



Weekday



Monthly



LOCATION: Hwy 3, km 338

2002

AADT: 5459

PSADT: 6507

Percentage of Data Collected: 0

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

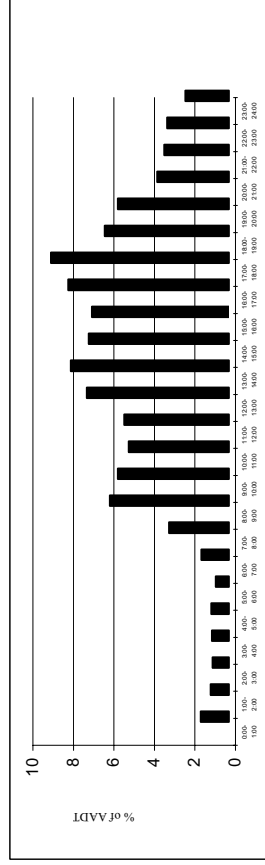
Weekday ADT

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

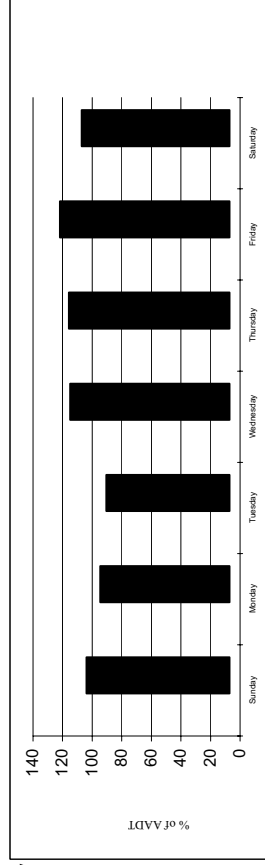
Monthly ADT

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

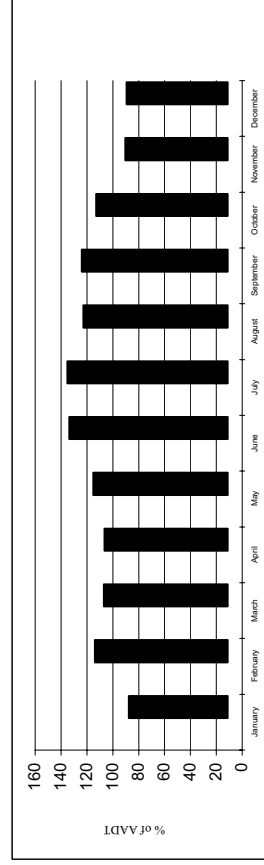
Hourly



Weekday



Monthly



LOCATION: Hwy 4, km 1

2002

1240

AADT:

730

PSADT:

5

Percentage of Data Collected:

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

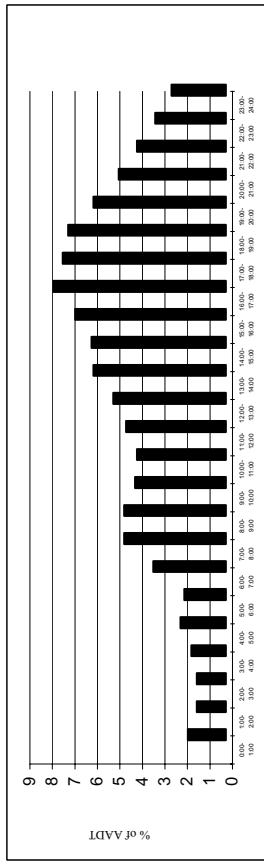
Weekday ADT

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

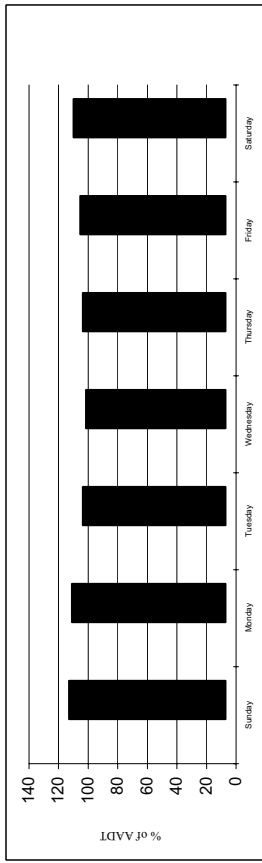
Monthly ADT

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

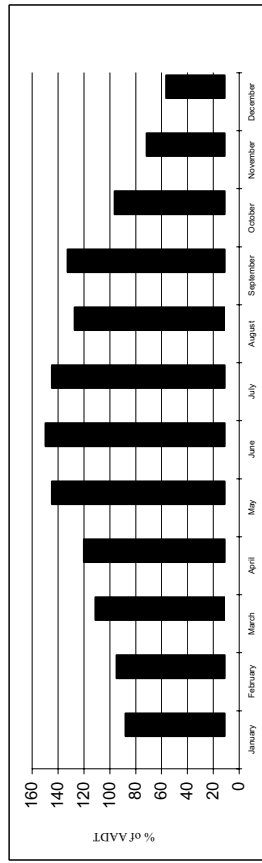
Hourly



Weekday



Monthly



LOCATION: Hwy 4, km 10

2002

AADT: 730

PSADT: 950

Percentage of D 14

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

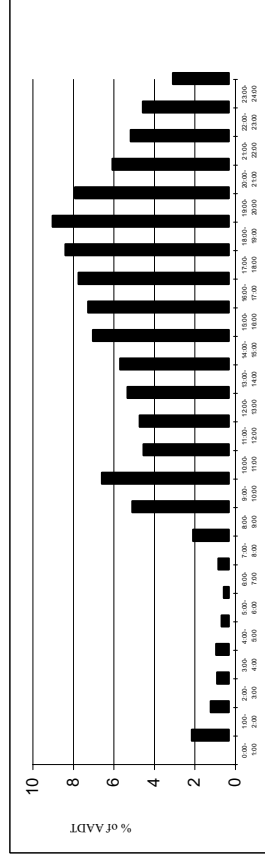
Weekday ADT

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

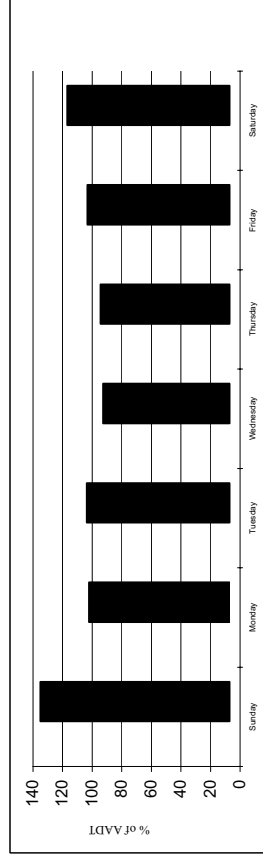
Monthly ADT

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

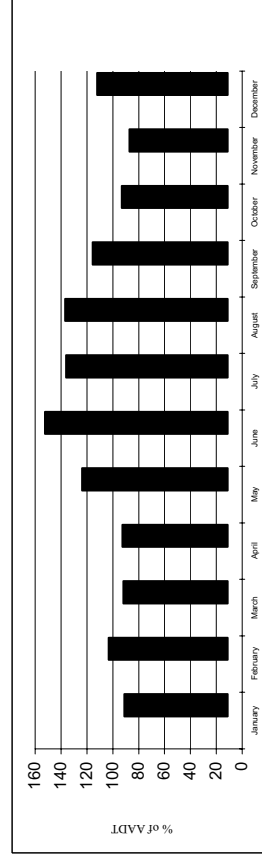
Hourly



Weekday



Monthly



LOCATION: Hwy 4, km 43

2002

AADT: 100

PSADT: 130

Percentage of Data Collected: 28

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

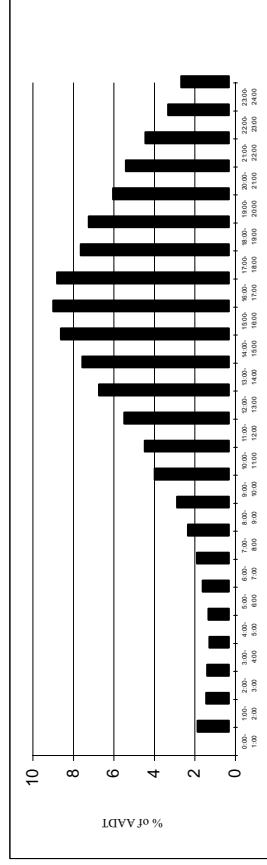
Weekday ADT

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

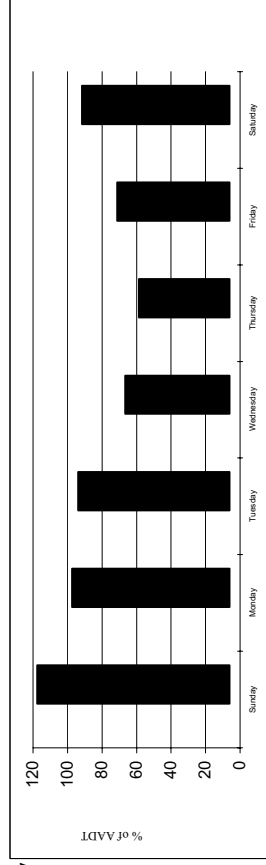
Monthly ADT

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

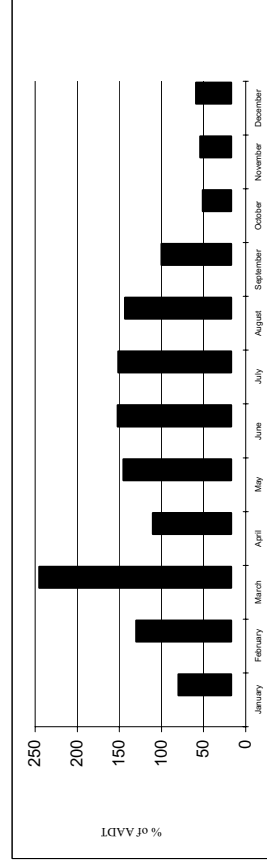
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 1

2002

AADT: 535

PSADT: 708

Percentage of Data Collected: 13

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

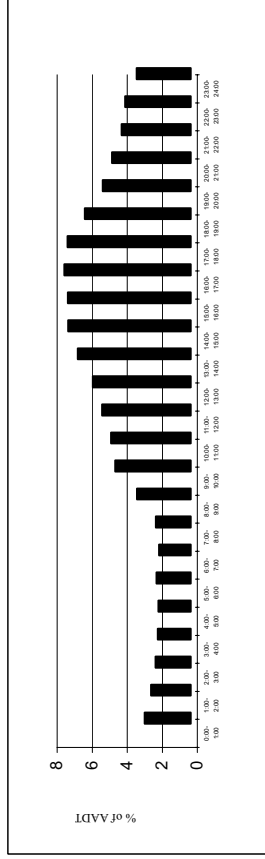
Weekday ADT

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

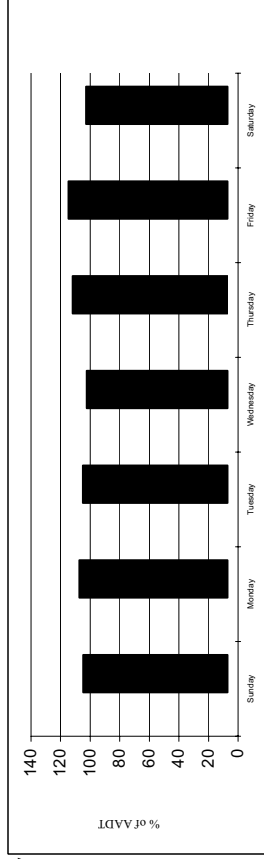
Monthly ADT

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

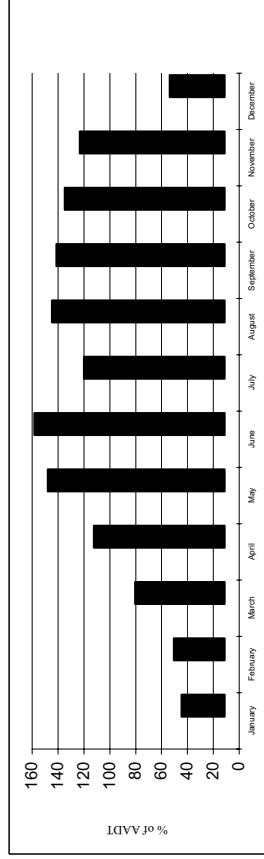
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 19

2002

AADT: 162

PSADT: 221

Percentage of D 9

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

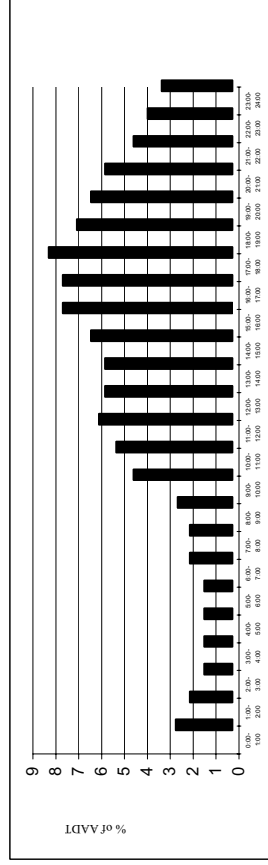
Weekday ADT

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

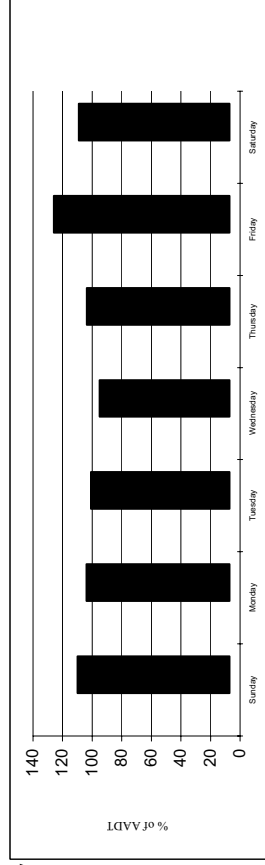
Monthly ADT

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

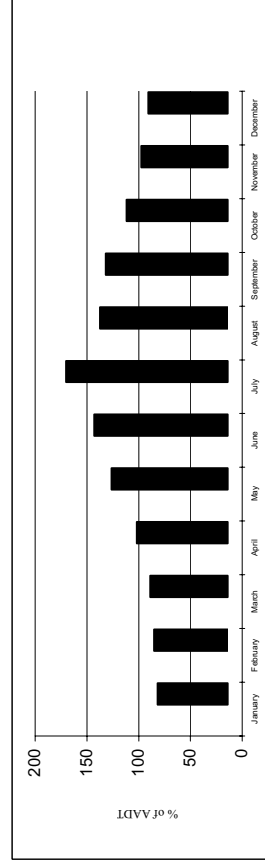
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 65

2002

AADT: 73
PSADT: 98
Percentage of D 15

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

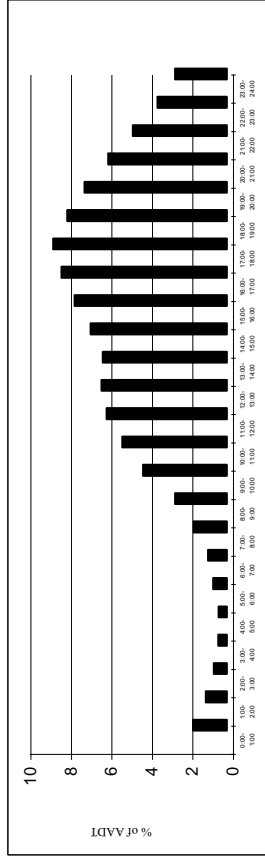
Weekday ADT

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

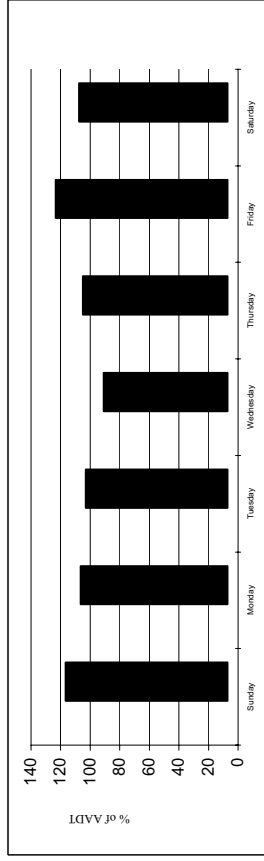
Monthly ADT

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

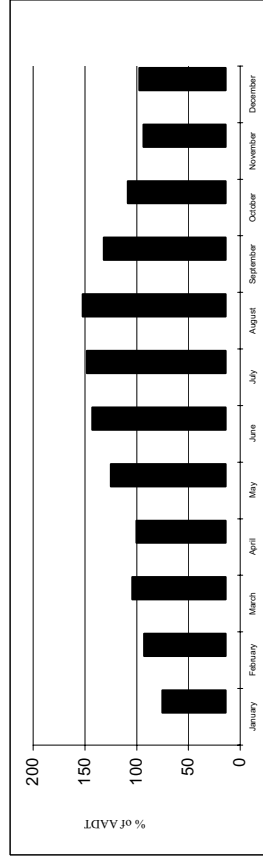
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 232

2002

AADT: 122

PSADT: 188

Percentage of Data Collected: 20

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

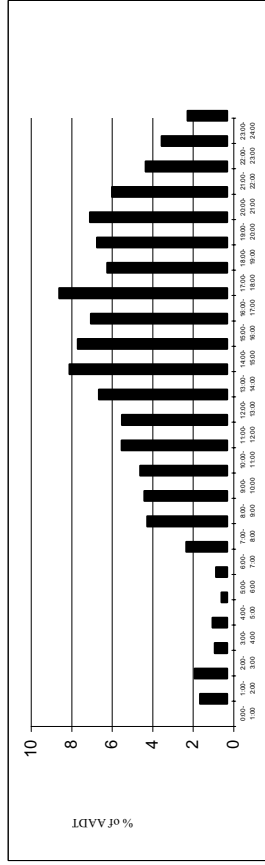
Weekday ADT

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

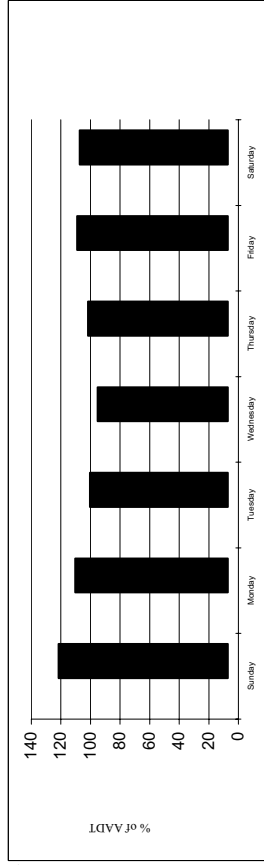
Monthly ADT

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

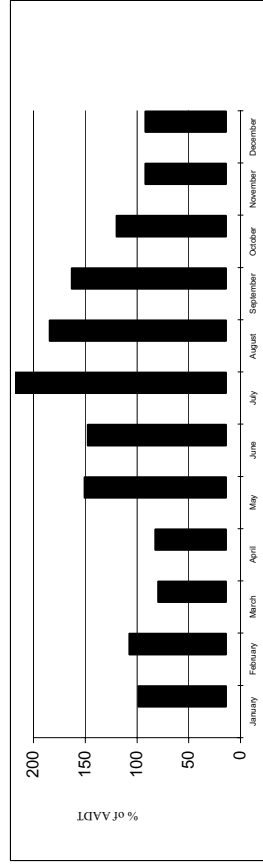
Hourly



Weekday



Monthly



LOCATION: Hwy 5, km 257

2002

AADT: 395

PSADT: 506

Percentage of Data Collected: 0

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

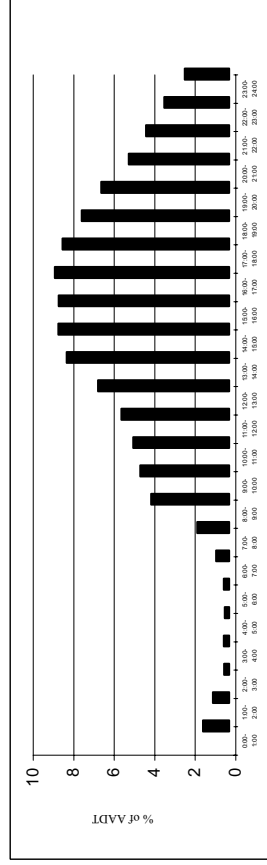
Weekday ADT

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

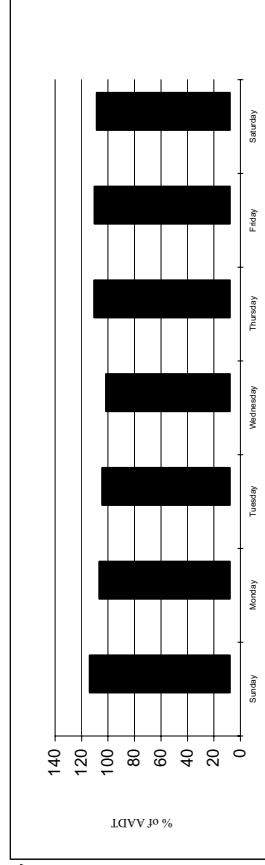
Monthly ADT

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

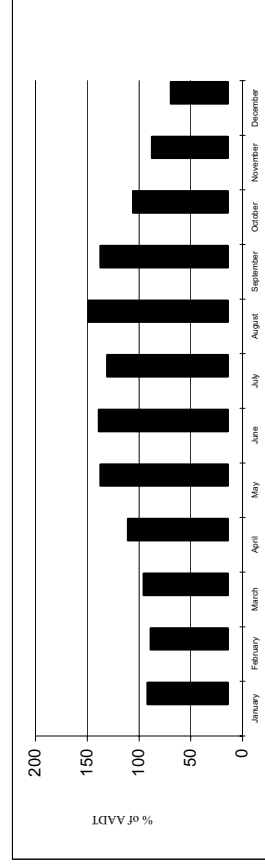
Hourly



Weekday



Monthly



LOCATION: Hwy 6, km 30

2002

AADT: 81

110

42

PSADT:

Percentage of Data Collected:

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

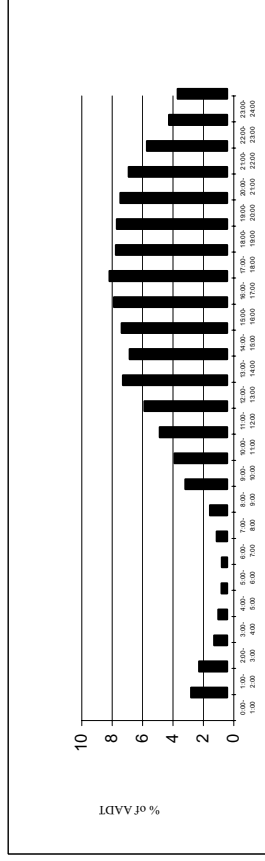
Weekday ADT

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

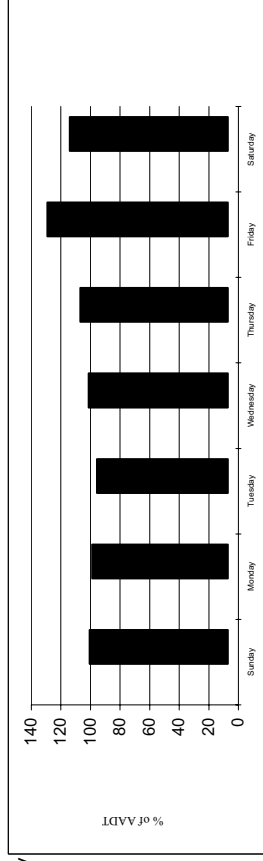
Monthly ADT

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

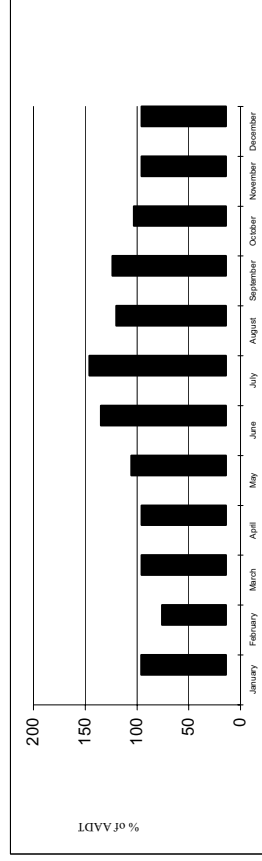
Hourly



Weekday



Monthly



LOCATION: Hwy 6, km 74

2002

AADT: 102
PSADT: 137
Percentage of D 44

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

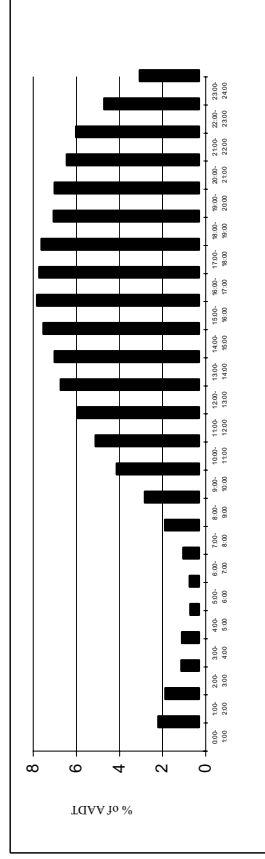
Weekday ADT

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

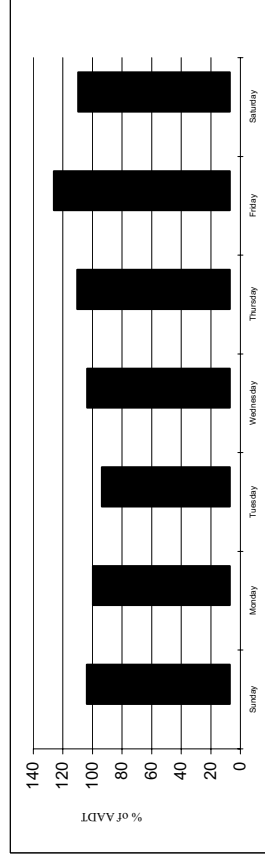
Monthly ADT

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

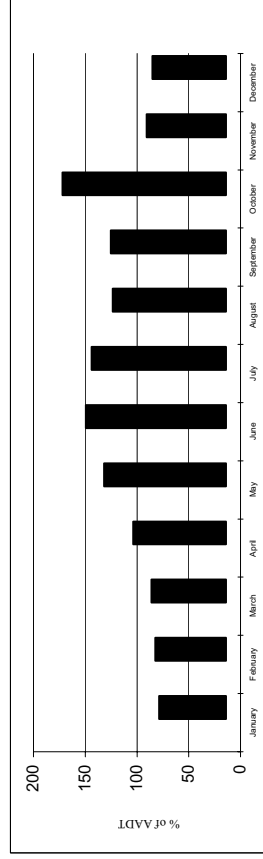
Hourly



Weekday



Monthly



LOCATION: Hwy 7, km 35

2002

AADT: 120

PSADT: 130

Percentage of Data Collected: 0

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

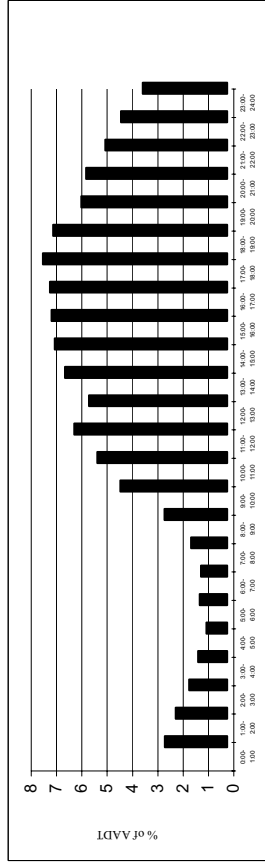
Weekday ADT

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

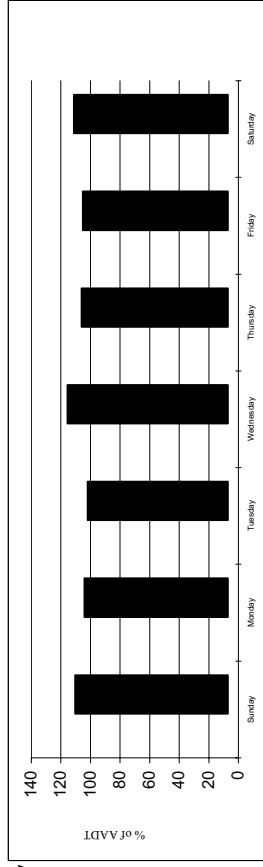
Monthly ADT

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

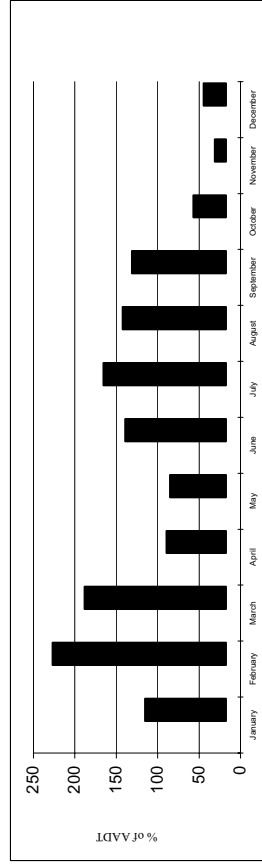
Hourly



Weekday



Monthly



LOCATION: Hwy 7, km 253

2002

AADT: 33

PSADT: 37

Percentage of Data Collected: 24

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	2.2
9:00-10:00	3.2
10:00-11:00	6.3
11:00-12:00	5.3
12:00-13:00	6.3
13:00-14:00	6.9
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	101

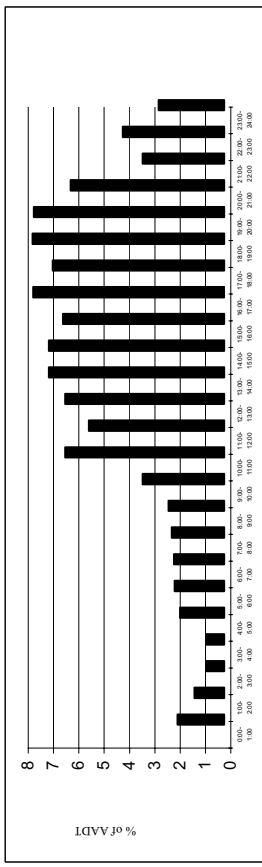
Weekday ADT

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

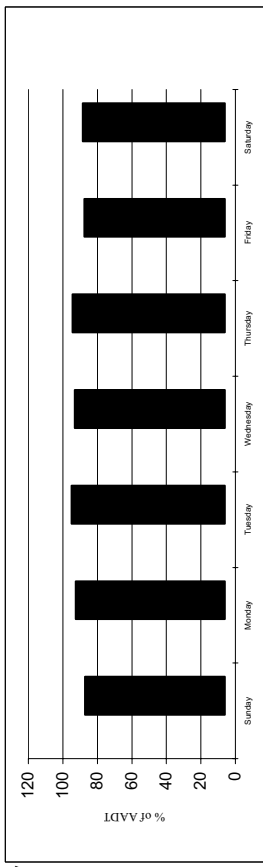
Monthly ADT

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

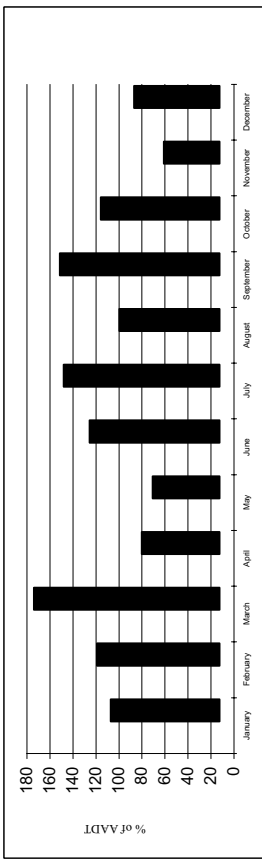
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 34

2002

AADT: 50

PSADT: 100

Percentage of Data Collected: 25

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

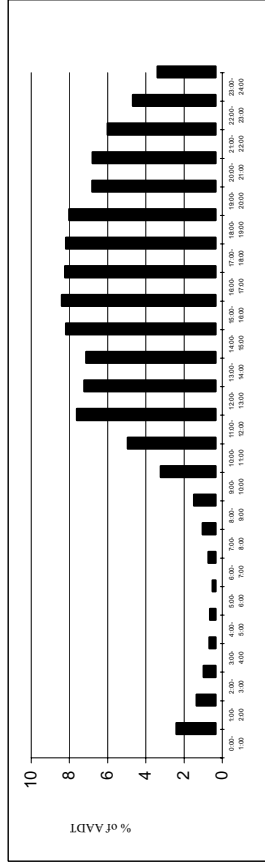
Weekday ADT

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

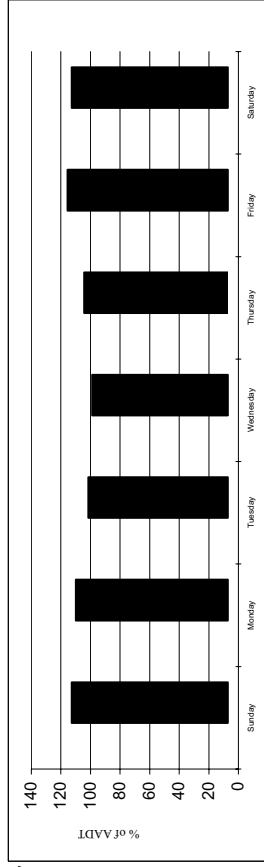
Monthly ADT

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

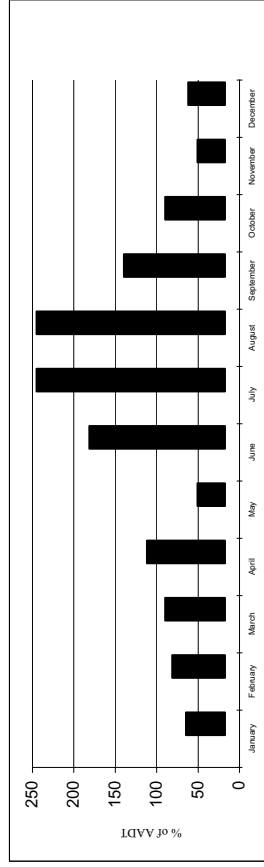
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 90

2002

AADT: 84

PSADT: 169

Percentage of Data Collected: 35

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

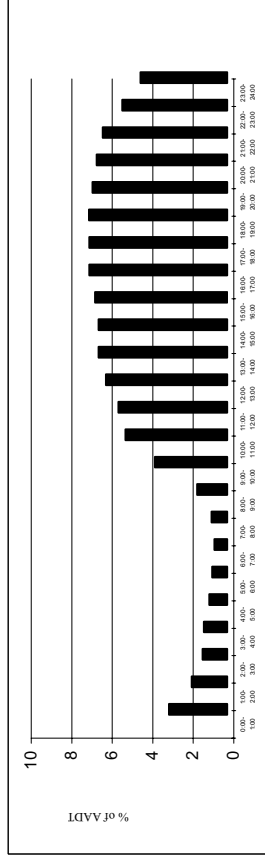
Weekday ADT

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

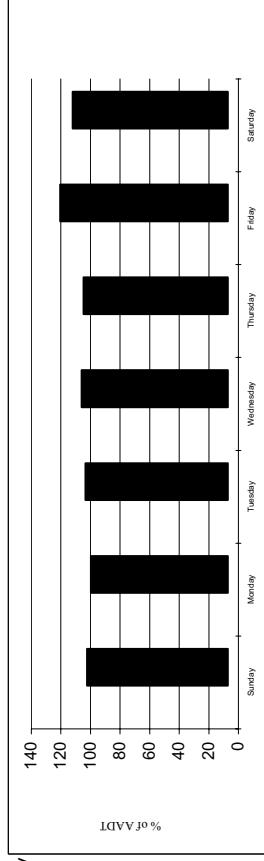
Monthly ADT

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

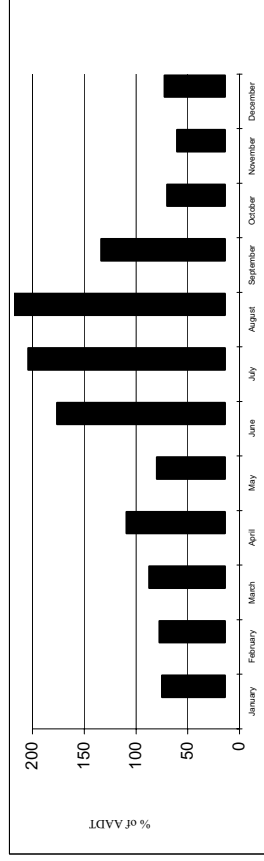
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 243

2002

AADT: 78
 PSADT: 126
 Percentage of Data Collected: 0

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

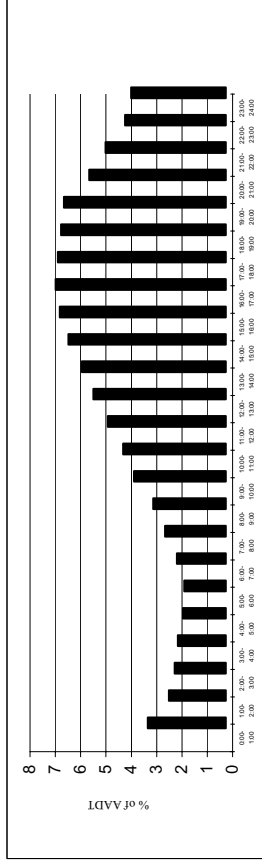
Weekday ADT

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

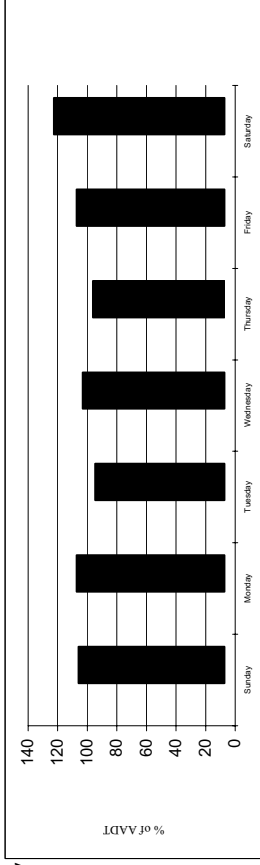
Monthly ADT

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

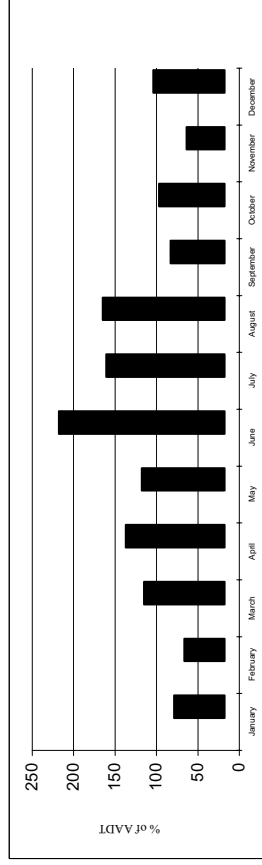
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 260

2002

AADT: 687
 PSADT: 901
 Percentage of Data Collected: 32

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

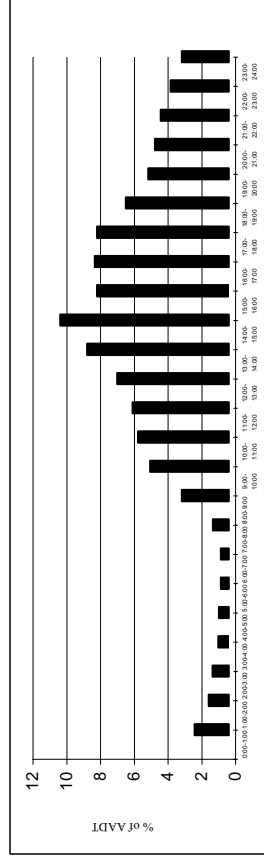
Weekday ADT

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

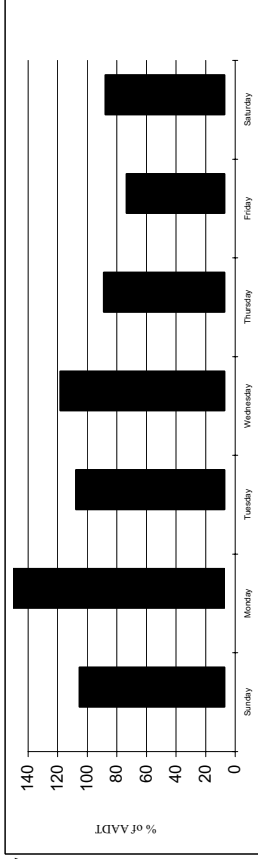
Monthly ADT

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

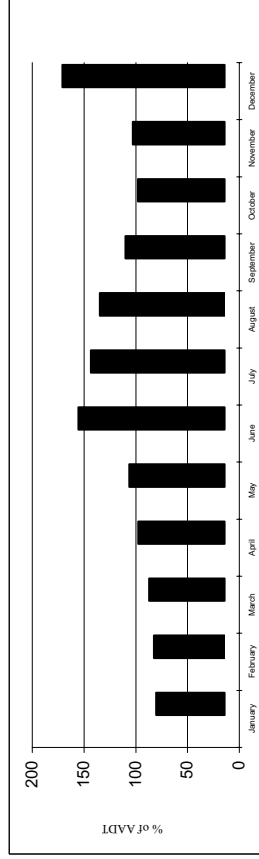
Hourly



Weekday



Monthly



LOCATION: Hwy 8, km 268

2002

AADT: 1213
 PSADT: 1640
 Percentage of D 48

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

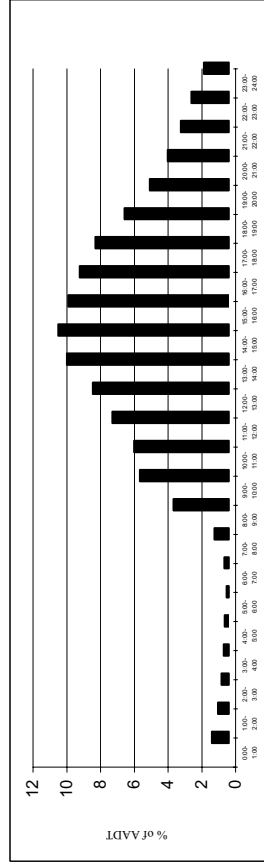
Weekday ADT

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

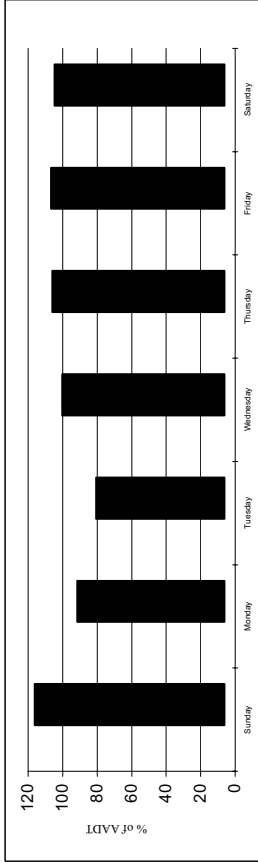
Monthly ADT

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

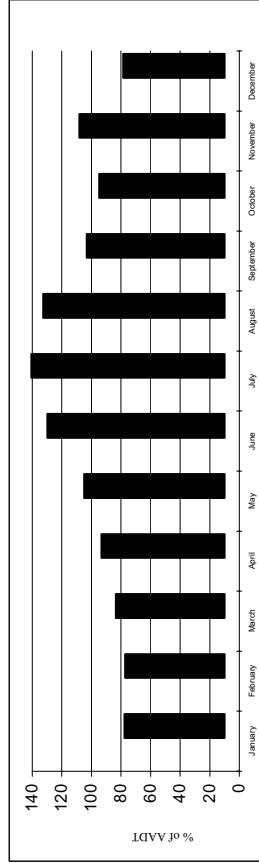
Hourly



Weekday



Monthly



Appendix B

Short-Term Visual Traffic Count Data at Selected Locations

Traffic Movement Summary Sheet

Location: Intersection of Hwy #1 and Hwy #3

Date: Tuesday, July 25 / 00

Surveyor: PAO - Planning

Vehicle classification

- 1 Motorcycles
- 2 Passenger Cars
- 3 Two Axle, 4 Tire Single Units
- 4 Buses
- 5 Two Axle, 6 Tire Single Units
- 6 Three Axle Single Units
- 7 Four or More Axle Single Units
- 8 Four or Less Axle Single Trailers
- 9 Five Axle Single Trailers
- 10 Six or More Axle Single Trailers
- 11 Five or Less Axle Train
- 12 Six Axle Train
- 13 Seven Axle Train
- 14 Eight Axle Train
- 15 Nine Axle Train
- 16 RV
- 17 Construction Equipment

Eastbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total
	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt			
8-9																																			0
9-10																																			0
10-11																																			4
11-12																																			1
12-13																																			2
13-14																																			2
14-15																																			1
15-16																																			1
16-17																																			2
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	

Southbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total
	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt			
8-9																																			8
9-10																																			2
10-11																																			5
11-12																																			8
12-13																																			9
13-14																																			8
14-15																																			12
15-16																																			7
16-17																																			6
Total	0	0	13	3	38	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	0	65	
%	0.0	0.0	20.0	4.6	58.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	3.1	0.0	3.1	0.0	0.0	0.0	0.0	0.0	100		

Westbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total
	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt			
8-9																																			3
9-10																																			9
10-11																																			11
11-12																																			12
12-13																																			14
13-14																																			17
14-15																																			13
15-16																																			11
16-17																																			6
Total	1	5	4	14	12	32	0	0	1	0	3	0	1	0	0	0	5	3	3	2	0	0	0	0	0	3	1	4	0	0	1	0	1	96	
%	1.0	5.2	4.2	14.6	12.5	33.3	0.0	0.0	1.0	0.0	3.1	0.0	3.1	0.0	0.0	5.2	3.1	3.1	2.1	2.1	0.0	0.0	0.0	0.0	3.1	1.0	4.2	0.0	0.0	1.0	0.0	1.0	100		

Total Vehicles: 174

Traffic Movement Summary Sheet

Location: Intersection of Hwy #2 and Hwy #5

Date: Friday, July 28 / 00

Surveyor: PAO - Planning

Vehicle classification

- 1 Motorcycles
- 2 Passenger Cars
- 3 Two Axle, 4 Tire Single Units
- 4 Buses
- 5 Two Axle, 6 Tire Single Units
- 6 Three Axle Single Units
- 7 Four or More Axle Single Units
- 8 Four or Less Axle Single Trailers
- 9 Five Axle Single Trailers
- 10 Six or More Axle Single Trailers
- 11 Five or Less Axle Train
- 12 Six Axle Train
- 13 Seven Axle Train
- 14 Eight Axle Train
- 15 Nine Axle Train
- 16 RV
- 17 Construction Equipment

Southbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total
	thru	rt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt			
7-8			1	6	6	9			1																										24
8-9			8	7	5	9	24	1				1																							56
9-10			3	2	17	13			2	1																									43
10-11			5	7	22	21			2	1																									66
11-12			3	1	24	11						2																							44
12-13			14	8	16	16			1																										61
13-14			10	8	33	23			1																										81
14-15			11	9	22	17			2	3																									74
15-16			6	4	24	20			1																										67
16-17			16	10	27	25	1																												87
Total	0	0	76	60	200	179	2	0	12	5	6	7	0	4	2	0	10	14	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	603
%	0.3	0.0	12.6	10.0	33.2	29.7	0.3	0.0	2.0	0.8	1.0	1.2	0.0	0.7	0.3	0.0	1.7	2.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	

Northbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total	
	thru	rt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt		
7-8			11	1	10																															25
8-9			12	1	9																															27
9-10			5	5	10	4																													21	
10-11			6	1	18	1																													34	
11-12			5	2	19				2																										29	
12-13			5	2	28	2																													39	
13-14			5	2	22	1																													38	
14-15			11	25	1																														42	
15-16			15	18	1																														41	
16-17			13	27	3																														53	
Total	0	0	88	5	186	13	0	0	10	0	5	3	1	0	3	0	8	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	349	
%	0.9	0.0	25.2	1.4	53.3	3.7	0.0	0.0	2.9	0.0	1.4	0.9	0.3	0.0	0.9	0.0	2.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Westbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total	
	thru	rt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt	thru	lt		
7-8			1	2	2	2																														7
8-9			3	1	9	1																														14
9-10			6	1	22	3																														37
10-11			5	1	23	5																														36
11-12			6	25																																40
12-13			8	3	23	3																														39
13-14			8	16	2																															29
14-15			11	3	20	1																														42
15-16			10	1	36	3																														56
16-17			10	5	37	1																														59
Total	0	0	68	17	213	21	1	1	5	0	7	1	3	0	0	0	3	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	359	
%	0.0	0.0	18.9	4.7	59.3	5.8	0.3	0.3	1.4	0.0	1.9	0.3	0.8	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	

Total Vehicles: 1311

Traffic Movement Summary Sheet

Location: Intersection of Hwy #5 and Hwy #6

Date: Thursday, July 27 / 00

Surveyor: PAO - Planning

Vehicle classification

- 1 Motorcycles
- 2 Passenger Cars
- 3 Two Axle, 4 Tire Single Units
- 4 Buses
- 5 Two Axle, 6 Tire Single Units
- 6 Three Axle Single Units
- 7 Four or More Axle Single Units
- 8 Four or Less Axle Single Trailers
- 9 Five Axle Single Trailers
- 10 Six or More Axle Single Trailers
- 11 Five or Less Axle Train
- 12 Six Axle Train
- 13 Seven Axle Train
- 14 Eight Axle Train
- 15 Nine Axle Train
- 16 RV
- 17 Construction Equipment

Eastbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total
	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt			
8-9			4	2																														6	
9-10			1	1	9						1																							12	
10-11			1								1																							5	
11-12			3	1																														4	
12-13			4																															4	
13-14			1	1	1				1																									5	
14-15			1	1	2																													5	
15-16			1	1	7																													10	
16-17			1	4	3																													10	
Total	0	0	34	10	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	
%	0.0	0.0	8.2	4.9	55.7	16.4	0.0	0.0	1.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Northbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total
	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt			
8-9			3	1																														5	
9-10			1																																2
10-11			1																																2
11-12			1				1																												3
12-13			2																																2
13-14			1	1																															3
14-15			1																																3
15-16			3																																3
16-17			2	2	1																														5
Total	0	0	3	1	13	3	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	
%	0.0	0.0	11.5	3.8	50.0	11.5	3.8	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100		

Westbound Traffic

Start Time	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		Total
	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt	thru	rt			
8-9			1	3																														4	
9-10			1	1																															3
10-11			1																																1
11-12			1		3																														4
12-13			1	4																															5
13-14			2		9	1																													12
14-15			1	6																															7
15-16			3	1	9	1																													16
16-17			8	1																															9
Total	0	0	8	2	42	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	
%	0.0	0.0	13.1	3.3	68.9	11.5	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	

Total Vehicles: 148

Appendix C

Historical NWT Traffic Data (1989-1992)

NWT Highway Traffic Data (1989-1992)

Counter	Year	Monthly ADT												Peak	
		January	February	March	April	May	June	July	August	September	October	November	December	Summer Average	Average
Hwy 1, km 58	1992	104	131	200	92	135	224	289	261	201	160		117	258	201
	1991	98	110	148	130	179	310	296	275	185	156		108	294	181
	1990	115	143	197	159	192	223	302	302	190	139		97	263	170
	1989	162	162	195	206	122	247	383	465	584		101	142	365	261
Hwy 1, km 85	1992	125	164	164	95	118	224	410	596	212		113	410	222	
	1991	142	201	261	167	212	218	268	248	161	139	108	119	245	184
	1990	196	196	180	222	84	286	286	351	357	212		308	245	
	1989	24	36	39	14	21	35	61	46	37	21	124	146	243	181
Hwy 1, km 322	1992	34	49	57	24	37	53	65	79	44	53	5	19	47	30
	1991	34	40	45	24	43	57	45	62	39	33	29	29	66	46
	1990	34	40	45	24	43	57	45	62	39	33	20	29	55	39
	1989	10	31	10	10	31	55	56	48	40	40	28	33	53	38
Hwy 1, km 468	1992	132	140	79	140	215	240	279	260	197	181	110	146	260	177
	1991	131	147	178	187	308	308	308	190	190	143		136	308	178
	1990	133	141	137	137	234	264	237	229	196	172	116	154	243	183
	1989	155	155	129	221	233	316	227	248	203		171	264	211	
Hwy 1, km 477	1992	33	27	162	31	18	12	21	26	30	33	18	10	20	35
	1991	27	43	43	35	33	13	33	33	22	22	28	23	31	
	1990	23	38	45	24	11	26	64	17	32	17	11	24	36	28
	1989	49	49	14	25	30	19	28	36	31		28	28	28	29
Hwy 2, km 10	1992	214	275	312	259	309	395	495		346	276		201	445	308
	1991	181	215	255	285	370	498	464	464	341	282	211	481	313	
	1990	219	255	316	285	359	420	544	544	398	338	242	473	337	
	1989	201	244			339	373	515	477	337		219	455	338	
Hwy 2, km 32	1992	740	818	863	1,126	1,405	1,645	1,650	1,549	1,428	1,285	1,088	788	1,615	1,199
	1991	653	845	819	1,005	1,302	1,598	1,528	1,638	1,331	1,082	923	820	1,588	1,129
	1990	714	730	856	1,304	1,341	1,513	1,427	1,563	1,336	1,142	850	785	1,501	1,130
	1989									1,279					1,279
Hwy 2, km 42	1992	1,559	1,672		2,298	2,808	3,228	3,233	2,822	2,454	2,419	2,095	1,644	3,094	2,385
	1991	1,480	1,619	1,771	2,142	2,738	3,218	3,362	3,267	2,730	2,154	1,977	1,538	3,282	2,333
	1990	1,683	1,672	1,803	1,973	2,655	3,498	3,052	2,787	2,461	2,369	2,048	1,638	3,112	2,303
	1989	1,731	1,731	1,782	2,332	2,690	3,037	3,037	3,028	2,481		1,920	1,762	3,033	2,307
Hwy 3, km 2	1992									167	154	127	95		136
	1991	106	131	157	156	83				226	132	110	121	212	127
	1990	129	183		118	147	198	226		156					152
	1989	126		300	205	62	205	239				134	222		182
Hwy 3, km 152	1992	84	110	115	59	65	181	176			102	79	67	179	104
	1991	73	100	116	125	232	232	129	126	129	90	75	82	179	115
	1990	101	138	200	100	100	136	175	159	118	99	78	104	157	126
	1989			211	172	34	141	132				54	101	141	121

NWT Highway Traffic Data (1989-1992) - cont'd

Counter	Year	Monthly ADT												Peak	
		January	February	March	April	May	June	July	August	September	October	November	December	Summer Average	Average
Hwy 3 km 240	1992	377	428	418	386		502	494		448	414	392		402	
	1991	449				492	494		448	414	392		498		
	1990	364	313	246	337	385	460	437	517	459	333	350	471	390	
	1989					467	442	449	424		301		453	406	
Hwy 3, km 305	1992	211	231	260	176	301	371	352	322	255	252	253	349	312	
	1991	243	258	295	264	275	294	459	321	234	212	225	404	295	
	1990	222	251	176		159						186		199	
	1989														
Hwy 3, km 338	1992	1,947	2,125	2,467	2,679	3,294	3,424	4,593	3,217	3,033			3,745	3,033	
	1991					3,163				3,224				2,997	
	1990					3,328	3,971	4,461		3,319	2,172	2,176		2,708	
	1989												4,216	3,356	
Hwy 4, km 1	1992	1,154	1,240	1,346	1,642	2,505	2,394	2,394	2,186	1,747	1,466	1,240	2,394	1,637	
	1991	1,131	1,196	1,234	1,612	2,427	2,576	2,504	2,186	1,553	1,532	2,422	2,422	1,838	
	1990			102		2,338	3,015	3,426	2,793	2,012	1,659	3,078	3,078	2,192	
	1989								2,520	2,435	1,610	1,653	2,520	2,064	
Hwy 4, km 10	1992						933	816	807	816			933	852	
	1991			1,419	496	684	864	1,064	467	292			964	755	
	1990					1,020	1,573	708	704	519	623		1,100	858	
	1989														
Hwy 4, km 42	1992	51	92	43	26	82	152	148	135	13	16	22	152	52	
	1991	50	58		66	121	220	148	65				168	104	
	1990	31	58		54		128	107	83	68	21	50	106	62	
	1989								67			23	45		
Hwy 5, km 1	1992	213	305	305	534	696	773	707	674	687	605	276	740	619	
	1991	219	212	307	458	585	649	710	621	542			745	526	
	1990					566	650	612	589	463	284	209	623	431	
	1989						560	580	663			242	570	511	
Hwy 5, km 19	1992						199	221	230	199	130	157	210	189	
	1991														
	1990														
	1989														
Hwy 5, km 48	1992	86	88	104	104	125	160	172	171	136	113	98	167	130	
	1991	85	86	114	102	162	198	196	153	125	120	98	196	136	
	1990	98		105	108	129	181	181	155	108	88	98	172	127	
	1989								166	149	103	103	121		
Hwy 5, km 65	1992	42	41		53	73	73	78	91	69	47	41	76	59	
	1991	48	49	58	58	79	86	106	86	52	65	48	98	70	
	1990	48	46	56	63	75	102	82	86	43	49	54	90	64	
	1989					9	19	34	13	109	45	53	22	30	
Hwy 5, km 250	1992						153	159	216	158	106	95	156	148	
	1991			104		228	232	214	228	105	98		232	167	
	1990	96	80	111	127	205	199	143	228	98		83	185	150	
	1989							164	164	196	84		164	132	

Appendix D

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.