

Northwest Territories
Highway Traffic, 2013

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Department of Transportation
Government of the Northwest Territories
August 2014

Acknowledgements

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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 1620 kilometres of winter roads. The highway system also includes four vehicle ferries. A map of the highway network is provided in Figure 1. A detailed listing of the highway system classification by surface type is provided in Table 1. It is noted that, in addition to the above, there are a number of winter roads constructed by mining companies to facilitate mine resupply.

The Department of Transportation of the Government of the Northwest Territories is responsible for operation and maintenance, capital rehabilitation, and upgrading of the Northwest Territories highway network. To monitor traffic utilizing the highway system, the Department of Transportation operates a series of mechanical counters and conducts periodic visual counts and surveys. Supplementing this information is data from the weigh scales and usage logs from the four ferries. Information obtained is used by the department to monitor changes in traffic flows, classify highways, set priorities in maintenance and capital funding, monitor safety aspects of the highways and optimize engineering designs. Traffic data is made available to businesses and the general public as needed.

This report presents traffic data collected by the Department of Transportation on the territorial highway network from 1993 to 2013. This report includes traffic information collected on major highways, access roads, winter roads and associated ferry crossings. The report also contains information on vehicle classifications.

1.2 Traffic Data Collection System

The Northwest Territories Department of Transportation collects traffic data at a number of permanent and seasonal counting stations as shown in Table 2 and illustrated in Figure 1. 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.

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

Special turning movement counts at select intersections and visual vehicle classification counts are also conducted annually or as needs arise. No intersection counts were undertaken in 2013.

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

In 2013, approximately 35 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 malfunctioning batteries and data modules, but represents a significant improvement since 2006. Where data was missing, traffic volumes have been estimated based on previous years' data and information from other sources such as vehicle movements at ferries and weigh scales. The Department is working to improve data collection activities, including the purchase of new counters and loops and the installation of temporary counters.

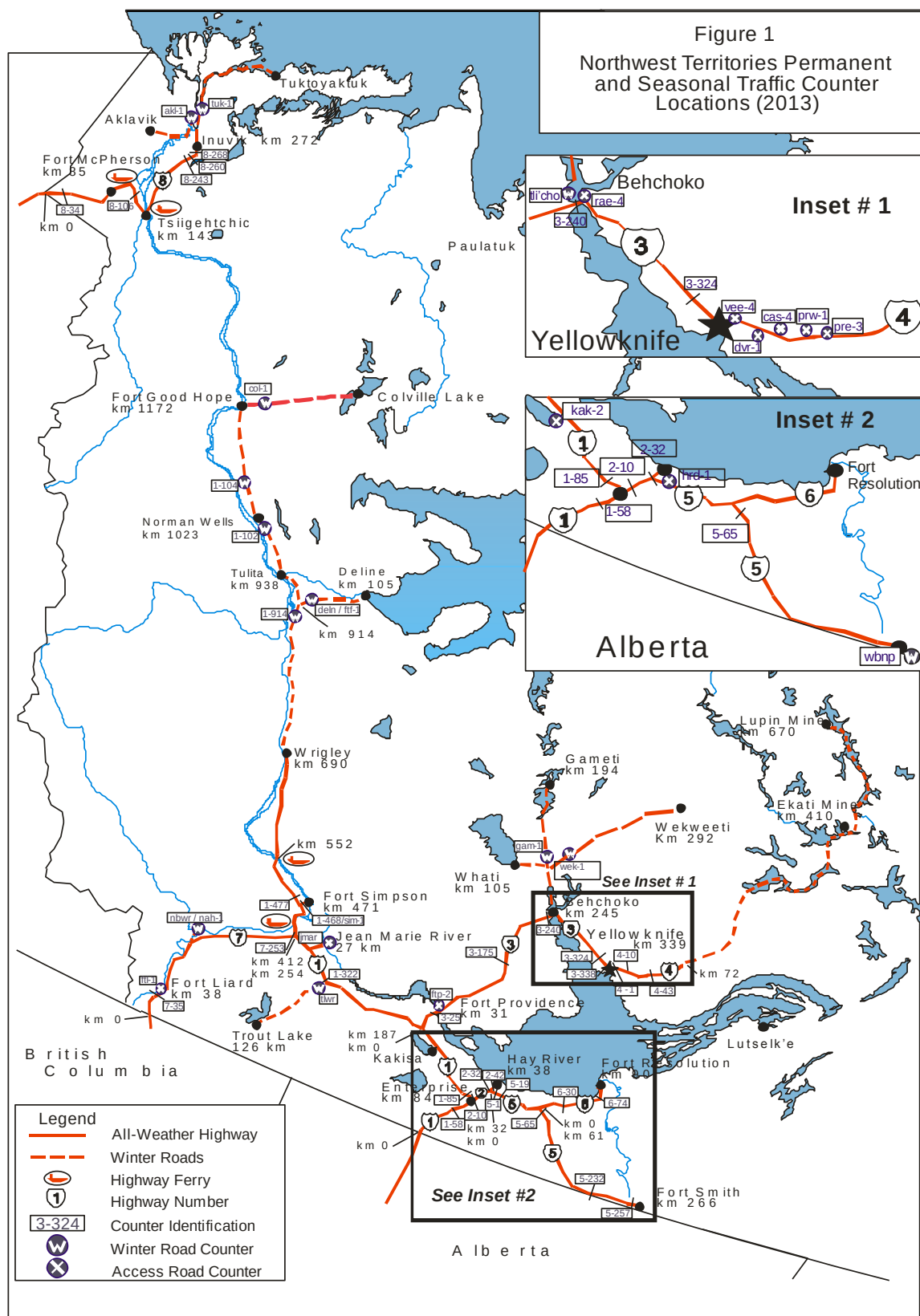


Table 1 Highway System Classification (2013)

Classification	Length (kilometres)					Total
	Paved	Dust- Controlled Gravel	Untreated Gravel	Ferry Crossing	Winter Road	
All-Weather Highways						
Highway 1 (Mackenzie Highway to Wrigley)	288.0	202.0	195.5	2.5	-	688.0
Highway 2 (Hay River Highway)	48.6	-	-	-	-	48.6
Highway 3 (Yellowknife Highway)	337.6	-	-	1.2	-	338.8
Highway 4 (Ingraham Trail)	35.2	34.0	-	-	-	69.2
Highway 5 (Fort Smith Highway)	202.0	64.0	-	-	-	266.0
Highway 6 (Fort Resolution Highway)	56.0	16.0	18.0	-	-	90.0
Highway 7 (Liard Highway)	-	73.2	180.9	-	-	254.1
Highway 8 (Dempster Highway)	10.3	67.2	195.0	-	-	272.5
Total	977.7	456.4	589.4	3.7	0.0	2,027.2
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	4.7	6.5	-	-	-	11.2
Hay River Reserve Access	11.0	1.4	1.9	-	-	14.3
Fort Liard Access	1.3	-	4.0	-	-	5.3
Nahanni Butte Access	-	-	21.3	-	1.0	22.3
Yellowknife Access	1.7	-	-	-	-	1.7
Fort McPherson Access	-	1.1	-	-	-	1.1
Inuvik Access	0.6	-	-	-	-	0.6
Hwy 3 Ice Crossing Access	-	9.4	-	-	-	9.4
Miscellaneous Minor Access	3.2	8.5	45.2	-	-	56.9
Total	54.7	26.9	99.8	0.0	1.0	182.4
Winter Roads						
Highway 1 (Mackenzie Highway, Wrigley to FGH)	-	-	-	-	486.4	486.4
Colville Lake Access (opened March 2001)	-	-	-	-	165.0	165.0
Trout Lake Access	-	-	-	-	126.0	126.0
Déline Access	-	-	-	-	105.3	105.3
Wha'ti Winter Road	-	-	-	-	103.0	103.0
Gamèti Winter Road	-	-	-	-	128.0	128.0
Wekweèti Winter Road	-	-	-	-	225.0	225.0
Tuktoyaktuk Access	-	-	-	-	190.0	190.0
Aklavik Access	-	-	-	-	85.0	85.0
Dettah Access	-	-	-	-	6.3	6.3
Total	0.0	0.0	0.0	0.0	1,620.0	1,620.0
Total All-Weather Roads						2,204.9
Total Winter Roads (Department of Transportation)						1,620.0

Table 2 Permanent and Seasonal Counter Locations			
Counter ID	Location (Hwy / Road)	Kilometre	Description
All-Weather Highways			
1-58	Highway 1	58	15 km south of Alexandra Falls
1-85	Highway 1	85	1.2 km west of Enterprise
1-322	Highway 1	322	0.4 km west of Trout Lake winter road
1-477	Highway 1	477	5.2 km west of Fort Simpson Access on Highway 1
2-10	Highway 2	10	10 km north of Enterprise, south of Paradise Gardens
2-32	Highway 2	32	40 metres north of Highway 2 and 5 intersection, south of service road
2-42	Highway 2	42	North of West Channel, across bridge
3-25	Highway 3	25	1 km north of Deh Cho Bridge
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
3-324	Highway 3	324	19.3 km east of Boundry Creek
3-338	Highway 3	338	0.7 km east 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 east of Highway 2 and 5, 1.5 km west 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
8-106	Highway 8	106	20.6 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
col-1	Colville Lake	1	1 km east of junction with Highway 1 at Fort Good Hope
deln / ftf-1	Deline	1	1 km east of junction with Highway 1
det-1	Dettah	1	0.1 km east of junction with School Draw Avenue
det-6	Dettah	6	0.3 km west of Dettah Village
elwr / lacl	Wha'ti	72	1 km west of junction with Tli Cho Winter Road
gam-1	Gameti	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
tli'cho	Tli Cho	1	1.5 km north of junction with Highway 3
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
wek-1	Wekweeti	1	1 km east of junction with Tli Cho Winter Road

1.3 Traffic Data Processing

The permanent traffic counters located throughout the Northwest Territories highway network collect traffic data on a continual basis. This data is stored to memory every hour. Approximately once per month, personnel working out of the highway maintenance camps download the data to a module, clear the internal memory of the counter, and send the downloaded data to the Transportation Planning, Policy and Communications Division.

Personnel with the Transportation Planning, Policy and Communications Division download the data from the module to the government network in a flat file (ASCII format) and conduct a first level screening of the data. Any problems are noted and corrupt data is disregarded. The data is then copied 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 have been established to correct deficiencies in the data. These steps are outlined in Appendix B.

1.4 Glossary of Terms

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

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

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

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

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

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

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

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

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

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

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

1.5 Layout of the Report

This report is organized into three sections.

Section 1 provides an introduction to the Northwest Territories traffic data collection system.

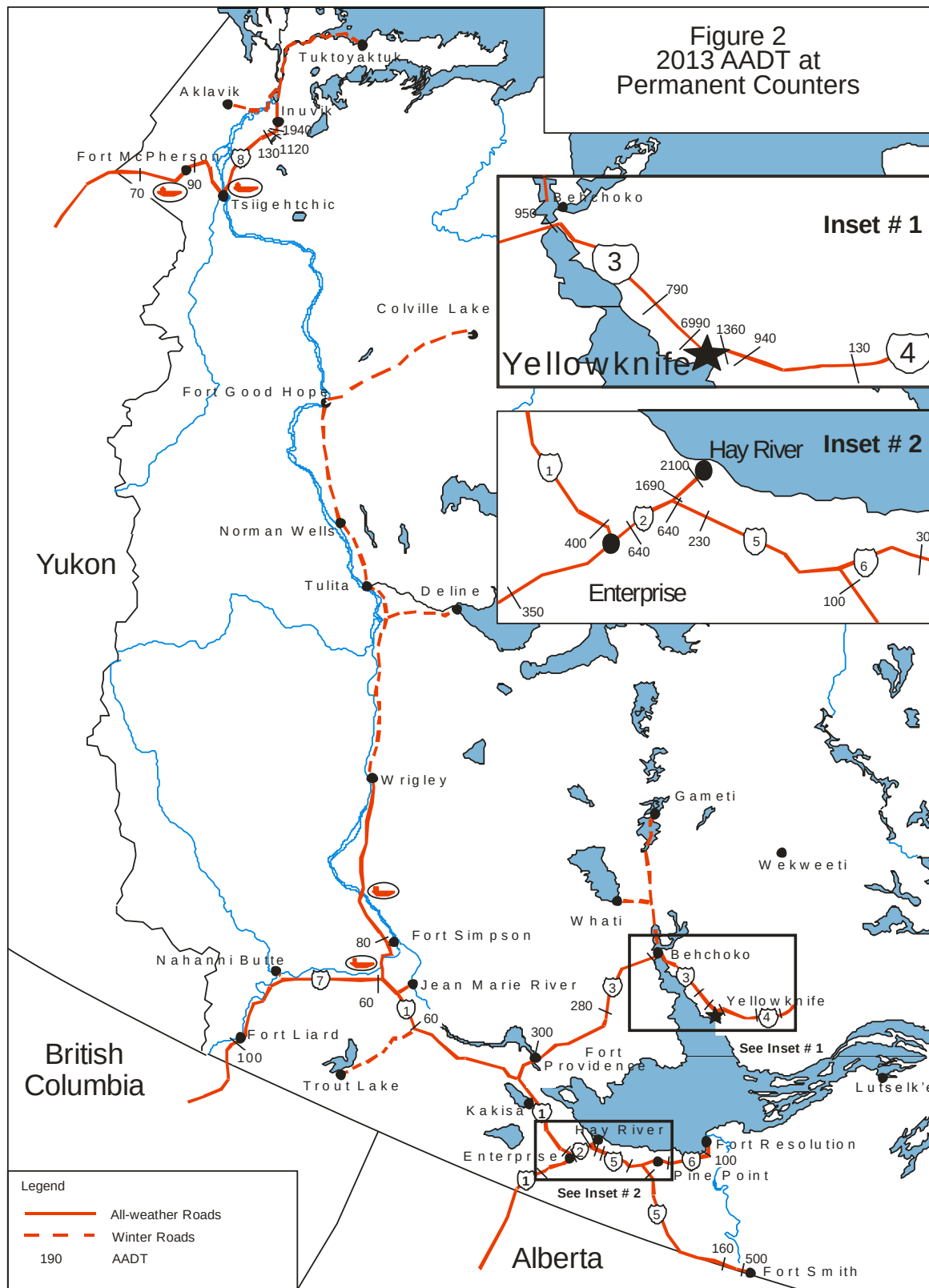
Section 2 presents the traffic information collected at all permanent counter locations and selected mining roads; including traffic volumes, distributions, Deh Cho Bridge traffic, and vehicle kilometres travelled.

Section 3 presents traffic information collected on highway ferries, and commercial vehicle activity from the weigh scales.

The Appendices present additional detailed traffic information.

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.

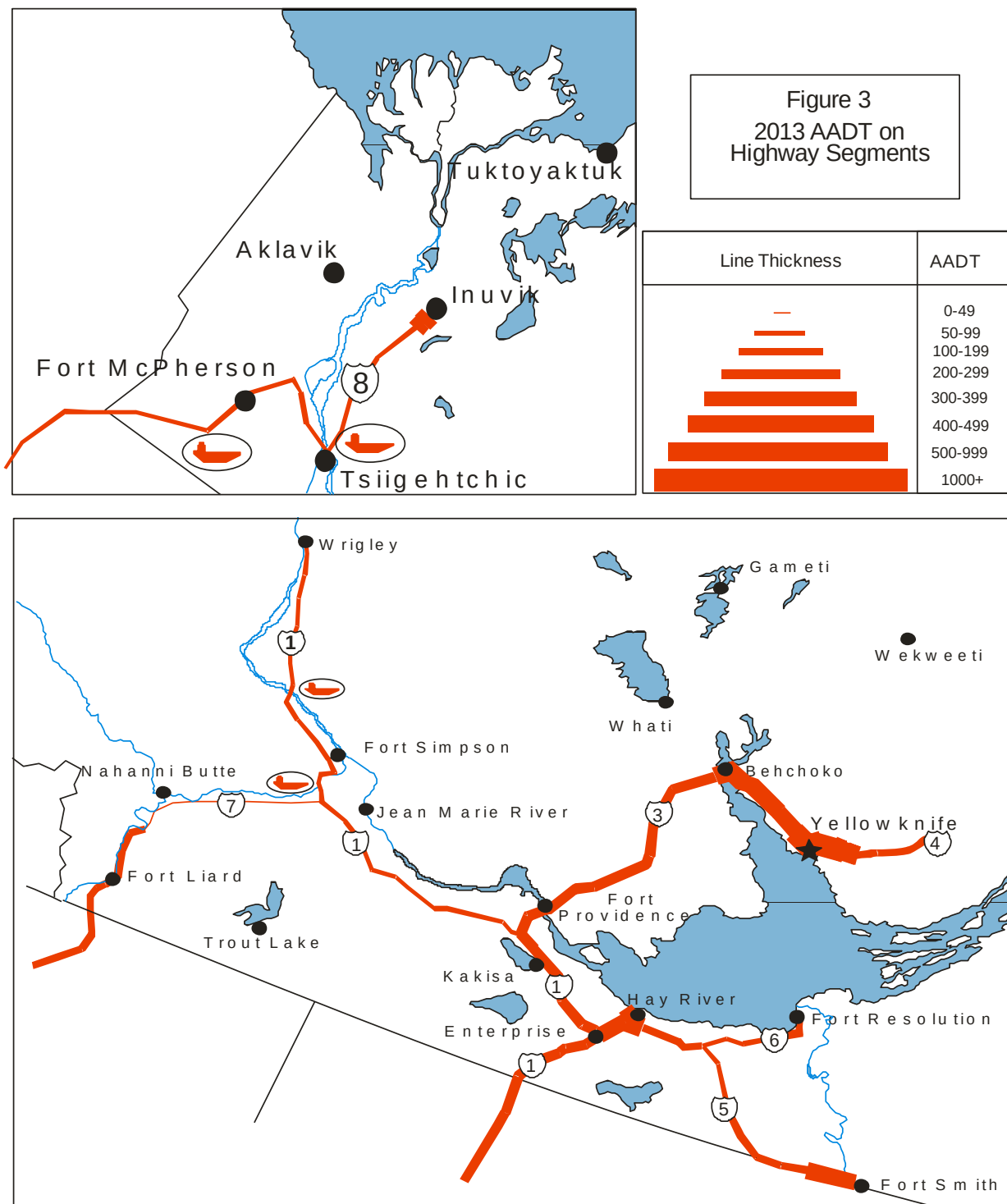


Table 3 Estimated Traffic on Northwest Territories Highways

Highway			Kilometre Counter	Description	AADT										PSDT										
				ID	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	
1	58	1-58	15 km south of Alexandra Falls		350	260	250	250	250	280	270	280	280	Data		460	290	330	250	310	380	340	350	390	Data
1	85	1-85	1.2 km west of Enterprise		400	300	290	290	220	330	410	390	300			540	400	390	240	210	410	470	380	420	
1	322	1-322	0.4 km west of Trout Lake Winter Road		60	80	60	70	40	50	60	60	70	Not		70	110	90	90	**	**	60	60	90	Not
1	477	1-477	5.2 km west of Fort Simpson Access on Highway 1		80	70	120	20	50	50	60	70	60			100	90	170	20	**	**	60	60	60	
													available											available	
2	10	2-10	10 km north of Enterprise, south of Paradise Gardens		640	700	660	430	610	450	380	420	450			860	940	1060	520	610	540	460	490	550	
2	32	2-32	40 metres north of Highway 2 & 5 intersection		1690	1840	1830	1630	1900	1850	1790	1420	1460			2250	2450	2470	2050	**	**	1860	1920	1920	
2	42	2-42	North of West Channel across bridge		2100	2680	2660	2670	3250	2660	2940	2130	2660			2810	3570	3400	3060	3250	3130	**	**	3130	
3	25	3-25	1 km north of Deh Cho Bridge		300	300	270	270	250	320	300	270	260	Data		400	370	360	390	340	400	360	290	350	Data
3	175	3-175	53 km north of Chan Lake, 62 km south of Edzo		280	280	250	240	250	310	300	210	210			370	370	330	350	**	360	280	**	290	
3	240	3-240	3 km south of Rae access, south of Frank's Channel		950	820	760	840	620	770	780	780	650	Not		1260	1110	830	910	**	760	770	860	710	Not
3	324	3-324	21 km east of Boundry Creek		790	680	670	750	640	640	640	640	610			1050	850	750	790	820	**	**	**	690	
3	338	3-338	0.8 km west of Highway 3 and 4 intersection		6990	6050	5980	6730	5600	5600	5600	5680	5570	available		9330	7970	7010	7470	**	**	6120	6730	6460	available
4	1	4-1	1 km north of Highway 3 & 4 intersection		1360	1390	1200	1270	1460	900	870	1240	1240			1820	1920	1690	1630	1770	**	1100	**	1600	
4	10	4-10	2.5 km east of Yellowknife River Bridge		940	960	1000	820	650	660	610	730	730			1250	1260	1230	1130	**	800	770	**	950	
4	43	4-43	11 km east of Prelude Lake East Access		130	130	150	130	160	130	160	100	100			180	190	190	180	**	120	160	**	130	
5	1	5-1	1 km east of Highway 2 & 5 intersection		640	630	620	620	560	560	560	560	560	Data		850	840	830	820	**	**	**	**	740	Data
5	19	5-19	19 km east of Highway 2 & 5 intersection		230	230	230	160	230	260	210	150	170			310	310	310	210	330	230	230	180	230	
5	65	5-65	5 km south of Highway 5 & 6 intersection		100	100	110	90	90	110	90	170	80	Not		130	130	120	110	**	160	**	**	100	Not
5	232	5-232	25km west of Fort Smith		160	160	150	150	130	130	130	130	130			210	210	200	200	**	**	100	**	200	
5	257	5-257	6.1 km west of Fort Smith		500	500	490	500	420	420	420	420	420	available		670	690	670	660	**	**	**	**	530	available
6	30	6-30	8.5 km east of Pine Point Access		30	70	80	80	70	80	80	80	80			40	100	100	100	90	90	90	80	90	
6	74	6-74	16 km west of Fort Resolution		100	100	100	100	80	110	110	100	120			130	130	130	130	**	120	130	130	130	
7	35	7-35	2.6 km south of Fort Liard		100	110	110	80	110	110	110	140	120	Data		130	150	150	120	**	**	80	**	130	Data
7	253	7-253	0.3 km south of Highway 1 & 7 intersection		60	70	50	40	50	50	50	30	30			80	90	70	60	**	**	40	40	40	
														Not										Not	
8	34	8-34	10 km west of Midway Lake		70	60	70	70	50	70	70	70	50			100	100	100	90	**	250	90	130	90	
8	106	8-106	4.6 km north of Fort Mcpherson Access		90	120	110	130	150	120	110	90	100	available		120	170	160	160	160	160	90	130	140	available
8	243	8-243	1 km south of Cabin Creek		130	110	110	110	80	80	80	80	80			170	150	150	130	**	**	110	**	130	
8	260	8-260	0.7 km north of airport access		1120	960	960	970	740	740	740	740	740			1490	1270	1300	1300	**	**	870	**	760	
8	268	8-268	1.3 km south of Inuvik		1940	1660	1680	1700	1370	1370	1370	1370	1370			2590	2210	2270	2140	**	**	1460	**	1400	

Note: See Appendix A for actual data obtained from each traffic counter for 2013.

** Insufficient data to calculate AADT/PSADT

AADT - Average Annual Daily Traffic

PSADT - Peak Summer Average Daily Traffic (June, July, August)

All values are estimated and rounded to the nearest 10.

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

Community	Location (km)	Counter ID	Year	Monthly Average Daily Traffic												PSADT
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Kakisa	2	kak-2	2000	24	43	52	74	86	50			33	36	47		50
			1999	27	27	38	60	89	53			52	38	27	25	53
			1998				28	64	77	101	80	55	32	29	23	86
			1997	23	21	21			94	79	90	37	15	21	20	88
			1996	18	23	25	23	49	84	109	90	43	31	24	24	94
			1995	26			24		77	109	76	54	31	23	24	87
			1994	15	19	17		49	68	109	87	48	37		24	88
			1993	16		20	21	46	61	81	94	44	29	20	20	79
Rae	4.2	rae-4	2009	595	650											
			2008	628	671	784	735	717	695	647	702	766	772	649	597	681
			2007						726	804	665	685	777	682	621	732
			2004		693	667										
			1998				433									
			1997							543	593	542	568			568
			1996	283				580			686	673	582	373		686
			1995							553	614	621	644	581	389	584
Detah	1	dvr-1	2009	43	50	55	118	197								
			2008	37	33	22		173	194	168	186	182	202	173	139	183
			2007					422	313	255	176	158	169	153	114	248
			2001	56	161			283	284	256		216				270
			2000	48	34	54	95	261	310	211	278	290	277	235		266
			1999		44	53	292	277		245	270	289	293	246		258
			1998	73	65	57	31	121	156	134	121			259	212	137
			1997								126	98	241	252	186	126
			1996							237	211	252	258	262		224
			1995	48	42	44	118		260	215	212	250	240	217		229
			1996													
			1995	78	90	93	109	111	157	160	172	141	122	103	99	163
			1994	69	65	68	96	110	138	128	143	134	109	94	78	143
			1993						114	97	109	103	87	76	73	107
Vee Lake	4.3	vee-4	2005			75	65	58	72	68	59	45	35	20		66
			2004	40	61	55		59								
			2003													
			2002	56							57	54	34	52	44	57
			2001						60	75	44		19			60
			2000													
			1999	43	82	70	58	39								
			1998	63	71	70	58	79	77	77	59	49	35	37	20	71
			1997						86	65	63	41	33			71
			1996						100	67	58	37	25	38		75
			1995							71	51	52	26	41		61
			1994						90	84	56	47	33			77
			1993					76	85	72	59	46	32	28	28	72
Cassidy Point	4	cas-4	1998								96	54	46	35		96
			1997							57	50	36	36			54
			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	95
Prelude Lake West	1	prw-1	1998							193	238	139	78	57		215.5
			1997						290	290	253	141	64			277.7
			1996						331	256	243	127	90	101		276.7
			1995										83	50		
			1994													
			1993							239		117	85	63		239.3
Prelude Lake East	3	pre-3	2000						306							306
			1999					283	307	261						284
			1998													
			1997						5	88	83	74	59			59
			1996						116	83	76	78	62	58		92
			1995								68	65	48	29		68
			1994							85	71	64	54			78
			1993					93	91	86		82	72			88

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	
Hay River Dene Village	1	hrd-1	2005		86	83	178	479				546	378			
			2004	84	80	73										
			2001			36	404		287		623	469	121	441		455
			2000	14	37	52	304	416	453	400	421	469				425
			1999	32	37	126	357			356	399	425	167		33	378
			1998	62	40	48	267						420	301	45	
			1997	29	33	42			395	362						379
			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	421
			1994	26	31	75	302							46	39	
			1993	28	27	137	376		411	356	365	333	344	234	50	377
Fort Providence	2	ftp-2	2009					445	571	570						571
			2008	296	317	357	334	469	570	552	491	424		269	278	538
			2007	322	246	289	290	422	554	513	654		362	306	297	574
			2006	318	301	280	303	420	500	478			355	266	405	489
			2005		362	464	133	43	415	387	333		201	180		378
			2004	255	298											
			2003	260	269	264		396	353	515	551					473
			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		207
			1998	249	276	271	397	315				309	328	254	49	
			1997			213			465	439	488	337	271			464
			1996	211	227	242	297	360	421	419	501	397	307	331	247	447
			1995	200	228	226	273	357	368	426	477	303	262	244		424
Fort Liard	1	ftl-1	1998			242	175	207	332	405	326	249				354
			1997	166	218	211	238					132	89			
			1996		195	210				252	197	193	156		142	225
			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	231
			1993	155	165	166	170	180	204	211	193	180	171	162	146	203
Fort Simpson	1	sim-1	2011	1227	1173	1803										
			2010						1622	1524	1551	1467	1327	1216	1528	1566
			2009	271	247											
			2008	1176	1221	1275	1198								476	
			2007	1203	1335	1261	954	1343	1323	1404	1349	1227	1258	1248	1340	1359
			2006	1075		1176	1126	1293	1465	1386	1397			1445	1341	1416
			2005							1292	1493	1313	1202	1107	1041	1393
			2004													
			2003			1289	1302									
			2001				430					269	354			
			2000	961	991	1093	1110				911					911
Jean Marie River	1	jmar	2011	24	6	33										
			2010						2	18	30	17	44	31	10	17
			2008	17		20	32	76								
			2007	37	39		17	28	34	22	18	16	23	39	13	25
			2006			22	85	71	32	33	13	29			25	26
			2005							24	23	33	23			24
			2004													
			2003			34	36									
			2001									19	27	81		
			2000				16	22	30	23	17					23

Note: Blanks indicate insufficient data to calculate monthly ADT.

Table 5 Monthly Average Daily Traffic on Northwest Territories Winter Roads (sorted by road)

Winter Road	Location (km)	Counter ID	Year	Opening Date	Closing Date	Number Days	Monthly Average Daily Traffic						ADT
							Dec	Jan	Feb	March	April	May	
Aklavik	1	akl-1	2014	11-Dec-2013	29-Apr-2014	139		41	51	70			54
			2013	11-Dec-2012	7-May-2013	147			60	92	105	86	86
			2012	7-Dec-2011	25-Apr-2012	140			53	60	193		97
			2011	22-Dec-2010	11-May-2011	140			51	87	80	50	71
			2010	21-Dec-2009	20-Apr-2010	120			28	24	98		44
			1996	19-Dec-1995	26-Apr-1996	129			32	49	43		41
			1995	23-Dec-1994	24-Apr-1995	122							
			1994	18-Jan-1994	28-Apr-1994	100							
			1993	15-Dec-1992	2-May-1993	138			53	61	70	32	61
Colville Lake	1	col-1	2014	28-Dec-2013	16-Apr-2014	109		7	17	17	15		14
			2012	20-Dec-2011	2-Apr-2012	104			23	26	17		24
			2011	14-Dec-2010	29-Mar-2011	105			23	18			20
			2009	19-Dec-2008	5-Apr-2009	107		16	21	16			18
			2008	14-Dec-2007	9-Apr-2008	117		11	21	21			18
			2007	4-Jan-2007	31-Mar-2007	86		18	14	27			20
			2006	13-Jan-2006	22-Mar-2006	68		4	14	17			13
			2005	13-Dec-2004	1-Apr-2005	109			54	54			54
Deline	1	deline	2014	19-Dec-2013	14-Apr-2014	116			19	32	22		25
			2013	22-Jan-2013	2-Apr-2013	70			115	31			71
			2012	30-Dec-2011	2-Apr-2012	94			24	29	6		25
			2011	10-Jan-2011	29-Mar-2011	78		17	47	24			30
			2010	28-Jan-2010	31-Mar-2010	62			17	32			25
			2009	20-Jan-2009	5-Apr-2009	75		14	32	31			29
			2007	19-Jan-2007	31-Mar-2007	71		36	32	43			37
			2006	25-Jan-2006	22-Mar-2006	56		54	49	39			46
			1998	3-Feb-1998	16-Mar-1998	41		13	15				15
			1997	4-Feb-1997	17-Mar-1997	41		110	73	46			62
Dettah Ice Road (Yellowknife Side)	1	dettah-1	2014	13-Dec-2013	21-Apr-2014	129	1146	1216	1168	1582	1404		1315
			2013	20-Dec-2012	17-Apr-2013	118		995	1053	1057	1185		1232
			2012	31-Dec-2011	20-Apr-2012	111		1536	1587	1640	1318		1539
			2011	16-Dec-2010	27-Apr-2011	132	1137	932	977	1144	1249		1080
			2010	24-Dec-2009	8-Apr-2010	105		1048	1046	1211	1477		1134
			2008	21-Dec-2007	11-Apr-2008	112		1080	1225	1548	1337		1294
			2006	20-Dec-2005	18-Apr-2006	119	719	644	712	814	764		729
			2005	10-Dec-2004	11-Apr-2005	122	366	320	453	521			416
Dettah Ice Road (Dettah Side)	6	dettah-6	2014	13-Dec-2013	21-Apr-2014	129	228	237	276	303	347		278
			2013	20-Dec-2012	17-Apr-2013	118		270	301	332	289		299
			2012	31-Dec-2011	20-Apr-2012	111		446	428	425	462		438
			2011	16-Dec-2010	27-Apr-2011	132	276	252	282	389	352		313
			2010	24-Dec-2009	8-Apr-2010	105		471	483	505	578		494
			2009	23-Dec-2008	13-Apr-2009	111		575	538	589	604		576
			2008	21-Dec-2007	11-Apr-2008	112		533	501	526	477		516
			2007	4-Jan-2007	12-Apr-2007	98			496	461			478
			2006	20-Dec-2005	18-Apr-2006	119	520	467	476	456	450		409
Gameti	72	lacr	2005	10-Dec-2004	11-Apr-2005	122	324	319	556	452			416
			2014	18-Feb-2014	22-Apr-2014	63			22	35	31		31
			2013	13-Feb-2013	21-Apr-2013	67			39	59	55		53
			2012	17-Feb-2012	19-Apr-2012	62			32	42	55		44
			2011	5-Feb-2011	8-Apr-2011	62			21	33	43		30
			2009	21-Feb-2009	14-Apr-2009	52				46	34		42
			2008	28-Feb-2008	11-Apr-2008	43				43	55		46
			2007	28-Feb-2007	12-Apr-2007	43				43	55		46
			1997	7-Feb-1997	25-Mar-1997	46			170	152			160
Highway No. 1 (Whigley)	895	1-895	2006	19-Dec-2005	7-Apr-2006	109		53	74	85			71
			2005	13-Dec-2004	1-Apr-2005	109		39	49	51			46
			2014	27-Dec-2013	14-Apr-2014	108		81	102	106	18		86
			2013	16-Dec-2012	2-Apr-2013	107			115	156			137
			2012	20-Dec-2011	2-Apr-2012	104			61	77	22		68
			2011	23-Dec-2010	29-Mar-2011	96		22	47	59			42
			2010	23-Dec-2009	31-Mar-2010	98			17	23			20
			2009	23-Dec-2008	5-Apr-2009	103		15	32	55			34
Highway No. 1 (Deline Junction)	914	1-914	2008	24-Dec-2007	9-Apr-2008	107		27	96	84			68
			2007	20-Dec-2006	9-Apr-2007	110		77	95	77			83
			2006	19-Dec-2005	7-Apr-2006	109		44	50	45			46
			2005	4-Jan-2005	1-Apr-2005	87		21	70	64			52
			2014	28-Dec-2013	14-Apr-2014	107		84	135	168	47		118
			2013	19-Dec-2012	2-Apr-2013	104			159	169			164
			2012	20-Dec-2011	2-Apr-2012	104			88	102	24		93
			2010	23-Dec-2009	31-Mar-2010	98			78	79			79
Highway No. 1 (Norman Wells South)	1022	1-102	2009	16-Dec-2008	5-Apr-2009	110		50	66	108			75
			2008	8-Dec-2007	9-Apr-2008	123		45	98	100			81
			2007	21-Dec-2006	9-Apr-2007	109		81	87	113	57		91
			2006	29-Dec-2005	7-Apr-2006	99		98	68	77			81
			2005	13-Dec-2004	1-Apr-2005	109		51	70	86			69
			1999	7-Jan-1999	15-Mar-1999	67			33				33

Table 5 cont'd Monthly Average Daily Traffic on Northwest Territories Winter Roads (sorted by road)

Highway No. 1 (Norman Wells North)	1031	1-104		2014	28-Dec-2013	14-Apr-2014	107			24	35	42	29			33
				2013	19-Dec-2012	2-Apr-2013	104				25	31				28
				2012	20-Dec-2011	2-Apr-2012	104				33	29	23			31
				2011	14-Dec-2010	29-Mar-2011	105			43	38	49				43
				2010	23-Dec-2009	31-Mar-2010	98				36	39				38
				2009	16-Dec-2008	5-Apr-2009	110			33	37	37				36
				2008	8-Dec-2007	9-Apr-2008	123			34	62	62				52
				2007	21-Dec-2006	9-Apr-2007	109			59	47	66				58
				2006	29-Dec-2005	7-Apr-2006	99				55	52				53
				1998	14-Jan-1998	16-Mar-1998	61			14	10	10				11
Nahanni Butte	2	nbwr		1997	9-Dec-1996	17-Apr-1997	129			23	40	69	13			36
				1996	1-Dec-1995	25-Mar-1996	115			11	10	19				13
				1995	1-Dec-1994	26-Mar-1995	115			10	17	39				22
				1994	18-Dec-1993	28-Mar-1994	100				20	18				19
				1993	15-Dec-1992	27-Mar-1993	102				13	12				12
Tibbitt to Contwoyo	0.3	lupin		2014	30-Jan-2014	1-Apr-2014	61			212	373	283				322
				2012	1-Feb-2012	28-Mar-2012	56				292	253				273
				2011	28-Jan-2011	31-Mar-2011	62			136	390	286				323
				2010	4-Feb-2010	21-Mar-2010	45				289	189				246
				2009	1-Feb-2009	25-Mar-2009	52				518	303				417
				2008	28-Jan-2008	7-Apr-2008	70				553	349	49			406
				2007	28-Jan-2007	8-Apr-2007	70			251	482	323	67			353
				2006	5-Feb-2006	26-Mar-2006	49				167	243				204
Tli'Cho	1	tli'cho		2014	24-Jan-2014	22-Apr-2014	88			75	233	385	183			259
				2013	22-Jan-2013	21-Apr-2013	89			66	98	299	175			182
				2012	25-Jan-2012	19-Apr-2012	85				38	38	53			42
				2011	14-Jan-2011	8-Apr-2011	84			78	78	104	77			87
				2010	20-Jan-2010	11-Apr-2010	81			95	72	120	165			106
				2009	23-Jan-2009	14-Apr-2009	81				81	142	111			113
				2008	8-Feb-2008	11-Apr-2008	63				100	163	148			135
				2007	3-Feb-2007	12-Apr-2007	68				64	115	188			107
				2006	7-Feb-2006	16-Apr-2006	68				71	77				74
Trout Lake	1	tlwr		2002	14-Jan-2002	18-Mar-2002	63			6	7					7
				2001	18-Dec-2000	15-Mar-2001	87									
				2000	11-Jan-2000	15-Mar-2000	64									
				1999	21-Dec-1998	16-Mar-1999	85			9	7	9				8
				1998	20-Jan-1998	16-Mar-1998	55					5				5
				1997	11-Jan-1997	17-Mar-1997	65				5	9				7
				1996	20-Jan-1996	15-Mar-1996	55		4	6	11	9				8
				1995	22-Dec-1994	22-Mar-1995	90				8					8
				1994	18-Jan-1994	31-Mar-1994	72									
				1993	24-Dec-1992	24-Mar-1993	90			8	10	12				10
Tuktoyaktuk	1	tuk-1		2014	23-Dec-2013	29-Apr-2014	127			101	112	149				121
				2013	13-Dec-2012	7-May-2013	145				125	200	179	146		168
				2012	10-Dec-2011	25-Apr-2012	137				111	130	330			182
				2011	22-Dec-2010	3-May-2011	132				106	190	137	77		143
				2010	18-Dec-2009	20-Apr-2010	123				113	137	350			182
				2009	18-Dec-2008	26-Apr-2009	129			131	130	204	178	53		161
				1997	20-Dec-1996	25-Apr-1997	126		30	44	61					48
				1996	19-Dec-1995	19-Apr-1996	122									
				1995	22-Dec-1994	24-Apr-1995	123			74						74
				1994	5-Jan-1994	28-Apr-1994	113									
Wha'ti	72	elwr		1997	20-Jan-1997	25-Mar-1997	64			31	45	64				47
				1996	15-Jan-1996	20-Mar-1996	65									
				1995	13-Jan-1995	29-Mar-1995	75									
				1994	18-Feb-1994	18-Apr-1994	59									
				1993	27-Jan-1993	2-Apr-1993	65					16	14			15
Wekweeti	1	wek-1		2014	7-Mar-2014	22-Apr-2014	46				4	20	20			14
				2013	7-Mar-2013	9-Apr-2013	33				52	126	23			82
				2012	6-Mar-2012	10-Apr-2012	35					59	77			63
				2011	14-Feb-2011	7-Apr-2011	52				24	46	60			38

Note: Blanks may indicate insufficient data to calculate monthly ADT, road closed, or counter not installed.

	Major Roads		To Southern Expressway		Major Tolls		Inter-Northern Expressway		Northern Vets - Ft. R.		Golden West Highway		Coulter Lake Access				Delta Access		Trent-Lake Access		Nassau Delta Access		Lakeside Access		Via 17 Avenue		Queen Access		Oxley Access		Thamesville Access		Alford Access				The Ridge		Mountain Road Crossings		Lower Valley Crossing		At Fort Street		Mountain Road Crossings		Tribulation		Perrine Crossing				Mountain Road Crossings & Canals		Manning Roads		Logan Way	
1989/90	Open Closed	12-Dec 1-Apr	6-Jan 30-Mar	6-Dec 5-Apr	6-Jan 5-Apr				12-Jan 4-Apr	12-Jan 30-Mar	21-Dec 30-Mar				19-Jan 1-Apr	2-Feb 1-Apr	13-Dec 12-Apr	3-Jan 7-May	23-Dec 7-May	Open Closed	12-Dec 7-Apr	1-Nov 1-May	18-Dec 3-May	20-Nov 1-May	12-Dec 10-Apr	Open Closed	14-Feb 7-Apr																															
1990/91	Open Closed	12-Dec 13-Apr	8-Jan 31-Mar	8-Jan 8-Apr	2-Jan 8-Apr				7-Feb 4-Apr	17-Dec 4-Apr	12-Dec 4-Apr				16-Jan 8-Apr	22-Jan 8-Apr	4-Dec 9-Apr	23-Dec 25-Apr	21-Dec 25-Apr	Open Closed	28-Nov 8-Apr	1-Nov 13-Apr	24-Nov 7-May	16-Nov 8-May	12-Dec 13-Apr	Open Closed	1-Feb 22-Mar																															
1991/92	Open Closed	2-Dec 27-Apr	20-Dec 25-Mar	20-Dec 4-Apr	20-Dec 25-Mar				24-Jan 31-Mar	10-Jan 24-Mar	9-Jan 22-Mar				16-Jan 7-Apr	24-Jan 7-Apr	9-Dec 23-Apr	5-Dec 26-Apr	9-Dec 27-Apr	Open Closed	12-Dec 25-Apr	1-Nov 26-Apr	20-Nov 30-Apr	16-Nov 30-Apr	12-Dec 27-Apr	Open Closed	23-Jan 13-Mar																															
1992/93	Open Closed	9-Dec 20-Apr	11-Jan 26-Mar	11-Jan 29-Mar	14-Jan 29-Mar				18-Jan 29-Mar	24-Dec 24-Mar	6-Dec 27-Mar				27-Jan 2-Apr	19-Feb 2-Apr	18-Dec 2-Apr	18-Dec 30-Apr	2-Dec 2-May	Open Closed	22-Dec 14-Apr	23-Nov 20-Apr	6-Nov 12-May	9-Dec 12-May	Open Closed	28-Jan 22-Mar																																
1993/94	Open Closed	11-Dec 12-Apr	23-Dec 29-Mar	29-Dec 30-Mar	29-Dec 31-Mar				25-Jan 30-Mar	18-Jan 31-Mar	18-Dec 28-Mar				18-Feb 28-Apr	18-Feb 18-Apr	8-Dec 18-Apr	5-Jan 28-Apr	18-Jan 28-Apr	Open Closed	20-Dec 23-Apr	14-Dec 23-Apr	24-Nov 5-May	20-Nov 11-May	11-Dec 12-Apr	Open Closed	3-Feb 1-Apr																															
1994/95	Open Closed		12-Jan 19-Mar	18-Jan 26-Mar	19-Jan 26-Mar				20-Jan 26-Mar	22-Dec 22-Mar	1-Dec 26-Mar				18-Jan 29-Mar	30-Jan 22-Mar	13-Dec 21-Apr	22-Dec 24-Apr	23-Dec 24-Apr	Open Closed	4-Dec 25-Apr	23-Nov 26-Apr	25-Nov 2-May	21-Nov 2-May	9-Dec 22-Apr	Open Closed	18-Jan 3-Apr																															
1995/96	Open Closed		26-Jan 20-Mar	8-Jan 20-Mar	8-Jan 20-Mar				18-Jan 20-Mar	20-Jan 15-Mar	1-Dec 25-Mar				16-Jan 20-Mar	2-Feb 20-Mar	29-Nov 17-Apr	18-Dec 8-Apr	18-Dec 26-Apr	Open Closed	4-Dec 12-Apr	16-Nov 23-Apr	30-Nov 28-Apr	30-Nov 28-Apr	30-Nov 23-Apr	Open Closed	25-Jan 13-Apr																															
1996/97	Open Closed		14-Feb 17-Mar	14-Jan 17-Mar	14-Jan 17-Mar				4-Feb 17-Mar	11-Jan 17-Mar	9-Dec 11-Apr				20-Mar 25-Mar	7-Feb 25-Mar	12-Dec 18-Apr	12-Jan 25-Apr	12-Jan 25-Apr	Open Closed	9-Dec 22-Apr	14-Nov 18-Apr	12-Nov 10-May	12-Nov 10-May	13-Dec 27-Apr	Open Closed	28-Jan 12-Apr																															
1997/98	Open Closed		6-Feb 16-Mar	23-Jan 13-Mar	14-Jan 16-Mar				3-Feb 16-Mar	23-Jan 16-Mar	18-Dec 16-Mar				23-Jan 9-Apr	7-Feb 9-Apr	18-Dec 16-Apr	25-Jan 16-Apr	26-Jan 16-Apr	Open Closed	9-Jan 16-Apr	27-Nov 17-Apr	1-Dec 17-May	18-Nov 2-May	12-Jan 17-Apr	Open Closed	19-Jan 4-Apr																															
1998/99	Open Closed		1-Feb 16-Mar	31-Dec 6-Mar	7-Jan 6-Mar				21-Jan 6-Apr	21-Dec 16-Mar	21-Dec 6-Mar				25-Jan 6-Apr	8-Feb 1-Apr	31-Dec 9-Apr	16-Dec 20-Apr	14-Dec 21-Apr	Open Closed	23-Dec 16-Apr	25-Nov 12-Apr	20-Nov 20-Apr	16-Nov 19-Apr	14-Dec 19-Apr	Open Closed	1-Feb 30-Mar																															
1999/00	Open Closed		3-Feb 15-Mar	11-Jan 15-Mar	24-Dec 15-Mar				28-Jan 15-Mar	11-Jan 15-Mar	18-Dec 15-Mar				1-Feb 20-Apr	14-Feb 12-Apr	11-Jan 20-Apr	14-Dec 17-Apr	17-Jan 17-Apr	Open Closed	6-Jan 20-Apr	3-Dec 22-Apr	16-Nov 5-May	5-Nov 5-May	31-Dec 22-Apr	Open Closed	28-Jan 3-Apr																															
2000/01	Open Closed		19-Jan 15-Mar	15-Jan 5-Apr	8-Jan 31-Mar	23-Feb 5-Apr			20-Jan 5-Apr	18-Dec 15-Mar	6-Dec 15-Mar				20-Feb 14-Apr	11-Mar 14-Apr	21-Dec 12-Apr	20-Dec 9-May	24-Jan 8-May	Open Closed	21-Dec 16-Apr	21-Nov 21-Apr	16-Nov 6-May	20-Nov 9-May	14-Dec 14-Apr	Open Closed	1-Feb 13-Apr																															
2001/02	Open Closed		20-Dec 18-Mar	10-Jan 18-Mar	11-Jan 18-Mar	9-Jan 18-Mar			18-Jan 18-Mar	14-Jan 18-Mar	14-Dec 18-Mar				24-Jan 25-Apr	11-Feb 25-Apr	21-Dec 30-Apr	21-Dec 2-May	31-Dec 2-May	Open Closed	24-Jan 23-Apr	2-Dec 1-May	20-Nov 9-May	19-Nov 9-May	14-Dec 1-May	Open Closed	26-Jan 16-Apr																															
2002/03	Open Closed		22																																																							

Table 7 Truck Traffic on the Tibbitt to Contwoyto Winter Road

		Gahcho Kue ⁽¹⁾	BHP Diamonds Ekati Mine	Diavik Diamond Mines Inc.	DeBeers Snap Lake	Tahera	Mineral Exploration Traffic	Total
2014	Total Tonnage	14,092	83,561	89,817	54,737	0	1,721	243,928
	Total Trucks	659	2,249	2,520	1,570	0	71	7,069
2013	Total Tonnage	0	64,051	111,659	42,116	0	4,296	222,122
	Total Trucks	0	1,649	2,888	1,277	0	203	6,017
2012	Total Tonnage	0	69,351	89,045	46,137	0	4,693	209,226
	Total Trucks	0	2,272	2,947	1,755	0	225	7,199
2011	Total Tonnage	0	64,594	127,375	42,619	0	4,457	239,045
	Total Trucks	0	1,967	3,863	1,373	0	186	7,389
2010	Total Tonnage	0	47,581	39,748	32,505	0	186	120,020
	Total Trucks	0	1,461	1,345	1,116	0	15	3,937
2009	Total Tonnage	0	58,544	91,362	22,884	0	405	173,195
	Total Trucks	0	1,663	2,779	904	0	31	5,377
2008	Total Tonnage	0	72,233	138,051	43,244	2,300	2,513	258,341
	Total Trucks	0	1,840	4,239	1,250	49	77	7,455
2007	Total Tonnage	0	121,716	133,267	64,505	17,566	4,172	343,285
	Total Trucks	0	3,937	4,573	2,355	500	236	11,656
2006 (2)	Total Tonnage	0	82,447	55,750	34,852	7,821	2,435	184,376
	Total Trucks	0	3,152	2,094	1,623	258	148	7,310
2005	Total Tonnage	0	117,661	94,303	18,089	0	14,771	252,533
	Total Trucks	0	3,434	2,848	703	0	614	7,850
2004 (3)	Total Tonnage	0	105,127	53,960	6,852	0	2,108	179,144
	Total Trucks	0	2,984	1,572	295	0	117	5,256

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) Winter road data provided by the Tibbitt to Contwoyto Winter Road Joint Venture.

2014 season	61 days (January 30 - April 1)
2013 season	60 days (January 30 - March 31)
2012 season	56 days (February 1 - March 28)
2011 season	62 days (January 28 - March 31)
2010 season	45 days (February 4 - March 21)
2009 season	52 days (February 1 - March 25)
2008 season	70 days (January 28 - April 7)
2007 season	70 days (January 28 - April 8)
2006 (2) season	49 days (February 5 - March 26)
2005 season	69 days (January 26 - April 5)
2004 season	63 days (January 28 - March 31)

Notes: BHP Diamond Mines Ekati Mine went into production in October of 1998.
Diavik Diamond Mine began construction of the mine site in 2000.
Tahera Diamond Mine suspended operations in February 2008.

(2) Climatically, 2006 was one of the warmest winters on record.

Winter road never reached full load bearing capacity.

(3) For data preceeding 2004, please see Appendix B 'Historical Data'.

Table 8 Estimated Vehicle Kilometres Traveled on NWT Highways

Hwy	km	Length (km)	AADT										Vehicle Kilometres Traveled (Millions)									
			2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
1	58	Alberta Border to Enterprise	84.2	350	260	250	250	280	270	280	280	250	106	79	7.7	7.7	8.6	8.3	8.7	8.7	7.6	7.6
1	85	Enterprise to Junction with Hwy #3	103.4	400	300	290	290	220	330	410	390	300	270	15.3	11.3	10.8	11.0	8.4	12.7	15.4	14.8	10.3
		1 Arterial	187.6										25.9	19.1	18.5	18.7	16.0	21.3	23.7	23.5	20.1	18.0
2	10	Enterprise to Junction with Hwy #5	37.5	640	700	660	430	610	450	380	420	450	410	8.8	9.6	9.1	5.9	8.3	6.1	5.3	5.7	6.1
2	32	Junction with Hwy #5 to Hay River (West Channel Bridge)	6.2	1690	1840	1830	1630	1900	1850	1790	1420	1460	1390	3.8	4.2	4.1	3.7	4.3	4.2	4.1	3.2	3.3
2	42	1 km south Airport Access, .5 km north West Channel Bridge	43.7	2100	2680	2660	2670	3250	2660	2940	2130	2530	2530	12.6	13.8	13.2	9.6	12.6	10.3	9.3	9.0	9.4
		2 Arterial											48.7	4.7	4.3	4.3	4.1	5.1	4.7	4.3	4.2	4.0
3	2	Junction with Hwy #1 to Fort Providence Access	44.1	300	300	270	270	250	320	300	270	260	250	19.7	19.4	17.3	16.8	17.5	21.8	20.9	14.9	14.9
3	175	Fort Providence Access to Etzto Access	192.4	280	280	250	240	250	310	300	210	210	210	2.9	2.5	2.4	2.6	1.9	2.4	2.4	2.0	2.0
3	240	Etzto Access to Rae Access	8.5	950	820	760	840	620	770	780	780	650	650	25.4	22.0	21.6	24.1	20.7	20.7	20.7	14.6	14.6
3	324	Rae Access to Yellowknife Access (Old Airport Road)	88.5	790	680	670	750	640	640	640	640	450	450	25.4	22.0	21.6	24.1	20.7	20.7	20.7	14.6	14.6
3	337	Old Airport Road Junction to Junction with Hwy #4	5.3	6990	6050	5980	6730	5600	5600	5600	5680	5570	5570	13.5	11.7	11.6	13.0	10.8	10.8	11.0	10.8	10.8
		3 Arterial	338.8										66.3	60.3	57.2	60.9	55.0	60.8	59.6	53.2	46.4	46.2
		Total Arterial	570.1										104.8	93.3	88.8	89.2	83.6	92.4	92.6	85.7	76.0	72.9
1	322	Junction with Hwy #3 to Junction with Hwy #7	268.8	60	80	60	70	40	50	60	60	70	60	5.5	7.8	6.3	6.5	3.9	4.9	5.4	6.1	7.2
*1	468	Junction with Hwy #7 to Fort Simpson Access	14.9	130	180	260	270	230	240	240	240	240	240	0.7	1.0	1.4	1.5	1.3	1.3	1.3	1.3	1.3
1	477	Fort Simpson Access to Mackenzie River	79.2	80	70	120	20	50	50	60	70	60	40	2.3	1.9	3.6	0.6	1.4	1.6	1.9	1.6	1.2
		1 Collector	362.9										8.4	10.7	11.3	8.5	6.6	7.7	8.3	9.3	10.1	8.6
4	1	Junction with Hwy #3 to Royal Oak Mine	5	1360	1390	1200	1270	1460	900	870	1240	1240	1240	2.5	2.5	2.2	2.3	2.7	1.6	1.6	2.3	2.3
4	10	Royal Oak Mine to Prelude Lake East Access	11.8	940	960	1000	820	650	660	610	730	730	730	4.0	4.2	4.3	3.6	2.8	2.9	2.7	3.2	3.2
4	43	Prelude Lake East Access to Tibbitt Lake	52.4	130	130	150	130	160	130	160	100	100	100	2.5	2.6	2.8	2.4	3.0	2.4	3.0	1.9	1.9
		4 Collector	69.2										9.0	9.3	9.3	8.3	8.5	6.9	7.2	7.3	7.3	7.3
5	1	Junction with Hwy #2 to Hay River Indian Village Access	2.5	640	630	620	620	560	560	560	560	560	560	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
5	19	Hay River Reserve Access to Junction with Hwy #6	57.9	230	230	230	160	230	260	210	150	170	170	4.9	4.9	4.8	3.5	4.8	5.5	4.5	3.2	3.7
5	65	Junction with Hwy #6 to Salt River Village Access Road	187.8	100	110	110	90	110	90	70	80	80	80	6.6	6.6	7.3	5.8	6.0	7.4	6.4	4.5	5.3
5	232	Salt River Village Access Road to Trout Street	13.5	160	160	150	130	130	130	130	130	130	130	0.8	0.8	0.7	0.8	0.6	0.6	0.6	0.6	0.6
5	257	Fort Smith Access (Trout St.) to King St. Intersection	4.3	500	500	490	500	420	420	420	420	420	420	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
		5 Collector	266										13.6	13.7	14.1	11.4	12.6	14.7	12.6	9.5	10.8	11.0
6	30	Junction with Hwy #5 to Little Buffalo Village Road	68.3	30	70	80	80	70	80	80	80	80	80	0.8	1.6	1.9	1.9	1.9	2.1	2.1	1.9	2.0
6	74	Little Buffalo Village Road to Fort Resolution	21.7	100	100	100	100	80	110	110	100	120	110	0.8	0.8	0.8	0.8	0.6	0.8	0.9	0.8	0.8
		6 Collector	90										1.6	2.4	2.7	2.7	2.5	2.9	3.0	2.6	2.9	2.9
7	35	BC Border to Fort Liard	37.6	100	110	110	80	110	110	110	140	120	120	1.4	1.5	1.5	1.1	1.5	1.5	1.5	1.9	1.6
7	253	Fort Liard to Junction with Hwy #1	216.5	60	70	50	40	50	50	50	30	30	30	4.8	5.2	3.7	3.3	4.0	4.0	4.0	2.7	2.7
		7 Collector	254.1										6.1	6.8	5.2	4.4	5.5	5.5	4.6	4.3	4.3	4.3
8	34	Yukon Border to Fort McPherson Access	85.4	70	60	70	70	50	70	70	70	50	50	2.3	2.0	2.0	2.1	1.7	2.2	2.2	2.2	1.6
8	106	Fort McPherson Access to Mackenzie River Ferry	57.2	90	120	110	130	150	120	110	90	100	80	1.8	2.4	2.2	2.7	3.1	2.6	2.3	1.9	2.1
8	243	Mackenzie River Ferry to Airport Access Road	116.7	130	110	110	110	80	80	80	80	80	80	5.5	4.7	4.6	4.5	3.3	3.3	3.3	3.3	3.3
8	259	Airport Access Road to Tuk Park Access Road	6.1	1120	960	960	970	740	740	740	740	740	740	2.5	2.1	2.1	2.2	1.6	1.6	1.6	1.6	1.6
8	268	Tuk Park Access Road to Inuvik	3.9	1940	1660	1680	1700	1370	1370	1370	1370	1370	1270	2.8	2.4	2.4	2.4	1.9	1.9	1.9	1.9	1.8
		8 collector	269.3										14.9	13.6	13.3	13.8	11.8	11.7	11.4	11.0	10.6	10.0
		Total Collector	1312										53.7	56.5	55.9	49.1	47.4	49.3	48.0	44.4	46.0	44.1
		Total Vehicle Kilometres Travelled											158.5	149.8	144.8	138.3	131.0	141.7	140.6	130.0	122.0	117.0

Percent increase from 2004 to 2005 = 4.3% (Arterial increase = 4.3%; Collector increase = 4.2%)

Percent increase from 2005 to 2006 = 6.6% (Arterial increase = 12.7%; Collector increase = -3.5%)

Percent increase from 2006 to 2007 = 8.1% (Arterial increase = 8.1%; Collector increase = 8.9%)

Percent increase from 2007 to 2008 = 0.8% (Arterial increase = -0.2%; Collector increase = 2.7%)

Percent increase from 2008 to 2009 = -7.5% (Arterial increase = -9.5%; Collector increase = -3.9%)

Percent increase from 2009 to 2010 = 5.5% (Arterial increase = 6.7%; Collector increase = 3.5%)

Percent increase from 2010 to 2011 = 4.7% (Arterial increase = -0.4%; Collector increase = 13.9%)

Percent increase from 2011 to 2012 = 3.5% (Arterial increase = 5%; Collector increase = 1.1%)

Average annual percent increase from 2004 to 2013 = 3.9% (Arterial increase = 4.9%; Collector increase = 2.4%)

Vehicle Kilometres Travelled (VKT) is a unit for measuring the amount of traffic on a road. It is calculated by multiplying the AADT by the length of the road.

I.E. (number of vehicles)(number of kilometres assumed driven)=vehicle kilometres travelled. VKT indicates usage of a road and is typically used to calculate collision rates.

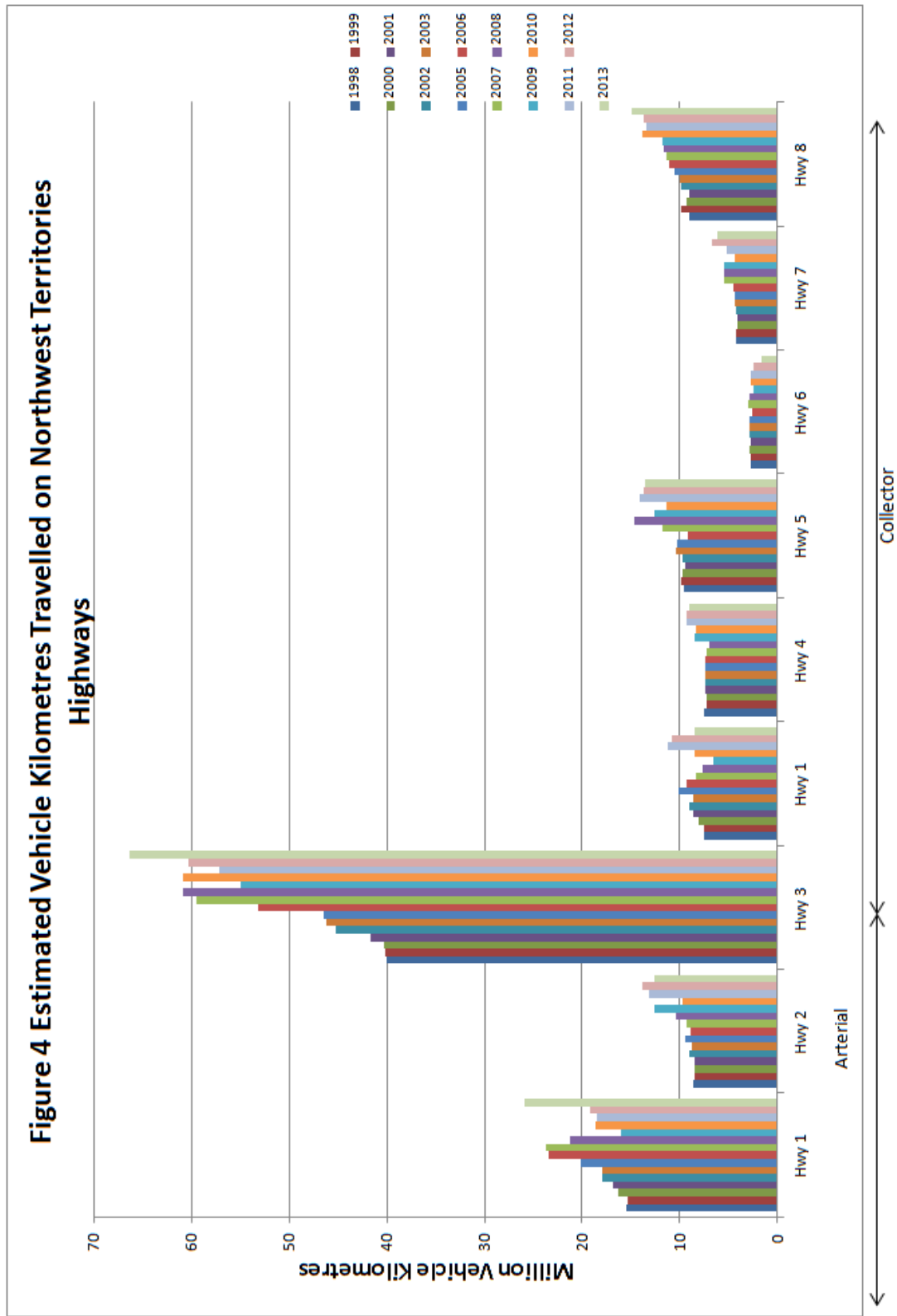


Figure 5 Yearly Trend in Road-Related Indicators

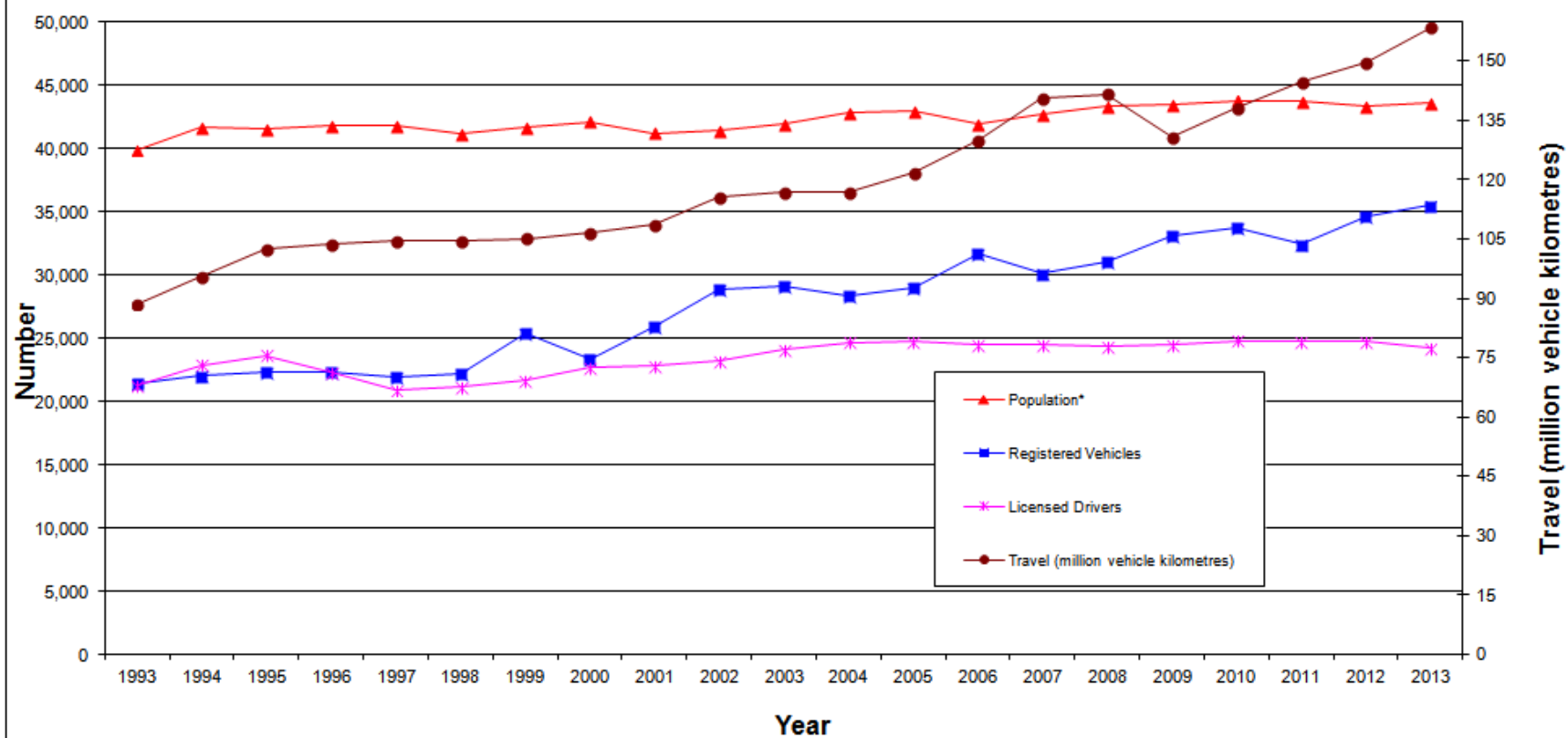
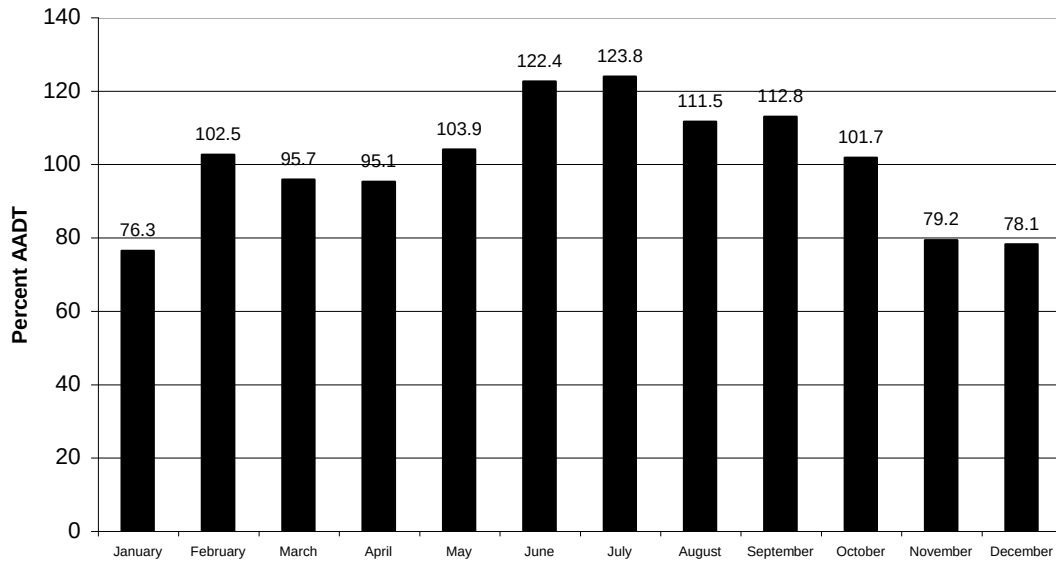


Figure 6
Distribution of Monthly Traffic
Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

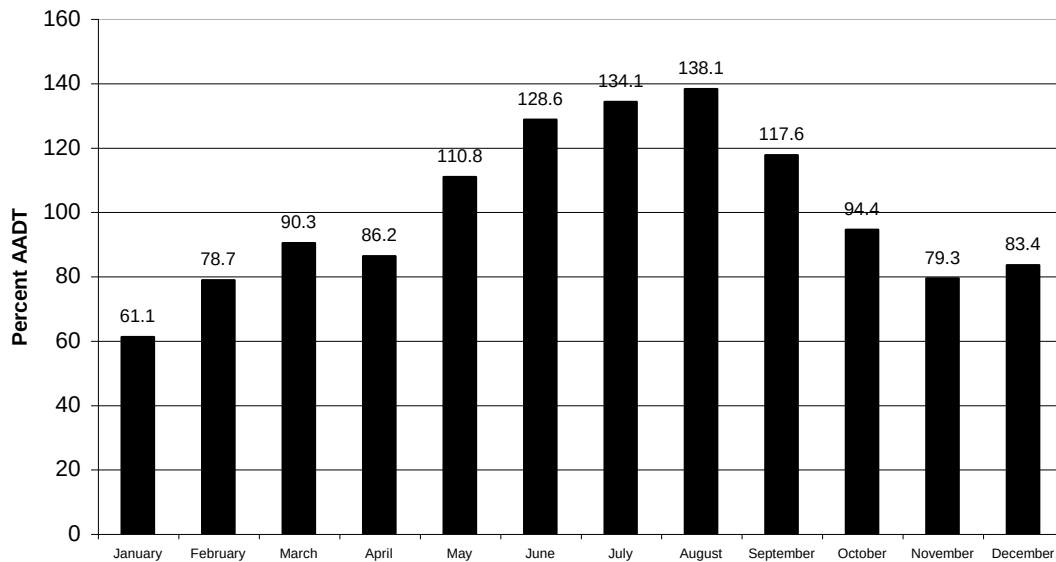
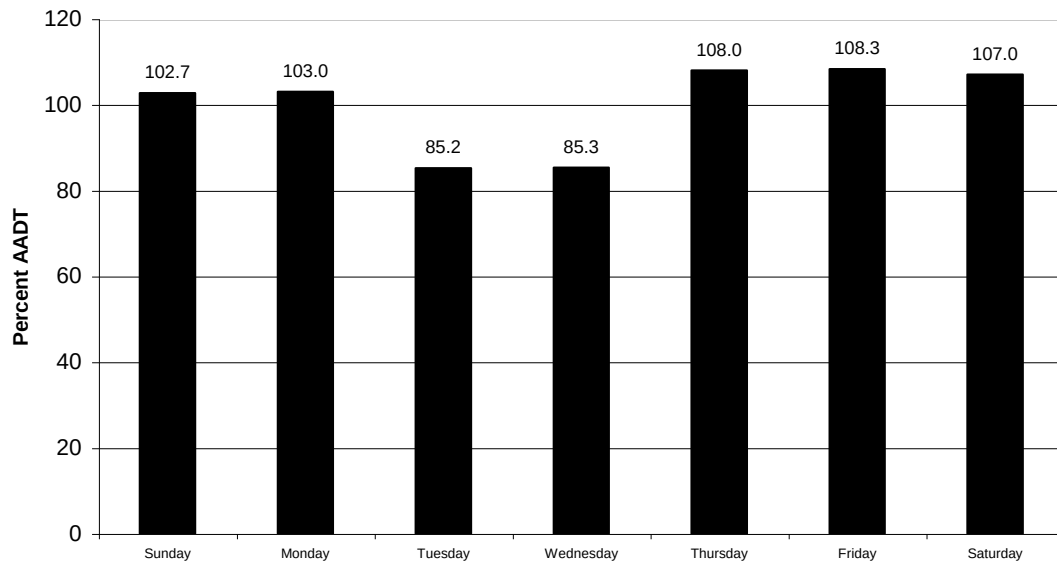


Figure 7
Distribution of Daily Traffic
Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

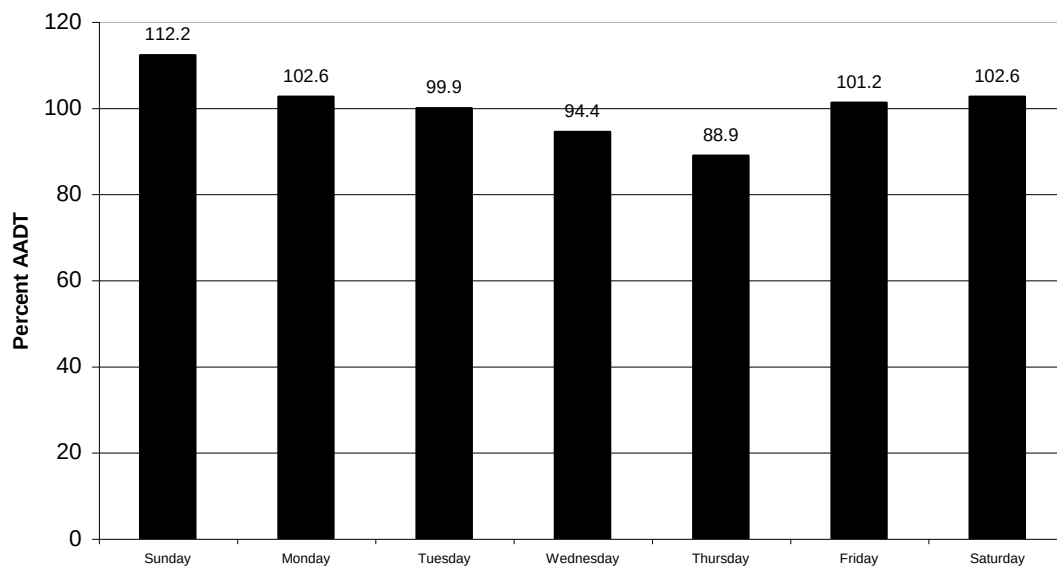
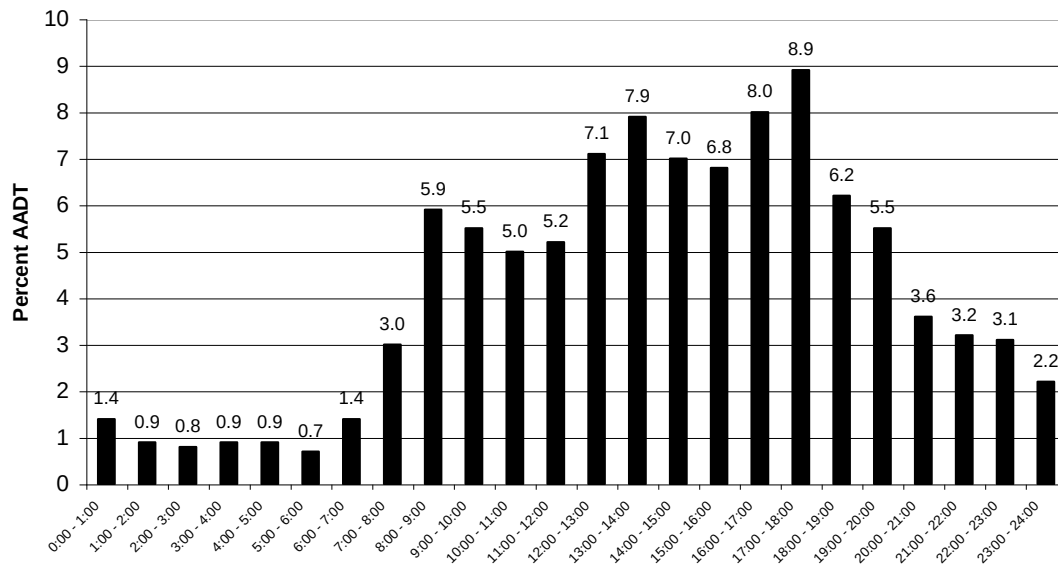


Figure 8
Distribution of Hourly Traffic
Typical Near Urban Highway
(Hwy 3, Km 338)



Typical Rural Highway
(Hwy 5, Km 65)

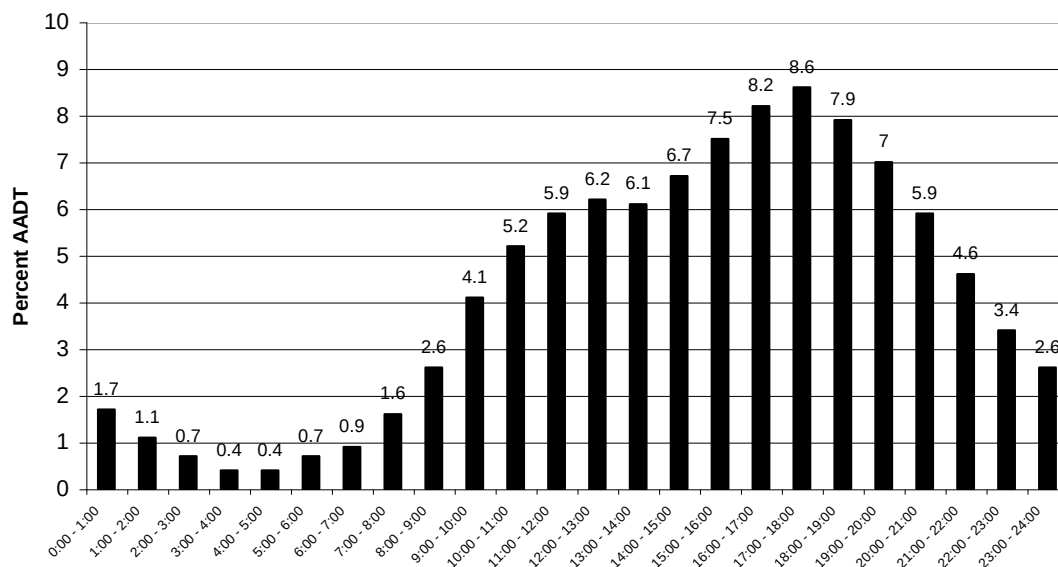
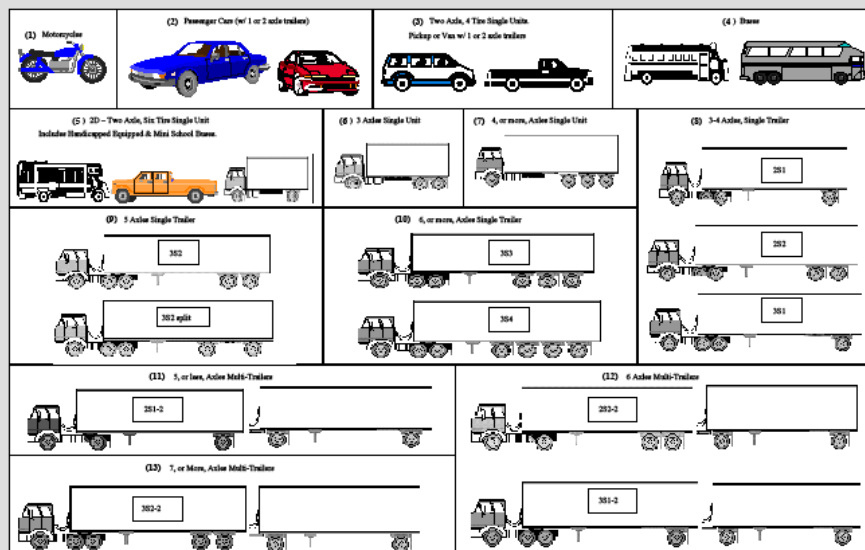
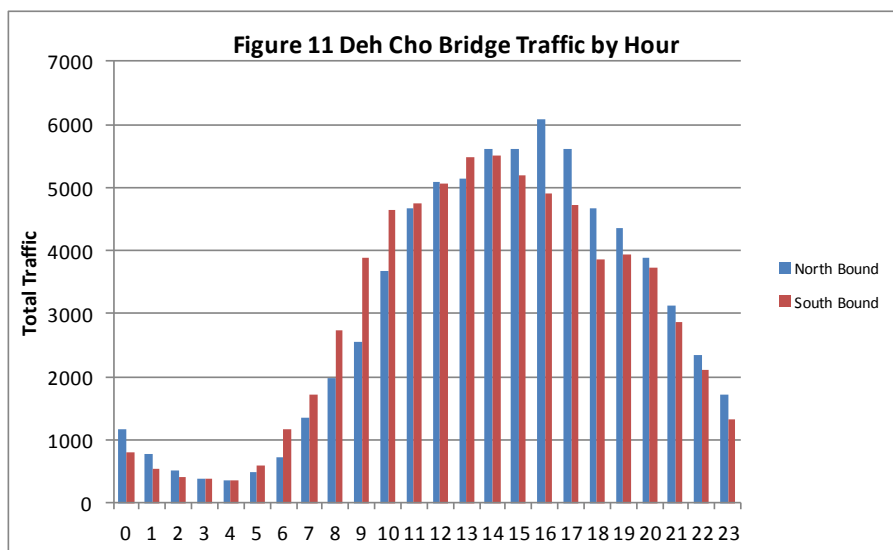
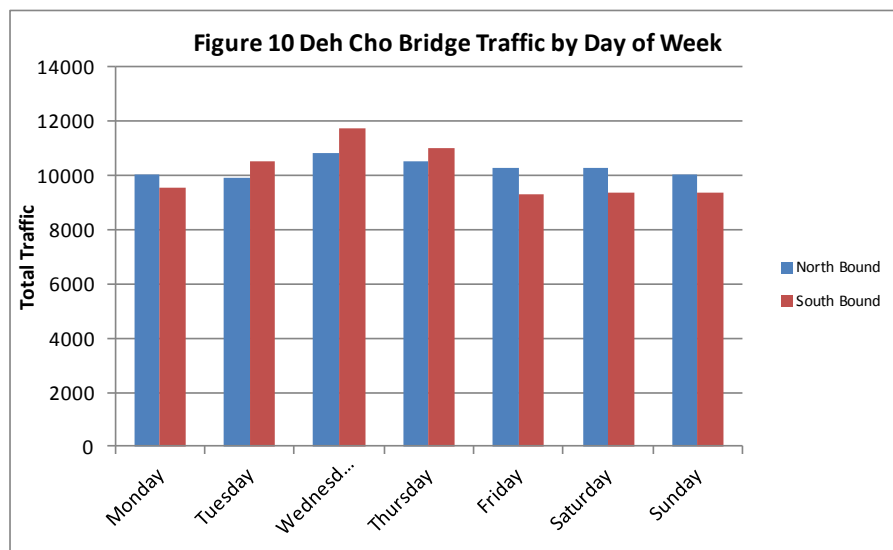
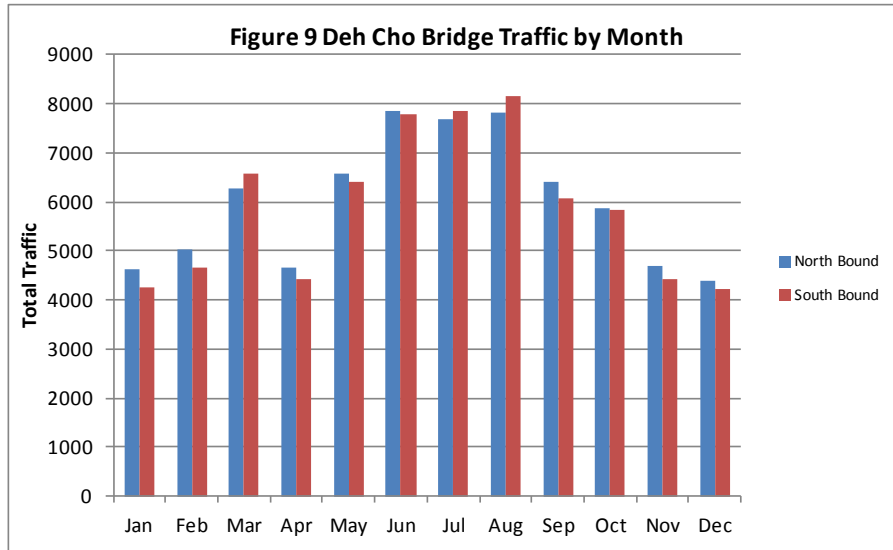


Table 9 Traffic on the Deh Cho Bridge by Month and FHWA Vehicle Class

FHWA Vehicle Class	Monthly Traffic												Total Annual Traffic
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0	0	0	10	3	20	26	38	9	7	0	0	113
2	2,720	2,082	3,451	2,468	1,135	1,168	1,482	1,933	2,176	1,870	583	760	21,828
3	3,551	4,330	5,788	3,454	4,485	4,918	5,595	6,199	5,171	4,615	3,538	3,103	54,747
4	0	4	2	7	15	37	27	10	18	18	16	10	164
5	1,104	1,028	1,162	1,849	5,539	7,614	6,155	5,230	2,444	2,490	2,073	2,322	39,010
6	125	156	78	125	276	270	197	338	237	252	173	158	2,385
7	1	0	1	0	2	6	2	5	3	3	5	9	37
8	6	6	3	3	16	10	12	9	14	19	6	13	117
9	208	295	408	393	503	554	631	604	697	694	662	522	6,171
10	250	311	520	238	354	332	393	402	397	433	291	285	4,206
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	903	1,462	1,416	558	647	728	1,033	1,181	1,314	1,307	1,782	1,418	13,749
Total	8,868	9,674	12,829	9,105	12,975	15,657	15,553	15,949	12,480	11,708	9,129	8,600	142,527
ADT	286	346	414	304	419	522	502	514	416	378	304	277	AADT: 390

FHWA Vehicle Classifications





Section 3.0

Vehicle Movements at Ferries and Weigh Scales

Table 10 Average Daily Traffic on Highway Ferries

Ferry Crossing	Location	Ferry	Vehicle Type	Year											
				2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Dory Point	Highway 3, near Fort Providence	M.V. Merv Hardie	Commercial Vehicles	closed Nov '12	101	94	93	71	94	95	73	71	67	64	64
			Light Vehicles	closed Nov '12	215	173	177	177	176	142	138	159	154	159	156
			Trailers Towed	closed Nov '12	24	19	19	20	18	19	17	17	18	21	19
			Total		0	340	286	289	268	288	256	227	247	239	239
Liard River	Highway 1, near Fort Simpson	M.V. Lafferty	Commercial Vehicles		21	37	36	20	19	20	17	17	21	20	16
			Light Vehicles		91	128	92	90	96	83	84	81	76	83	76
			Trailers Towed		9	17	9	8	8	7	7	7	6	6	7
			Total		121	182	138	118	123	110	108	106	104	109	113
Mackenzie River	Highway 8, near Tsiigehtchic	M.V. Louis Cardinal	Commercial Vehicles		10	25	20	40	27	24	23	18	21	20	15
			Light Vehicles		95	106	116	108	109	122	119	99	119	136	127
			Trailers Towed		4	8	7	9	10	8	11	8	10	14	7
			Total		109	140	142	157	146	154	152	125	150	170	155
Peel River	Highway 8, near Fort McPherson	C.F. Abraham Francis	Commercial Vehicles		20	30	45	42	25	22	19	18	16	34	16
			Light Vehicles		91	87	105	100	88	69	82	71	80	91	82
			Trailers Towed		5	7	7	9	7	6	10	7	6	8	9
			Total		116	124	157	151	120	97	111	96	102	132	107
Mackenzie River	Highway 1, near Camsell Bend	M.V. Johnny Berens	Commercial Vehicles		7	15	44	14	14	11	3	3	3	3	3
			Light Vehicles		15	4	9	5	5	9	18	16	16	18	17
			Trailers Towed		2	1	2	1	1	1	1	1	1	1	1
			Total		23	21	55	20	19	21	21	20	20	22	21

Figure 12
Average Daily Traffic on Highway Ferries

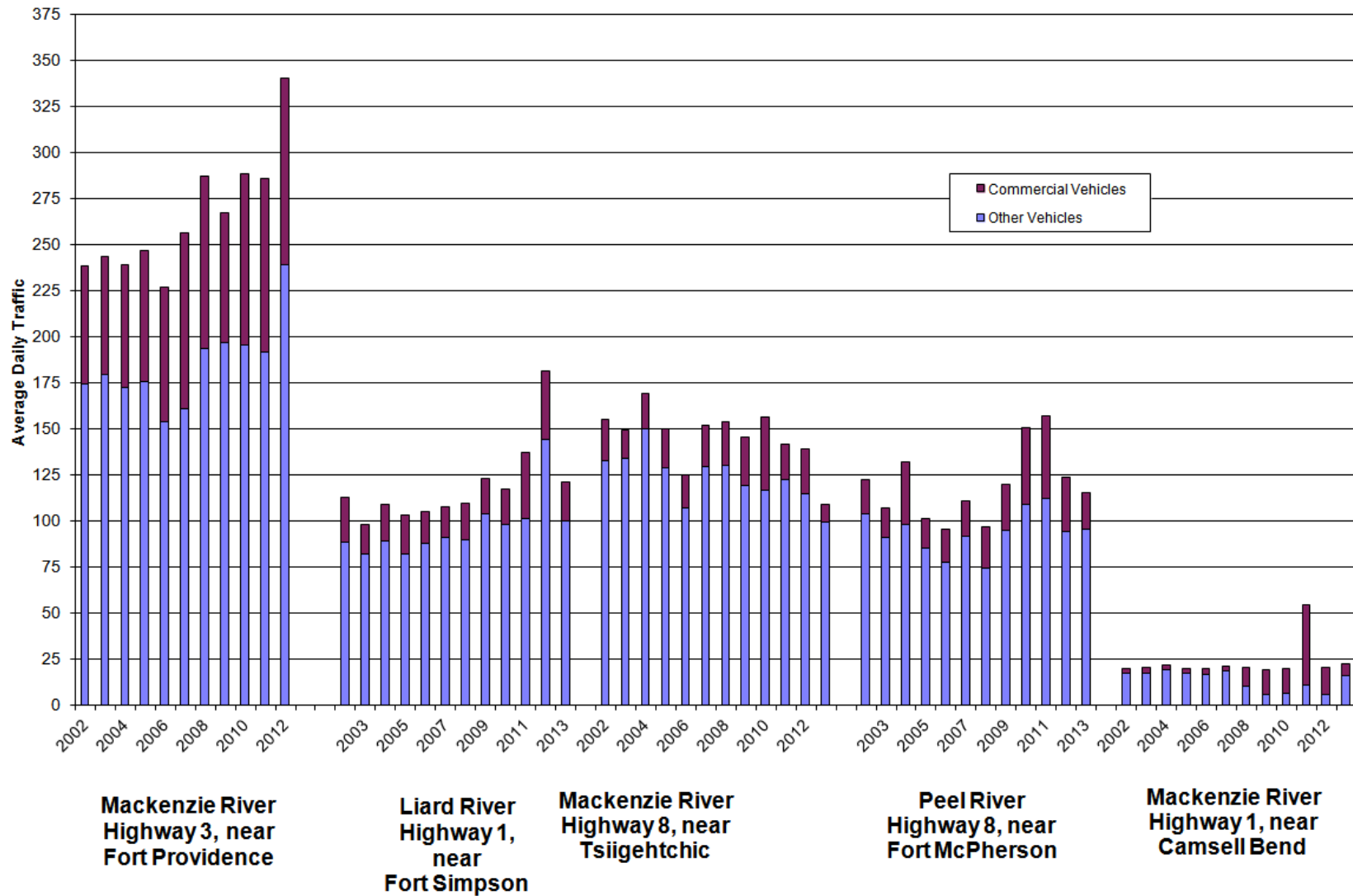


Table 11 Vehicle Classification Data at Dory Point Ferry (Highway 3 near Fort Providence, M.V. Merv Hardie)

Operating Season Open	Season Close	Month	Total Traffic	Average Daily Traffic	Percent of Total								Total Commercial	Number of Passengers
					Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other			
14-May-12	30-Nov-12	May-12	4,867	270	67.74	7.42	2.36	21.43	0.00	0.25	0.80	24.84	8,141	
		Jun-12	10,983	366	66.46	11.04	3.41	15.78	0.01	0.49	2.80	22.50	19,868	
		Jul-12	12,741	411	65.74	8.54	3.30	19.31	0.01	0.24	2.86	25.72	22,485	
		Aug-12	14,141	456	69.98	7.23	2.38	18.66	0.01	0.17	1.57	22.79	23,689	
		Sep-12	11,797	393	61.57	5.33	4.36	27.41	0.03	0.24	1.07	33.09	19,870	
		Oct-12	8,141	263	55.03	3.98	3.89	35.99	0.09	0.33	0.69	40.99	12,902	
		Nov-12	5,426	181	44.66	2.84	2.86	48.71	0.11	0.46	0.37	52.51	8,249	
		Total	68,096	340	63.20	7.04	3.28	24.50	0.03	0.30	1.67	29.77	115,204	
15-May-11	3-Feb-12	May-11	3,910	230	64.07	7.01	2.53	24.81	0.05	0.36	1.18	28.93	6,917	
		Jun-11	10,063	335	65.26	11.42	3.21	17.93	0.04	0.42	1.73	23.32	17,050	
		Jul-11	13,439	434	64.41	9.47	2.11	21.82	0.04	0.27	1.88	26.12	23,386	
		Aug-11	12,052	389	63.57	7.40	2.88	24.05	0.03	0.23	1.83	29.03	19,621	
		Sep-11	10,015	334	60.09	6.06	3.05	29.96	0.01	0.37	0.47	33.85	16,273	
		Oct-11	8,606	278	61.71	3.45	2.96	30.97	0.08	0.49	0.34	34.84	13,389	
		Nov-11	5,502	183	60.16	2.47	3.80	32.24	0.04	0.44	0.85	37.37	8,381	
		Dec-11	6,282	203	64.85	2.64	3.66	28.05	0.02	0.35	0.43	32.51	10,212	
		Jan-12	5,133	166	30.63	2.12	8.65	57.24	0.23	0.25	0.88	67.25	6,701	
		Feb-12	483	161	3.31	0.83	8.70	83.64	0.21	0.41	2.90	95.86	517	
		Total	75,485	286	60.53	6.50	3.36	28.02	0.05	0.34	1.19	32.97	122,447	
6-May-10	14-Jan-11	Total	73,110	289	61.09	6.68	2.23	28.28	0.06	0.52	1.12	32.22	120,944	
15-May-09	21-Jan-10	Total	67,238	268	66.09	7.40	2.42	22.37	0.06	0.57	1.08	26.51	117,995	
13-May-08	26-Jan-09	Total	74,242	288	61.13	6.19	2.15	28.91	0.03	0.54	1.05	32.68	127,007	
14-May-07	18-Jan-08	Total	63,843	256	55.24	7.55	2.07	33.47	0.04	0.66	0.97	37.21	109,615	
7-May-06	22-Jan-07	Total	59,021	227	60.64	7.30	2.82	27.41	0.07	0.71	1.06	32.06	101,293	
12-May-05	2-Feb-06	Total	65,647	247	64.59	6.78	2.63	23.71	0.07	0.75	1.47	28.63	120,268	
17-May-04	6-Jan-05	Total	55,968	239	64.58	7.56	2.68	23.09	0.08	0.79	1.23	27.86	104,377	
17-May-03	9-Jan-04	Total	57,720	244	65.40	8.45	2.23	21.87	0.10	0.71	1.25	26.16	109,721	
22-May-02	27-Jan-03	Total	59,728	239	65.17	7.98	2.28	22.68	0.13	0.70	1.06	26.85	111,535	
12-May-01	15-Jan-02	Total	60,868	245	62.66	7.22	2.22	25.37	0.53	0.78	1.22	30.12	115,370	
9-May-00	15-Jan-01	Total	51,753	206	65.10	8.20	2.10	22.26	0.03	0.79	1.52	26.70	99,729	
9-May-99	21-Jan-00	Total	51,753	201	67.83	8.72	2.04	19.18	0.06	0.84	1.33	23.45	102,541	

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 every day in the month, except for the beginning and ending months where the actual number of days is used.

Table 12 Vehicle Classification Data at Liard River Ferry (Highway 1 near Fort Simpson, M.V. Lafferty)

Operating Season		Month	Total Traffic	Average Daily Traffic	Percent of Total								Total Commercial	Number of Passengers
					Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other			
19-May-13	8-Nov-13	May-13	1,452	112	76.03	5.44	9.64	4.48	0.14	0.07	4.20	18.53	2,559	
		Jun-13	3,896	130	72.66	7.49	6.72	10.50	0.15	0.10	2.36	19.84	7,366	
		Jul-13	4,226	136	72.95	7.95	7.48	8.61	0.38	0.07	2.56	19.10	7,679	
		Aug-13	3,881	125	74.67	9.56	3.66	9.43	0.57	0.00	2.11	15.77	7,200	
		Sep-13	3,598	120	77.07	8.00	3.92	9.23	0.33	0.06	1.39	14.92	6,893	
		Oct-13	3,371	109	77.16	4.48	5.25	10.92	0.44	0.12	1.63	18.36	6,347	
		Nov-13	592	74	85.64	3.89	4.05	4.39	0.34	0.00	1.69	10.47	1,069	
		Total	21,016	121	75.17	7.33	5.72	9.18	0.36	0.07	2.18	17.51	39,113	
14-May-12	26-Oct-12	May-12	4,867	270	67.74	7.42	2.36	21.43	0.00	0.25	0.80	24.84	8,141	
		Jun-12	10,983	366	66.46	11.04	3.41	15.78	0.01	0.49	2.80	22.50	19,868	
		Jul-12	3,554	115	72.79	11.90	3.32	8.75	0.20	0.14	2.90	15.31	6,876	
		Aug-12	4,087	132	74.09	8.74	3.91	11.33	0.29	0.05	1.59	17.18	7,898	
		Sep-12	3,640	121	76.51	7.25	2.77	11.54	0.66	0.05	1.21	16.24	6,908	
		Oct-12	2,828	91	74.72	4.92	3.75	12.23	1.59	0.00	2.79	20.37	4,716	
		Total	29,959	182	70.46	9.20	3.25	14.41	0.30	0.25	2.13	20.34	54,407	
		13-May-11	3-Nov-11	May-11	1,753	92	80.15	5.82	3.42	4.73	0.00	0.46	5.42	14.03
Jun-11	3,177			106	73.02	7.21	7.99	9.10	0.38	0.06	2.23	19.77	5,984	
Jul-11	3,638			117	73.03	9.81	6.07	8.33	0.27	0.14	2.34	17.15	7,073	
Aug-11	3,963			128	70.68	8.33	9.59	9.59	0.15	0.10	1.56	20.99	7,583	
Sep-11	5,653			188	60.59	5.71	25.07	7.24	0.37	0.14	0.88	33.70	9,841	
Oct-11	5,319			172	58.32	3.65	30.25	6.86	0.23	0.08	0.62	38.03	8,631	
Nov-11	435			145	78.39	2.53	6.21	7.13	2.30	0.00	3.45	19.08	720	
Total	23,938			138	67.05	6.46	16.58	7.77	0.30	0.13	1.72	26.49	43,016	
10-May-10	8-Nov-10	Total	21,402	118	76.75	6.52	4.27	9.98	0.29	0.21	1.99	16.74	41,124	
15-May-09	4-Nov-09	Total	21,318	123	77.77	6.65	3.62	9.18	0.80	0.20	1.79	15.58	40,876	
16-May-08	3-Nov-08	Total	18,744	110	75.61	6.27	3.53	12.07	0.22	0.19	2.10	18.12	34,601	
9-May-07	7-Nov-07	Total	19,615	108	77.84	6.83	3.48	8.84	0.25	0.27	2.50	15.33	36,622	
17-May-06	2-Nov-06	Total	17,841	106	77.10	6.48	3.81	8.78	1.09	0.31	2.42	16.42	36,823	
11-May-05	5-Nov-05	Total	18,431	104	73.46	6.15	4.42	12.98	0.12	0.32	2.54	20.38	37,563	
17-May-04	26-Oct-04	Total	17,664	109	76.14	5.96	3.88	10.15	0.32	0.22	3.34	17.91	36,336	
13-May-03	4-Nov-03	Total	17,193	98	77.18	6.67	4.25	8.95	0.22	0.28	2.45	16.16	35,679	
22-May-02	6-Nov-02	Total	18,976	113	72.23	6.09	4.83	13.67	0.08	0.40	2.70	21.68	37,830	
15-May-01	3-Nov-01	Total	17,146	100	75.66	5.69	5.33	9.44	0.30	0.48	3.11	18.65	34,612	
9-May-00	3-Nov-00	Total	16,048	90	77.20	6.77	4.38	7.75	0.24	0.57	3.09	16.03	33,040	
10-May-99	3-Nov-99	Total	17,376	98	77.47	5.84	4.33	8.68	0.21	0.93	2.54	16.68	34,907	

Table 13 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	Percent of Total				Total Commercial	Number of Passengers
								Truck Semi Trailer	Over size	Bus	Other		
5-Jun-13	7-Dec-13	Jun-13	4,805	185	86.47	2.81	1.35	3.56	0.21	0.00	5.60	10.72	8,168
		Jul-13	4,336	145	86.85	3.74	1.50	3.30	0.42	0.00	4.20	9.41	7,372
		Aug-13	3,379	109	87.69	5.33	4.76	0.36	0.12	0.00	1.75	6.98	5,745
		Sep-13	4,380	141	95.00	2.95	1.16	0.00	0.89	0.00	0.00	2.05	7,446
		Oct-13	1,373	46	80.84	7.06	0.73	7.28	0.29	0.00	3.79	12.09	2,500
		Nov-13	1,215	33	81.81	5.51	0.49	8.31	0.25	0.00	3.62	12.67	2,364
		Dec-13	710	24	67.61	4.93	9.15	13.52	0.56	0.00	4.23	27.46	1,500
		Total	20,198	109	87.28	3.99	2.09	3.08	0.41	0.00	3.15	8.73	35,095
3-Jun-12	29-Oct-12	Jun-12	3,524	126	77.53	6.78	3.94	6.02	0.06	0.00	5.68	15.69	6,255
		Jul-12	4,599	153	76.06	5.63	3.72	11.02	0.07	0.13	3.37	18.31	8,409
		Aug-12	6,164	199	75.44	5.74	7.33	6.21	0.16	0.84	4.27	18.82	11,078
		Sep-12	3,374	109	76.14	5.96	5.33	7.71	0.12	0.41	4.33	17.90	6,106
		Oct-12	2,999	100	76.16	5.97	5.34	7.70	0.10	0.40	4.33	17.87	4,534
		Total	20,660	140	76.15	5.96	5.33	7.71	0.11	0.41	4.33	17.88	36,382
3-Jun-11	31-Oct-11	Jun-11	3,790	135	80.18	5.09	2.24	9.05	0.21	0.08	3.14	14.72	6,839
		Jul-11	4,986	166	80.24	6.08	1.48	9.13	0.26	0.22	2.59	13.68	9,535
		Aug-11	5,177	167	81.30	5.79	1.29	9.81	0.02	0.04	1.74	12.90	9,632
		Sep-11	4,033	130	81.18	3.45	1.88	11.75	0.02	0.12	1.59	15.37	6,991
		Oct-11	3,318	111	85.59	1.57	1.75	9.40	0.00	0.00	1.69	12.84	5,691
		Total	21,304	142	81.50	4.63	1.69	9.82	0.11	0.10	2.15	13.87	38,688
26-May-10	28-Oct-10	Total	24,266	157	69.19	5.52	4.37	17.21	0.19	0.15	3.38	25.29	42,975
3-Jun-09	25-Oct-09	Total	21,001	146	74.96	6.69	4.64	10.57	0.34	0.06	2.73	18.35	40,431
30-May-08	23-Oct-08	Total	22,479	154	79.49	4.96	4.65	8.57	0.18	0.09	2.06	15.55	41,298
2-Jun-07	22-Oct-07	Total	21,632	152	77.82	7.09	4.28	8.42	0.25	0.10	2.04	15.09	46,879
31-May-06	29-Oct-06	Total	18,883	125	79.44	6.39	3.25	8.52	0.21	0.13	2.06	14.17	37,741
27-May-05	29-Oct-05	Total	23,256	150	79.02	6.85	4.26	7.64	0.18	0.09	1.97	14.13	46,230
4-Jun-04	21-Oct-04	Total	23,574	170	80.24	8.17	2.58	7.61	0.22	0.08	1.09	11.58	40,642
5-Jun-03	1-Nov-03	Total	22,311	150	85.05	4.63	2.25	7.17	0.12	0.16	0.62	10.32	48,269
5-Jun-02	19-Oct-02	Total	21,130	155	77.24	8.27	3.86	8.11	0.59	0.13	1.80	14.49	46,844
5-Jun-01	26-Oct-01	Total	19,827	139	75.07	8.92	2.86	11.31	0.42	0.11	1.31	16.01	42,172
5-Jun-00	23-Oct-00	Total	18,795	134	78.72	9.82	2.52	6.88	0.11	0.14	1.81	11.47	39,917
2-Jun-99	15-Oct-99	Total	19,028	141	76.55	10.98	3.33	7.17	0.06	0.22	1.70	12.47	41,066

Table 14 Vehicle Classification Data at Peel River Ferry (Highway 8 near Fort McPherson, C.F. Abraham Francis)

Operating Season		Month	Total	Average	Percent of Total							Total Commercial	Number of Passengers
			Traffic	Daily Traffic	Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other		
8-Jun-13	13-Dec-13	Jun-13	3,893	169	87.34	3.85	2.52	3.08	0.08	0.05	3.08	8.81	4,800
		Jul-13	4,755	159	72.09	5.95	0.84	17.14	0.15	0.27	3.55	21.96	10,158
		Aug-13	7,150	231	75.02	4.60	1.06	19.20	0.03	0.08	0.00	20.38	7,645
		Sep-13	2,847	92	83.49	3.86	0.49	11.77	0.39	0.00	0.00	12.64	5,143
		Oct-13	2,525	84	83.25	0.95	4.16	8.71	1.82	0.00	1.11	15.80	4,656
		Nov-13	519	12	79.58	6.55	2.12	6.55	2.70	0.00	2.50	13.87	1,143
		Dec-13	49	2	0.00	0.00	20.41	71.43	8.16	0.00	0.00	100.00	46
		Total	21,738	116	78.59	4.28	1.63	13.49	0.40	0.10	1.52	17.13	33,591
3-Jun-12	31-Oct-12	Jun-12	2,633	94	59.78	11.96	3.08	19.26	0.11	0.04	5.77	28.26	4,985
		Jul-12	4,362	145	65.22	6.69	1.22	23.13	0.23	0.25	3.26	28.08	9,096
		Aug-12	6,671	215	74.38	5.20	1.86	14.77	0.25	0.58	2.95	20.42	16,505
		Sep-12	3,197	103	71.85	4.10	1.53	20.74	0.13	0.00	1.66	24.05	5,807
		Oct-12	1,750	58	75.54	1.89	3.60	17.71	0.00	0.00	1.26	22.57	3,063
		Total	18,613	124	69.84	6.01	1.99	18.66	0.18	0.27	3.04	24.15	39,456
1-Jun-11	7-Nov-11	Jun-11	5,052	168	80.76	5.72	1.46	9.74	0.16	0.04	2.12	13.52	9,428
		Jul-11	6,614	220	73.54	5.75	2.56	14.83	0.14	0.23	2.96	20.71	14,004
		Aug-11	6,433	208	63.66	4.69	1.76	27.55	0.09	0.02	2.24	31.65	12,329
		Sep-11	5,066	163	45.83	2.53	0.93	48.99	0.14	0.12	1.46	51.64	7,948
		Oct-11	1,628	54	73.03	4.18	2.15	17.94	0.25	0.12	2.33	22.79	3,112
		Nov-11	181	26	90.61	2.21	1.10	2.21	0.55	0.00	3.31	7.18	336
		Total	24,974	157	66.93	4.69	1.76	24.12	0.14	0.10	2.26	28.39	47,157
1-Jun-10	31-Oct-10	Total	22,912	151	66.38	5.84	2.51	21.18	0.21	0.16	3.73	27.78	44,624
1-Jun-09	5-Nov-09	Total	18,839	120	73.69	5.62	3.03	13.03	0.20	0.19	4.25	20.69	40,127
25-May-08	27-Oct-08	Total	15,005	97	71.38	5.80	1.93	14.78	0.35	0.25	5.50	22.82	29,214
2-Jun-07	19-Oct-07	Total	15,446	111	73.83	8.69	1.78	11.96	0.06	0.19	3.48	17.47	32,294
2-Jun-06	26-Oct-06	Total	14,007	96	74.07	7.22	2.03	12.37	0.11	0.23	3.96	18.70	29,032
25-May-05	24-Oct-05	Total	15,446	102	78.36	5.79	2.04	10.33	0.41	0.14	2.94	15.86	32,264
2-Jun-04	28-Oct-04	Total	19,537	132	68.67	5.94	1.38	8.84	0.26	0.10	14.81	25.39	31,360
4-Jun-03	29-Oct-03	Total	15,715	107	76.46	8.63	1.24	10.38	0.53	0.39	2.37	14.91	32,233
2-Jun-02	25-Oct-02	Total	17,810	123	78.72	5.72	1.73	9.34	1.07	0.52	2.91	15.56	37,322
10-Jun-01	29-Oct-01	Total	16,114	114	71.85	8.56	3.09	14.42	0.25	0.41	1.41	19.59	31,498
6-Jun-00	26-Oct-00	Total	11,959	84	76.25	9.67	1.71	9.01	0.29	0.48	2.59	14.08	27,823
31-May-99	15-Oct-99	Total	12,713	93	76.84	13.39	0.82	5.62	0.49	0.46	2.38	9.77	28,066

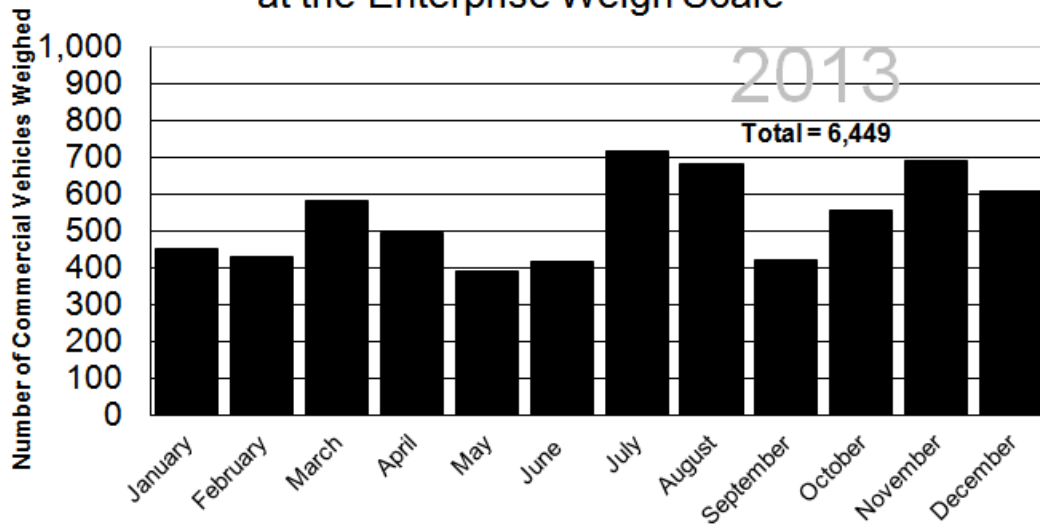
Table 15 Vehicle Classification Data at Mackenzie River Ferry (Highway 1, road to Wrigley, near Camsell Bend, M.V. Johnny Berens)

Operating Season		Month	Total Traffic	Average Daily Traffic	Percent of Total								Total Commercial	Number of Passengers
					Light Vehicles	Trailers Towed	Truck Single Unit	Truck Semi Trailer	Over size	Bus	Other			
24-May-13	8-Nov-13	May-13	160	20	23.75	1.88	63.75	0.00	4.38	0.00	6.25	74.38	313	
		Jun-13	675	23	14.22	10.22	61.33	2.96	7.56	1.04	2.67	75.56	1,298	
		Jul-13	715	23	63.78	11.19	11.75	7.69	2.38	1.54	1.68	25.03	1,257	
		Aug-13	687	22	85.74	4.80	1.89	5.09	1.46	0.29	0.73	9.46	1,144	
		Sep-13	756	25	80.16	6.75	0.00	10.32	2.78	0.00	0.00	13.10	1,166	
		Oct-13	662	17	81.87	3.93	0.00	12.99	0.91	0.00	0.30	14.20	966	
		Nov-13	182	6	78.57	2.75	0.00	2.75	15.38	0.00	0.55	18.68	256	
		Total	3,837	23	64.37	6.96	15.98	7.27	3.65	0.52	1.25	28.67	6,400	
24-May-12	28-Oct-12	May-12	127	16	17.32	4.72	71.65	0.00	0.00	0.00	6.30	77.95	225	
		Jun-12	477	16	15.72	6.71	63.10	1.05	7.13	0.00	6.29	77.57	957	
		Jul-12	751	24	18.11	5.86	61.92	4.53	5.33	0.00	4.26	76.03	1,460	
		Aug-12	641	21	37.75	11.54	41.34	4.06	2.81	0.00	2.50	50.70	1,420	
		Sep-12	360	12	38.61	11.11	28.06	10.00	8.61	0.00	3.61	50.28	1,646	
		Oct-12	896	32	4.46	3.35	62.28	18.75	8.59	0.00	2.57	92.19	1,457	
		Total	3,252	21	20.11	6.95	54.77	8.27	6.15	0.00	3.75	72.94	7,165	
		20-May-11	2-Nov-11	May-11	252	21	16.27	3.17	57.94	8.73	7.94	0.40	5.56	80.56
Jun-11	1,255			42	9.72	3.98	55.54	24.14	3.82	0.16	2.63	86.29	2,222	
Jul-11	1,125			36	12.89	7.73	52.62	6.76	18.40	0.00	1.60	79.38	2,028	
Aug-11	1,601			52	9.49	5.12	51.03	10.68	21.86	0.00	1.81	85.38	2,839	
Sep-11	1,999			67	26.46	3.05	48.32	3.65	17.71	0.00	0.80	70.49	2,584	
Oct-11	2,694			82	18.23	1.04	34.78	2.41	42.65	0.00	0.89	80.73	3,262	
Nov-11	174			6	18.39	1.15	34.48	2.30	42.53	0.00	1.15	80.46	210	
Total	9,100			55	16.62	3.49	46.32	7.85	24.20	0.03	1.49	79.89	13,674	
14-May-10	31-Oct-10	Total	3,397	20	25.26	6.45	57.93	3.83	3.50	0.09	2.94	68.30	7,300	
22-May-09	2-Nov-09	Total	3,177	19	23.92	5.35	59.87	2.99	3.43	0.03	4.41	70.73	6,614	
3-Jun-08	31-Oct-08	Total	3,129	21	43.67	4.74	40.49	4.58	2.24	0.04	4.25	51.60	6,367	
20-May-07	6-Nov-07	Total	3,594	21	83.17	4.76	4.48	3.39	0.25	0.17	3.78	12.08	7,711	
27-May-06	2-Nov-06	Total	3,155	20	79.90	4.37	8.27	3.36	0.67	0.25	3.17	15.72	6,512	
20-May-05	4-Nov-05	Total	3,327	20	81.97	4.51	7.03	3.37	0.00	0.39	2.74	13.53	6,858	
28-May-04	22-Oct-04	Total	3,242	22	83.44	4.04	6.01	4.60	0.00	0.12	1.79	12.52	6,670	
30-May-03	31-Oct-03	Total	3,163	21	82.04	4.20	7.90	3.00	0.00	0.00	2.85	13.75	6,716	
31-May-02	1-Nov-02	Total	3,106	20	79.65	5.54	6.89	3.86	0.35	0.13	3.57	14.81	6,402	
22-May-01	29-Oct-01	Total	3,404	21	78.50	6.35	6.61	3.14	1.00	0.24	4.17	15.16	6,742	
20-May-00	30-Oct-00	Total	3,786	23	72.87	3.30	3.86	3.28	0.34	0.16	16.19	23.82	7,593	

Table 16 Vehicle Classification at the Enterprise Weigh Scale

Unit Type	2013												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	10	5	11	20	19	20	13	23	16	7	14	21	179	2.78
Tandem	18	15	13	17	43	33	43	39	48	20	19	21	329	5.10
4-Axle	2	1	3	7	1	0	0	3	2	1	1	0	21	0.33
5 Axle	83	65	126	141	108	108	176	165	96	134	156	137	1,495	23.18
6 Axle	134	108	175	122	84	115	259	245	113	138	66	97	1,656	25.68
A Train	29	18	31	61	43	46	48	46	18	39	46	46	471	7.30
B Train	0	0	0	0	0	1	6	1	1	0	0	0	9	0.14
C Train	0	0	0	0	0	2	0	0	0	0	0	0	2	0.03
Super B	170	205	221	128	94	93	171	161	128	219	386	272	2,248	34.86
Logging Truck	6	13	1	0	0	0	0	0	0	0	5	14	39	0.60
Total	452	430	581	496	392	418	716	683	422	558	693	608	6,449	100.00
Unit Type	2012												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	22	16	8	10	21	7	12	12	14	6	16	5	149	1.95
Tandem	38	13	17	8	24	12	24	29	32	19	17	5	238	3.12
4-Axle	4	4	7	4	0	0	11	2	6	2	0	0	40	0.52
5 Axle	229	211	208	125	100	129	137	127	148	97	143	34	1,688	22.11
6 Axle	242	208	235	110	74	80	197	308	217	129	157	27	1,984	25.99
A Train	89	73	60	68	45	61	87	70	65	45	71	20	754	9.88
B Train	1	3	4	1	1	1	1	4	1	0	0	0	17	0.22
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Super B	388	452	367	186	47	75	213	156	270	157	330	69	2,710	35.49
Logging Truck	20	23	12	0	0	0	0	0	0	0	0	0	55	0.72
Total	1033	1003	918	512	312	365	682	708	753	455	734	160	7,635	100.00
Unit Type	2011												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	33	16	20	17	7	21	25	22	9	29	12	16	227	2.53
Tandem	65	41	83	39	20	48	41	36	47	25	22	20	487	5.43
4-Axle	6	6	9	5	4	0	5	4	6	0	2	2	49	0.55
5 Axle	157	122	337	154	126	166	180	135	128	121	114	134	1,874	20.90
6 Axle	240	199	432	202	147	180	160	137	146	113	87	76	2,119	23.63
A Train	82	49	83	55	51	99	111	74	62	81	81	88	916	10.22
B Train	3	0	5	1	1	2	1	2	2	1	0	0	18	0.20
C Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Super B	668	384	543	148	60	99	229	205	292	259	143	193	3,223	35.94
Logging Truck	30	15	8	1	0	0	0	0	0	0	0	0	54	0.60
Total	1284	832	1520	622	416	615	752	615	692	629	461	529	8,967	100.00
Unit Type	2010												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	26	21	25	12	31	8	23	8	11	6	9	24	204	2.95
Tandem	30	49	35	25	59	22	21	33	31	12	25	16	358	5.18
4-Axle	2	1	5	3	2	3	2	2	3	2	0	0	25	0.36
5 Axle	166	165	236	105	192	64	59	139	118	63	87	81	1,475	21.34
6 Axle	141	250	336	91	153	70	63	143	99	48	103	120	1,617	23.40
A Train	71	63	102	68	114	39	29	76	39	43	46	48	738	10.68
B Train	23	28	1	2	0	3	0	0	0	1	1	6	64	0.93
C Train	0	0	0	0	0	0	0	0	0	0	1	0	1	0.01
Super B	234	456	378	100	148	69	99	240	159	132	194	216	2,425	35.09
Logging Truck	1	3	0	0	0	0	0	0	0	0	0	0	4	0.06
Total	694	1036	1118	406	699	278	296	641	460	307	465	511	6,911	100.00
Unit Type	2009												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	34	35	30	29	38	28	33	10	14	18	17	16	302	2.78
Tandem	53	40	58	67	41	64	82	35	78	72	44	51	685	6.31
4-Axle	2	3	7	7	3	5	6	0	1	1	1	0	36	0.33
5 Axle	179	225	362	193	183	228	251	66	144	135	168	174	2,308	21.25
6 Axle	212	280	508	198	175	161	247	106	261	165	140	134	2,587	23.82
A Train	97	84	140	92	96	125	121	52	111	80	81	82	1,161	10.69
B Train	28	28	6	0	0	4	3	1	0	0	8	17	95	0.87
C Train	0	1	1	0	0	0	0	0	1	0	0	0	3	0.03
Super B	443	482	644	387	123	235	196	131	265	187	324	232	3,649	33.60
Logging Truck	5	9	1	0	0	1	0	0	1	0	14	4	35	0.32
Total	1053	1187	1757	973	659	851	939	401	876	658	797	710	10,861	100.00
Unit Type	2008												12 Month	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% of Total
Single Axle	42	38	31	26	46	72	44	34	34	29	32	18	446	2.37
Tandem	75	80	80	55	81	61	72	74	83	75	62	70	868	4.61
4-Axle	7	16	31	6	9	7	11	4	1	1	1	0	94	0.50
5 Axle	326	439	561	218	252	298	305	194	352	384	199	176	3,704	19.68
6 Axle	446	854	950	269	255	341	316	288	375	347	232	207	4,880	25.93
A Train	189	171	142	114	196	160	151	148	147	154	118	105	1,795	9.54
B Train	51	59	13	1	3	2	8	5	0	1	0	15	158	0.84
C Train	0	0	0	0	1	0	0	0	0	0	0	0	1	0.01
Super B	1,033	1,068	739	250	259	604	562	334	399	426	657	506	6,837	36.33
Logging Truck	18	14	4	0	0	0	0	0	0	0	0	1	37	0.20
Total	2187	2739	2551	939	1102	1545	1469	1081	1391	1417	1301	1098	18,820	100.00

Figure 13
Commercial Vehicles Weighed
at the Enterprise Weigh Scale



Total Vehicles Weighed

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2013	452	430	581	496	392	418	716	683	422	558	693	608	6,449
2012	1,033	1,003	918	512	312	365	682	708	753	455	734	160	7,635
2011	1,284	832	1,520	622	416	615	752	615	692	629	461	529	8,967
2010	694	1,036	1,118	406	699	278	296	641	460	307	465	511	6,911
2009	1,053	1,187	1,757	973	659	851	939	401	876	658	797	710	10,861
2008	2,187	2,739	2,551	939	1,102	1,545	1,469	1,081	1,391	1,417	1,301	1,098	18,820
2007	2,405	3,916	3,992	866	888	1,129	1,006	1,069	1,752	1,578	1,548	1,311	21,460
2006	1,874	3,190	3,942	805	696	1,049	701	892	1,286	1,209	1,143	1,020	17,807
2005	1,816	3,378	4,187	907	667	987	1,387	1,000	1,080	1,024	1,363	1,120	18,916
2004	1,551	2,866	3,858	596	582	1,225	844	1,046	1,358	1,102	870	838	16,736
2003	1,229	2,788	3,883	675	739	693	1,169	729	953	1,143	976	925	15,902
2002	1,443	2,906	3,349	888	333	1,111	977	845	1,042	1,123	1,127	801	15,945
2001	1,881	2,230	3,410	1,257	566	874	730	767	842	839	938	240	14,574

Figure 14
Overweight Permits Issued

2013													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	6	12	41	11	2	3	1	7	4	6	2	3	98
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	78	100	127	27	6	4	18	36	17	28	20	3	464
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	48	14	10	7	0	0	1	12	4	0	1	0	97
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	132	126	178	45	8	7	20	55	25	34	23	6	659
2012													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	1	2	4	4	2	1	14
Inuvik Weigh Scale	0	0	0	0	0	0	0	1	0	0	0	0	1
24/7 Permitting Centre	74	89	167	5	3	5	49	51	52	62	20	26	603
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	1	5	3	4	2	14	29
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	74	89	167	5	3	5	51	59	59	70	24	41	647
2011													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	4	2	0	0	0	0	0	0	4	0	0	0	10
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	101	146	246	77	10	35	93	74	134	66	46	56	1,084
Inuvik Regional Office	0	0	11	2	6	0	0	2	0	0	0	0	21
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	105	148	257	79	16	35	93	76	138	66	46	56	1,115
2010													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	8	1	0	3	0	6	0	0	0	0	18
Inuvik Weigh Scale	0	0	0	4	6	0	0	0	0	0	0	0	10
24/7 Permitting Centre	41	67	140	16	2	112	172	149	137	116	115	66	1,133
Inuvik Regional Office	0	0	0	4	4	0	0	0	0	0	0	0	8
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	41	67	148	25	12	115	172	155	137	116	115	66	1,169
2009													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	27	37	149	38	8	0	9	11	2	6	0	0	287
Inuvik Weigh Scale	6	7	17	9	1	0	0	0	0	0	0	0	40
24/7 Permitting Centre	0	11	0	36	47	33	87	54	97	58	183	164	770
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	8	7	0	0	0	0	0	0	0	0	0	0	15
Hay River Regional Office	6	0	0	0	0	0	0	0	0	0	0	0	6
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	47	62	166	83	56	33	96	65	99	64	183	164	1,118
2008													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	61	141	201	54	16	46	121	85	89	99	75	40	1,028
Inuvik Weigh Scale	4	10	12	11	10	6	4	6	31	0	0	0	94
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	4	0	0	4
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	65	151	213	65	26	52	125	91	120	103	75	40	1,126

NOTE: Overweight and Overdimension permits are issued for a single trip. Prior to 2003, combination overweight and overdimension permits were counted as one overdimension permit only.

Figure 15
Overdimension Permits Issued

2013													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	11	14	72	24	15	18	10	21	22	34	6	9	256
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	274	266	390	148	139	122	183	253	145	161	95	55	2,231
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	47	22	16	7	0	2	10	29	8	2	3	1	147
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	332	302	478	179	154	142	203	303	175	197	104	65	2,634
2012													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	5	5	9	4	7	2	32
Inuvik Weigh Scale	0	0	0	0	0	0	0	1	0	0	0	0	1
24/7 Permitting Centre	1,066	1,175	696	119	189	149	229	180	158	176	105	84	4,326
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	2	8	7	13	10	17	57
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,066	1,175	696	119	189	149	236	194	174	193	122	103	4,416
2011													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	4	4	0	0	0	0	0	0	6	0	0	0	14
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	230	450	659	214	154	164	204	205	241	192	183	195	3,091
Inuvik Regional Office	0	0	10	3	6	0	0	2	0	0	0	0	21
Mobile Inspection Office	1	0	0	0	0	0	0	0	0	0	0	0	1
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	235	454	669	217	160	164	204	207	247	192	183	195	3,127
2010													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	1	2	13	3	2	7	0	6	0	0	0	0	34
Inuvik Weigh Scale	0	0	0	4	12	0	0	0	0	0	0	0	16
24/7 Permitting Centre	132	293	433	137	125	329	310	283	297	255	226	188	3,008
Inuvik Regional Office	0	1	0	4	2	0	0	0	0	0	0	0	7
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	133	296	446	148	141	336	310	289	297	255	226	188	3,065
2009													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	126	267	476	79	12	1	16	21	6	7	0	0	1,011
Inuvik Weigh Scale	8	22	53	9	0	0	0	0	0	0	0	0	92
24/7 Permitting Centre	0	65	7	112	161	227	216	165	245	198	409	164	1,969
Inuvik Regional Office	1	2	0	0	0	0	0	0	0	0	0	0	3
Mobile Inspection Office	33	32	0	0	0	0	0	0	0	0	0	0	65
Hay River Regional Office	19	5	0	0	0	0	0	0	0	0	0	0	24
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	187	393	536	200	173	228	232	186	251	205	409	164	3,164
2008													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	195	501	722	276	181	223	320	190	173	226	164	122	3,293
Inuvik Weigh Scale	8	35	47	21	16	9	10	7	39	4	0	0	196
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	4	0	0	4
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	203	536	769	297	197	232	330	197	212	234	164	122	3,493

NOTE: Overweight and Overdimension permits are issued for a single trip. Prior to 2003, combination overweight and overdimension permits were counted as one overdimension permit only.

Figure 16
Registration Permits Issued (non-NWT Carriers)

2013													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	882	905	765	459	327	439	524	693	590	523	408	367	6,882
Inuvik Regional Office	0	0	2	1	0	0	0	0	1	0	0	0	4
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	882	905	767	460	327	439	524	693	591	523	408	367	6,886
2012													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	684	791	734	241	243	360	465	392	627	399	380	342	5,658
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	684	791	734	241	243	360	465	392	627	399	380	342	5,658
2011													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Weigh Scale	2	0	1	4	1	1	1	1	0	0	0	3	14
24/7 Permitting Centre	703	714	550	290	302	479	489	538	557	324	317	301	5,564
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	705	714	551	294	303	480	490	539	557	324	317	304	5,578
2010													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	2	0	0	0	0	0	0	0	2
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	1
24/7 Permitting Centre	269	641	477	269	377	627	505	512	506	437	344	343	5,307
Inuvik Regional Office	0	0	0	2	0	3	1	2	1	0	4	3	16
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	269	641	477	271	379	630	506	514	507	437	348	347	5,326
2009													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	303	351	488	53	0	0	0	1	0	0	0	0	1,196
Inuvik Weigh Scale	17	33	40	5	0	0	0	0	0	0	0	0	95
24/7 Permitting Centre	27	215	6	192	270	431	357	415	520	361	291	297	3,382
Inuvik Regional Office	0	0	1	0	0	1	0	0	0	0	0	1	3
Mobile Inspection Office	16	77	0	0	0	0	0	0	0	0	0	0	93
Hay River Regional Office	16	0	0	0	0	0	0	0	0	0	0	0	16
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	379	676	535	250	270	432	357	416	520	361	291	298	4,785
2008													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	682	1,056	754	354	415	482	500	355	511	377	334	369	6,189
Inuvik Weigh Scale	43	48	120	52	6	42	21	41	54	12	2	25	466
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Regional Office	0	0	0	0	0	0	1	0	0	0	0	0	1
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	725	1,104	874	406	421	524	522	396	565	389	336	394	6,656

NOTE: All commercial vehicles in the Northwest Territories must have a registration permit. Registration for NWT carriers is valid for one year. Non-NWT carriers may purchase registration for periods of 1-12 months

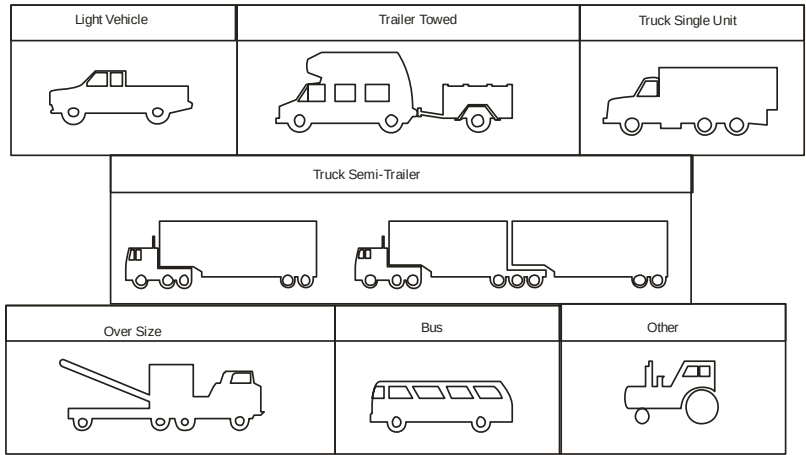
Figure 17
Fuel Tax Permits Issued

2013													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	8	7	13	2	5	12	1	10	4	15	3	7	87
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	1,061	952	1,091	488	456	596	656	853	688	704	481	415	8,441
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	24	8	7	3	0	0	1	19	7	1	3	1	74
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,093	967	1,111	493	461	608	658	882	699	720	487	423	8,602
2012													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	1	3	4	1	3	1	13
Inuvik Weigh Scale	0	0	0	0	0	0	0	1	0	0	0	0	1
24/7 Permitting Centre	969	1,076	1,316	347	383	501	706	689	772	601	535	433	8,328
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	4	7	7	7	1	19
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	969	1,076	1,316	347	383	501	707	693	780	609	545	435	8,361
2011													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
24/7 Permitting Centre	702	779	1,007	410	405	585	605	730	866	467	386	388	7,330
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	702	779	1,007	410	405	585	605	730	866	467	386	388	7,330
2010													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	0	0	0	0	3	0	0	0	0	4	0	0	7
Inuvik Weigh Scale	0	1	0	0	0	0	0	0	0	0	0	0	1
24/7 Permitting Centre	278	618	670	293	508	733	619	598	565	526	387	334	6,129
Inuvik Regional Office	0	1	0	0	0	0	0	0	0	0	0	0	1
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	278	620	670	293	511	733	619	598	565	530	387	334	6,138
2009													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	167	210	443	32	0	3	2	1	0	0	0	0	858
Inuvik Weigh Scale	13	69	74	29	0	0	0	0	1	0	0	0	186
24/7 Permitting Centre	1	125	5	205	229	520	467	529	597	406	379	274	3,737
Inuvik Regional Office	4	1	0	0	0	0	0	0	0	0	0	0	5
Mobile Inspection Office	30	41	0	0	0	0	0	0	0	0	0	0	71
Hay River Regional Office	14	5	0	0	0	0	0	0	0	0	0	0	19
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	229	451	522	266	229	523	469	530	598	406	379	274	4,876
2008													
Location	January	February	March	April	May	June	July	August	September	October	November	December	Total
Enterprise Weigh Scale	700	1,104	1,010	384	430	588	501	327	392	280	187	152	6,055
Inuvik Weigh Scale	45	49	151	62	5	36	15	47	48	6	1	13	478
24/7 Permitting Centre	0	0	0	0	0	0	0	0	0	0	0	0	0
Inuvik Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Inspection Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay River Regional Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Liard Weigh Scale	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	745	1,153	1,161	446	435	624	516	374	440	286	188	165	6,533

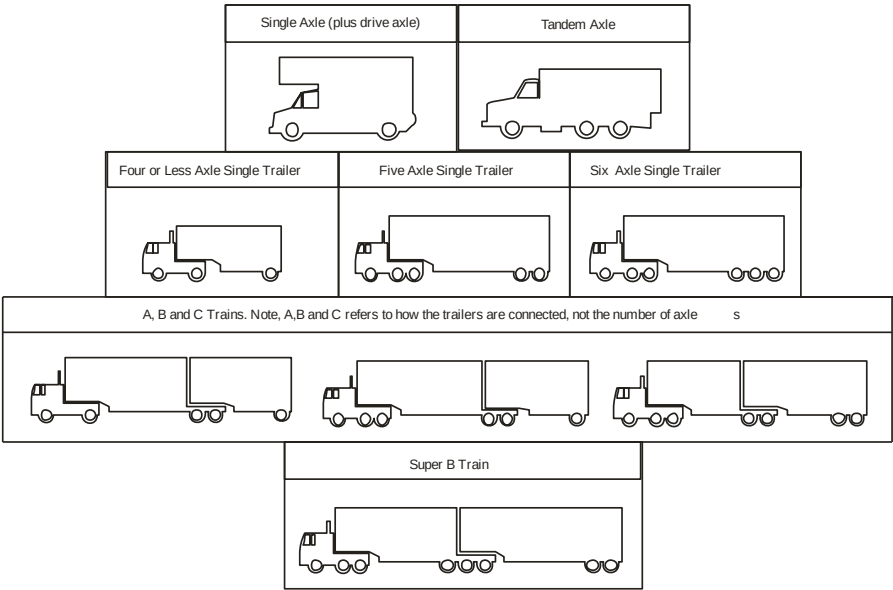
NOTE: Fuel Tax Permits are issued to all carriers transporting bulk fuel purchased outside the Northwest Territories

Figure 18
Vehicle Classifications

Highway Ferries



Weigh Scale Classification



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

Appendix A

Historical Data

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

- **Short-term Visual Counts** – Vehicles are classified and counted manually at various highway junctions throughout the territory. The data is used to enhance vehicle classification and AADT calculations.
- **Short-term Intersection Volume Counts** – Vehicles are counted by direction and turning movement, which gives an indication of overall traffic flow at selected intersections on the highway system.
- **Historical AADT** – Average daily traffic, broken down by month and year, is also available from 1989 through to 1992. AADT from 2000 through to the present is located in Table 3.

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

Appendix B

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 batteries and 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 Tibbitt to Contwoyto Winter Road Joint Venture season summary statistics, upstream and downstream counter sites and previous experience.
- If results of the AADT algorithms appear to be abnormally high or low 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, Policy and Communications Division of the Department of Transportation as listed in the Acknowledgements section of this report.