

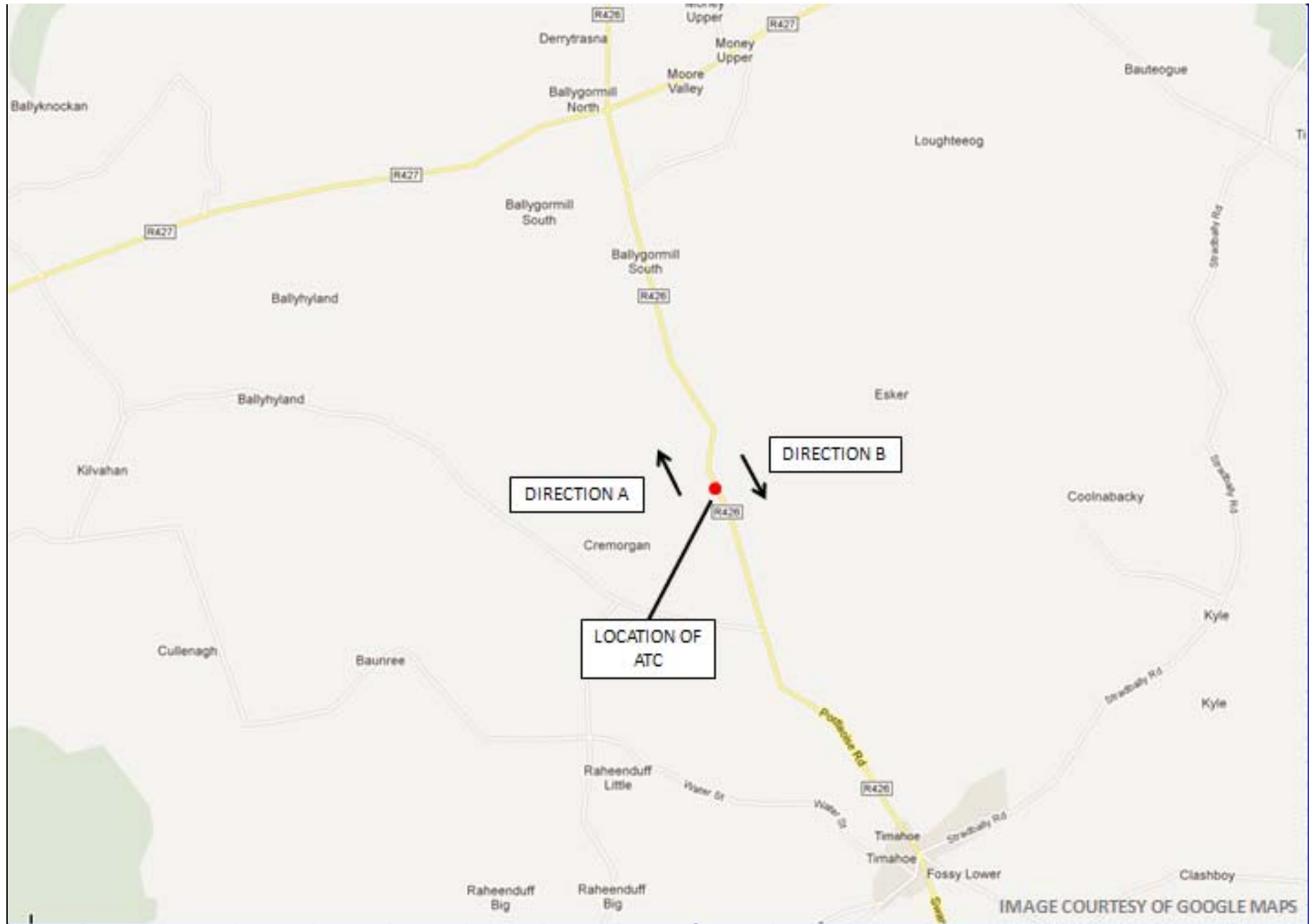
## **Appendix 11.1    AECOM Transportation: Traffic Count Data**

# **AECOM Transportation**

## **Traffic Count Data**

### **Coolnabacky Site (R426)**

# Site Location: Coolnabacky



## **Count Summary**



**Direction B**

		Mon 25th June																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	-	-	-	-	-	-	-	-	-	-	-	-	-	20	38	44	70	72	68	69	36	35	17	14	834
	15	-	-	-	-	-	-	-	-	-	-	-	-	0	8	13	20	19	22	21	7	10	6	4		
	30	-	-	-	-	-	-	-	-	-	-	-	-	1	4	10	12	20	24	20	13	5	4	2		
	45	-	-	-	-	-	-	-	-	-	-	-	-	8	12	13	16	10	14	8	9	10	2	4		
	1 Hr	-	-	-	-	-	-	-	-	-	-	-	-	29	62	80	118	121	128	118	65	60	29	24		
		Tue 26th June																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	1	2	0	0	1	0	1	1	2	9	5	4	9	17	17	12	16	26	22	20	8	6	12	6	689
	15	2	0	0	0	0	1	1	2	5	5	8	11	7	8	10	12	22	21	8	10	12	2	2		
	30	2	1	1	0	0	0	2	10	4	7	8	12	9	9	10	13	27	15	8	16	6	5	1		
	45	2	1	0	0	1	0	4	14	11	5	7	10	19	21	10	13	15	15	6	5	3	2	2		
	1 Hr	7	4	1	0	2	0	2	9	31	29	25	30	38	53	57	44	54	90	73	42	39	27	21	11	
		Wed 27th June																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	4	2	0	0	0	0	1	1	1	8	6	6	8	13	10	12	8	15	21	13	6	8	2	3	654
	15	3	1	0	0	0	0	1	1	12	8	7	8	8	13	9	12	19	31	12	9	5	3	3		
	30	0	2	0	2	0	1	3	5	8	13	5	7	9	14	17	10	26	18	10	7	1	3	2		
	45	1	1	0	0	0	0	2	18	7	6	18	8	6	4	8	23	27	13	10	2	2	3	2		
	1 Hr	8	6	0	2	0	1	4	9	39	36	24	39	33	37	41	46	53	87	83	45	24	16	11	10	
		Thur 28th June																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	4	1	1	0	0	1	0	0	1	10	4	4	12	5	4	6	9	15	17	13	15	6	2	5	642
	15	0	0	1	1	0	0	2	10	3	2	9	10	14	16	11	10	26	22	16	11	11	3	7		
	30	1	0	0	1	0	0	3	2	8	3	6	9	16	13	19	14	14	13	14	14	13	6	7	2	
	45	1	0	0	1	0	2	2	1	12	3	8	9	5	9	8	9	22	15	16	2	6	1	3		
	1 Hr	6	1	2	3	0	3	5	5	31	19	20	31	43	41	47	40	42	76	68	59	41	29	13	17	
		Fri 29th June																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	1	1	0	0	0	0	0	1	1	12	4	5	19	9	3	6	9	26	15	15	8	6	5	5	650
	15	0	4	1	2	0	0	0	1	10	5	8	7	9	5	10	9	12	14	19	12	12	7	5	1	
	30	1	1	0	0	0	0	3	1	7	8	2	10	10	17	9	14	28	18	12	5	9	3	4		
	45	2	2	1	0	0	1	0	2	10	6	10	10	10	5	15	22	13	24	14	1	10	6	3	3	
	1 Hr	4	8	2	2	0	1	3	5	28	31	24	32	48	36	37	51	48	92	66	40	35	28	16	13	
		Sat 30th June																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	3	0	0	2	1	0	0	0	2	3	6	8	11	8	9	15	7	9	16	5	9	56	7	4	665
	15	0	1	0	2	0	0	1	1	2	2	6	5	17	18	15	14	13	14	12	8	4	20	6	2	
	30	4	0	1	1	0	1	0	4	5	5	12	12	13	15	11	8	10	10	9	11	11	1	2		
	45	0	0	0	0	1	0	2	1	4	8	5	6	17	14	13	12	11	11	12	7	39	6	2	3	
	1 Hr	7	1	1	5	2	1	4	2	12	18	22	31	57	53	52	52	39	44	50	29	63	93	16	11	
		Sun 1st July																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	1	0	1	4	0	0	0	0	2	6	5	2	6	9	7	16	8	12	11	9	5	5	3	3	442
	15	3	2	0	3	0	1	0	0	2	8	6	8	9	16	4	12	10	15	10	5	6	6	3	3	
	30	2	3	1	2	1	0	1	2	1	3	5	7	5	6	8	7	10	8	13	5	2	1	1		
	45	1	2	2	3	1	0	0	1	1	3	5	8	9	13	10	8	10	6	7	5	2	2	0		
	1 Hr	7	7	4	12	2	1	1	2	4	12	21	20	27	32	42	38	35	42	40	39	20	15	12	7	
		Mon 2nd July																						Daily Total		
		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM		10:00 PM	11:00 PM
Time Drop	0	1	0	0	0	0	0	0	1	3	5	5	6	9	12	11	7	11	16	-	-	-	-	-	-	362
	15	2	1	0	3	0	0	0	1	4	5	4	8	10	9	5	10	9	18	-	-	-	-	-	-	
	30	2	0	0	0	0	0	3	5	3	2	3	9	7	6	12	6	24	22	-	-	-	-	-	-	
	45	0	0	1	0	1	0	2	0	7	8	5	7	9	7	7	5	20	3	-	-	-	-	-	-	
	1 Hr	5	1	1	3	1	0	5	7	17	20	17	30	35	34	35	28	64	59	-	-	-	-	-	-	



## **Speed Summary**



<b>Direction A Speed Stats</b>			
<i>Speed Range (kph)</i>	<i>No. Within</i>	<i>No. Below</i>	<i>No. Above</i>
0 - 10	0	0	4796
10 - 20	56	56	4740
20 - 30	79	135	4661
30 - 40	43	178	4618
40 - 50	71	249	4547
50 - 60	204	453	4343
60 - 70	732	1185	3611
70 - 80	1549	2734	2062
80 - 90	1378	4112	684
90 - 100	539	4651	145
100 - 110	125	4776	20
110 - 120	17	4793	3
120 - 130	1	4794	2
130 - 140	0	4794	2
140 - 150	1	4795	1
150 - 160	1	4796	0
160 - 170	0	4796	0
170 - 180	0	4796	0
180 - 190	0	4796	0
190 - 200	0	4796	0

<b>Direction B Speed Stats</b>			
<i>Speed Range (kph)</i>	<i>No. Within</i>	<i>No. Below</i>	<i>No. Above</i>
0 - 10	0	0	4587
10 - 20	25	25	4562
20 - 30	117	142	4445
30 - 40	74	216	4371
40 - 50	135	351	4236
50 - 60	462	813	3774
60 - 70	1413	2226	2361
70 - 80	1496	3722	865
80 - 90	677	4399	188
90 - 100	156	4555	32
100 - 110	27	4582	5
110 - 120	5	4587	0
120 - 130	0	4587	0
130 - 140	0	4587	0
140 - 150	0	4587	0
150 - 160	0	4587	0
160 - 170	0	4587	0
170 - 180	0	4587	0
180 - 190	0	4587	0
190 - 200	0	4587	0

<b>Total Speed Stats</b>								
<i>Speed Range (kph)</i>	<i>No. Within</i>	<i>No. Below</i>	<i>No. Above</i>		<i>Maximum Speed (kph)</i>	<i>Minimum Speed (kph)</i>	<i>Mean Speed (kph)</i>	<i>Median Speed (kph)</i>
0 - 10	0	0	9383		153	11	73	74
10 - 20	81	81	9302		85th %ile Speed (kph)	95th %ile Speed (kph)		
20 - 30	196	277	9106		86	94		
30 - 40	117	394	8989					
40 - 50	206	600	8783					
50 - 60	666	1266	8117					
60 - 70	2145	3411	5972					
70 - 80	3045	6456	2927					
80 - 90	2055	8511	872					
90 - 100	695	9206	177					
100 - 110	152	9358	25					
110 - 120	22	9380	3					
120 - 130	1	9381	2					
130 - 140	0	9381	2					
140 - 150	1	9382	1					
150 - 160	1	9383	0					
160 - 170	0	9383	0					
170 - 180	0	9383	0					
180 - 190	0	9383	0					
190 - 200	0	9383	0					

## **Vehicle Classification Summary**

	Direction A Vehicle Classification			
	Car / Van*	%	HGV / Bus**	%
<b>Mon 25th June</b>	343	95%	17	5%
<b>Tue 26th June</b>	705	96%	31	4%
<b>Wed 27th June</b>	643	96%	30	4%
<b>Thur 28th June</b>	664	97%	22	3%
<b>Fri 29th June</b>	685	98%	17	2%
<b>Sat 30th June</b>	674	97%	21	3%
<b>Sun 1st July</b>	436	98%	11	2%
<b>Mon 2nd July</b>	476	96%	19	4%

	Direction B Vehicle Classification			
	Car / Van*	%	HGV / Bus**	%
	463	96%	20	4%
	657	95%	32	5%
	631	96%	23	4%
	619	96%	23	4%
	632	97%	18	3%
	646	97%	19	3%
	437	99%	5	1%
	347	96%	15	4%

\* Vehicles with 2 axles assumed to be cars and vans

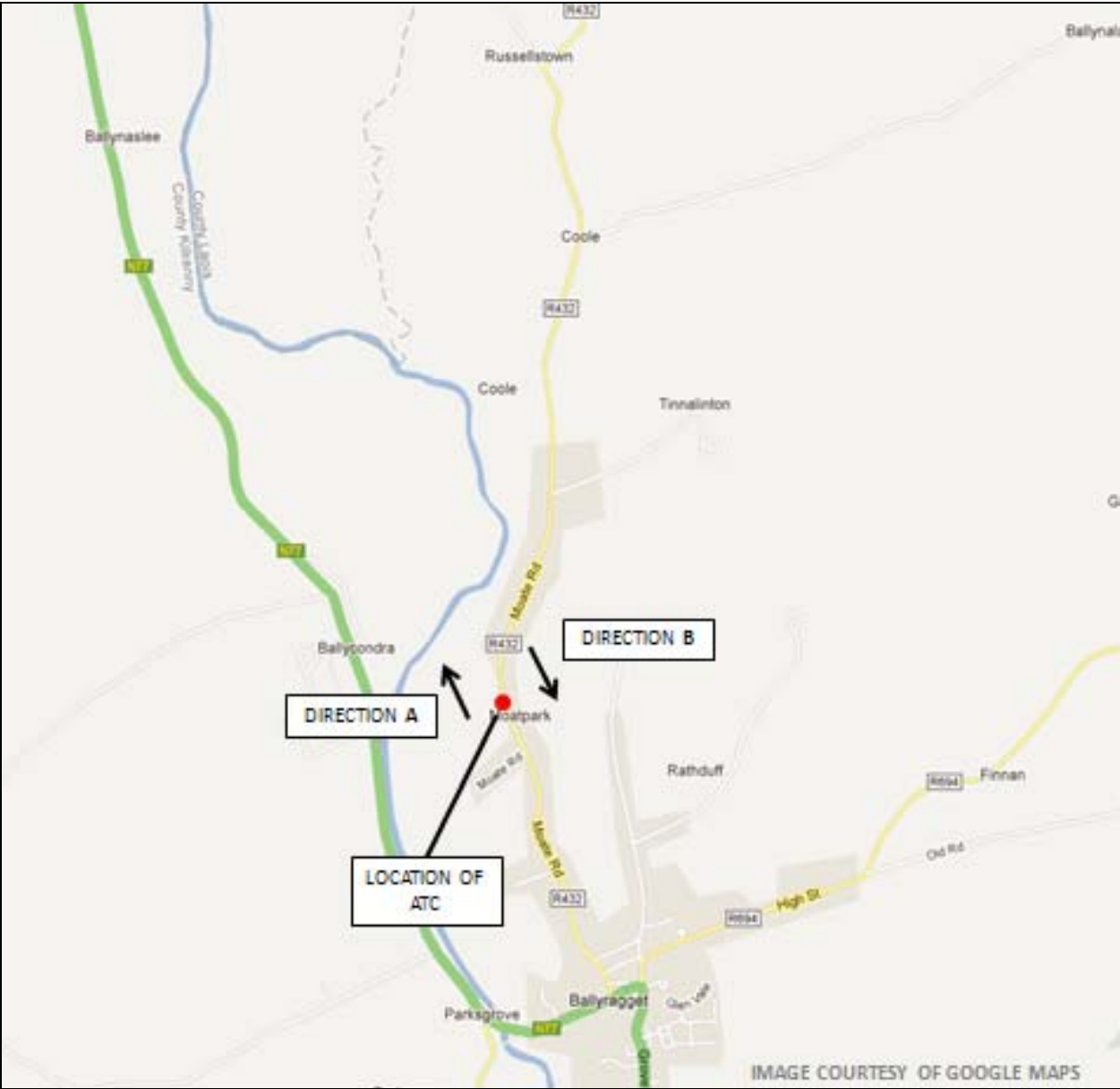
\*\* Vehicles with 3 axles and above treated as HGV's and Buses

# **AECOM Transportation**

**Traffic Count Data**

**Ballyragget Site (R432)**

# Site Location: Ballyragget



## **Count Summary**



## **Speed Summary**



Direction A Speed Stats			
Speed Range (kph)	No. Within	No. Below	No. Above
0 - 10	0	0	1414
10 - 20	89	89	1325
20 - 30	92	181	1233
30 - 40	103	284	1130
40 - 50	119	403	1011
50 - 60	227	630	784
60 - 70	323	953	461
70 - 80	278	1231	183
80 - 90	132	1363	51
90 - 100	40	1403	11
100 - 110	10	1413	1
110 - 120	1	1414	0
120 - 130	0	1414	0
130 - 140	0	1414	0
140 - 150	0	1414	0
150 - 160	0	1414	0
160 - 170	0	1414	0
170 - 180	0	1414	0
180 - 190	0	1414	0
190 - 200	0	1414	0

Direction B Speed Stats			
Speed Range (kph)	No. Within	No. Below	No. Above
0 - 10	0	0	1452
10 - 20	68	68	1384
20 - 30	133	201	1251
30 - 40	173	374	1078
40 - 50	157	531	921
50 - 60	220	751	701
60 - 70	326	1077	375
70 - 80	241	1318	134
80 - 90	106	1424	28
90 - 100	26	1450	2
100 - 110	2	1452	0
110 - 120	0	1452	0
120 - 130	0	1452	0
130 - 140	0	1452	0
140 - 150	0	1452	0
150 - 160	0	1452	0
160 - 170	0	1452	0
170 - 180	0	1452	0
180 - 190	0	1452	0
190 - 200	0	1452	0

Total Speed Stats								
Speed Range (kph)	No. Within	No. Below	No. Above		Maximum Speed (kph)	Minimum Speed (kph)	Mean Speed (kph)	Median Speed (kph)
0 - 10	0	0	2866		114.40	10.10	57.10	60.50
10 - 20	157	157	2709		85th %ile Speed (kph)	95th %ile Speed (kph)		
20 - 30	225	382	2484		76.70	86.40		
30 - 40	276	658	2208					
40 - 50	276	934	1932					
50 - 60	447	1381	1485					
60 - 70	649	2030	836					
70 - 80	519	2549	317					
80 - 90	238	2787	79					
90 - 100	66	2853	13					
100 - 110	12	2865	1					
110 - 120	1	2866	0					
120 - 130	0	2866	0					
130 - 140	0	2866	0					
140 - 150	0	2866	0					
150 - 160	0	2866	0					
160 - 170	0	2866	0					
170 - 180	0	2866	0					
180 - 190	0	2866	0					
190 - 200	0	2866	0					

## **Vehicle Classification Summary**

	Direction A Vehicle Classification			
	Car / Van*	%	HGV / Bus**	%
<b>Mon 25th June</b>	374.00	95%	19.00	5%
<b>Tue 26th June</b>	464.00	97%	15.00	3%
<b>Wed 27th June</b>	492.00	95%	26.00	5%

	Direction B Vehicle Classification			
	Car / Van*	%	HGV / Bus**	%
	407.00	97%	14.00	3%
	477.00	96%	19.00	4%
	474.00	97%	15.00	3%

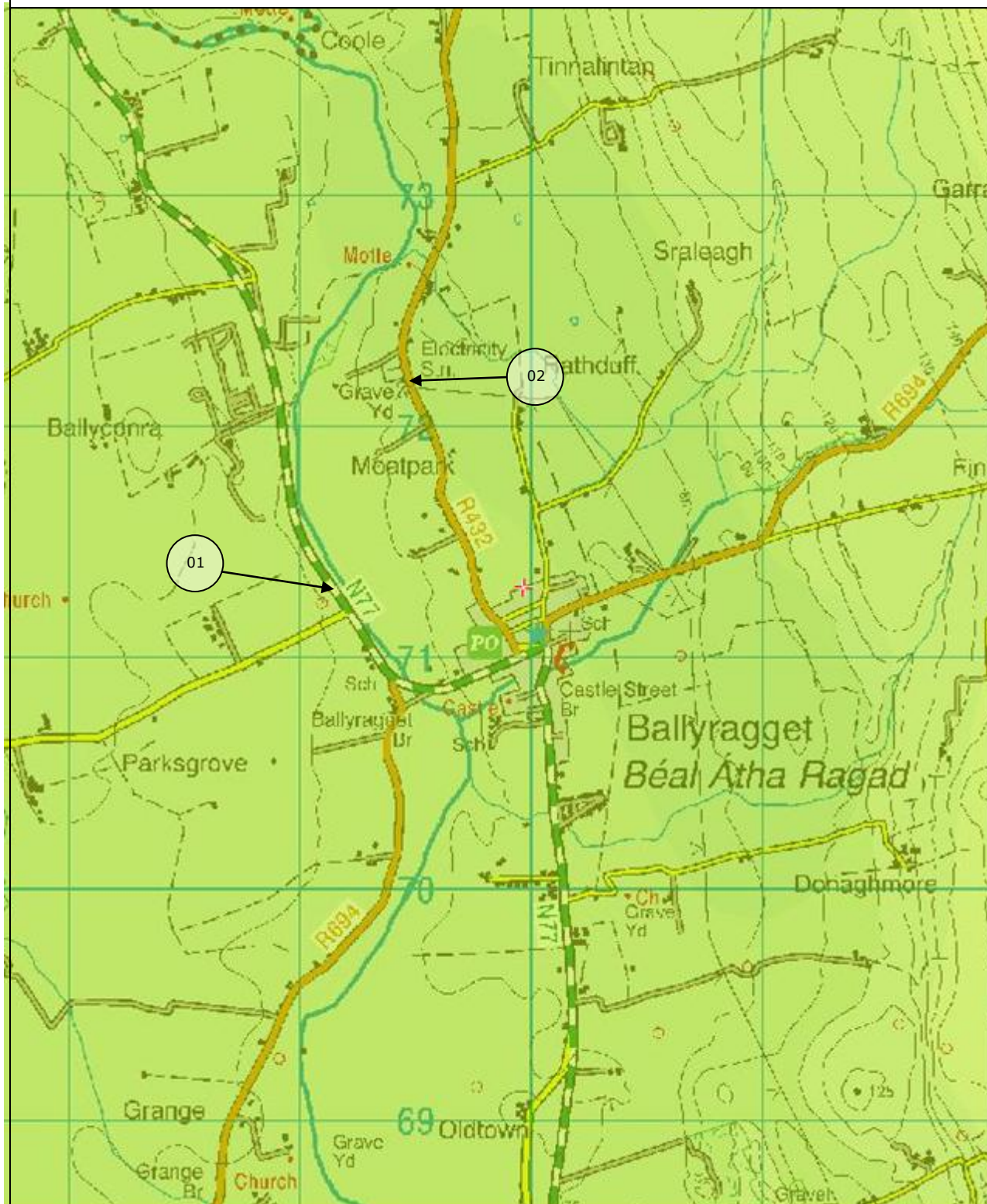
\* Vehicles with 2 axles assumed to be cars and vans



\*\* Vehicles with 3 axles and above treated as HGV's and Buses

**Traffic Count Data April 2013**

**ABACUS Transportation Surveys**

# Site Locations



	Job number: ATH/13/027	Job date: Thursday 11 <sup>th</sup> to Wednesday 17 <sup>th</sup> April 2013	Drawing No: ATH/13/027-1	 Transportation Surveys
	Client: Aecom		Author: SPW	

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Summary

Week Comm:

11 April 2013  
Ath/12/027

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
01	N77 Durrow Road	Northbound	11/04/2013	17/04/2013	17668	2386	2524	95.4	161.5	8.2	82.8
01		Southbound	11/04/2013	17/04/2013	18111	2455	2587	100.1	182.4	8.6	87.9

**Volumetric Counts:**

Direction	Time	11 April 2013	12 April 2013	13 April 2013	14 April 2013	15 April 2013	16 April 2013	17 April 2013
Northbound	07-19	2225	2466	1631	1624	2086	2105	2211
Southbound	07-19	2299	2486	1710	1523	2192	2112	2317
Northbound	06-22	2577	2878	1909	2003	2398	2441	2532
Southbound	06-22	2691	2890	2027	1969	2520	2452	2626
Northbound	06-00	2652	2962	1983	2068	2453	2501	2579
Southbound	06-00	2755	2974	2110	2080	2561	2512	2704
Northbound	00-00	2721	3018	2064	2149	2522	2561	2633
Southbound	00-00	2811	3023	2181	2154	2618	2570	2754

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**11 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	12	0	8	1	0	1	1	0	0	0	0	1	0	0
0100	4	0	3	0	0	0	0	0	0	0	0	0	0	1
0200	3	0	2	0	0	0	0	0	0	0	0	1	0	0
0300	5	0	2	1	0	0	0	0	0	0	0	2	0	0
0400	7	0	6	0	0	0	0	0	0	0	1	0	0	0
0500	38	0	26	4	0	0	2	0	1	1	2	0	0	2
0600	71	1	53	3	0	0	2	0	2	0	3	1	0	6
0700	224	3	184	14	2	0	8	1	5	1	2	2	0	2
0800	292	0	254	20	1	0	7	0	3	0	0	5	0	2
0900	177	0	139	10	2	0	3	1	2	2	5	6	0	7
1000	142	1	106	14	1	0	0	0	4	1	3	10	0	2
1100	155	0	113	9	1	2	6	0	4	1	5	9	0	5
1200	134	0	99	13	2	1	0	1	3	1	4	4	0	6
1300	168	0	141	11	0	0	3	0	0	0	5	4	0	4
1400	147	0	123	6	1	1	1	0	4	0	4	3	0	4
1500	168	1	128	13	2	1	4	1	0	2	8	6	0	2
1600	195	0	160	10	2	2	1	0	3	1	6	5	0	5
1700	213	0	182	16	1	1	3	0	3	0	1	4	0	2
1800	210	0	193	9	1	0	1	0	0	0	5	1	0	0
1900	113	0	95	6	0	1	4	0	2	0	1	0	0	4
2000	81	0	70	5	1	1	1	0	0	0	1	0	0	2
2100	87	0	76	4	0	1	0	0	2	0	2	1	0	1
2200	55	0	44	4	0	0	2	0	0	1	0	2	0	2
2300	20	0	16	2	0	0	0	0	0	0	1	0	0	1
07-19	2225	5	1822	145	16	8	37	4	31	9	48	59	0	41
06-22	2577	6	2116	163	17	11	44	4	37	9	55	61	0	54
06-00	2652	6	2176	169	17	11	46	4	37	10	56	63	0	57
00-00	2721	6	2223	175	17	12	49	4	38	11	59	67	0	60

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**12 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	12	0	9	0	1	1	0	0	1	0	0	0	0	0
0100	6	0	6	0	0	0	0	0	0	0	0	0	0	0
0200	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0300	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0400	10	0	8	0	0	0	0	0	1	0	0	1	0	0
0500	24	0	19	2	1	0	0	0	1	0	1	0	0	0
0600	83	0	60	11	0	0	0	0	1	0	5	3	0	3
0700	238	3	190	21	0	1	6	0	1	3	5	7	0	1
0800	242	1	210	16	0	2	2	0	2	0	2	7	0	0
0900	187	0	132	21	0	0	5	0	3	0	10	9	0	7
1000	146	0	103	11	0	1	1	1	5	0	8	8	0	8
1100	150	0	118	12	0	1	1	0	3	0	10	4	0	1
1200	173	1	128	15	0	0	1	0	4	0	10	8	0	6
1300	193	1	156	12	0	1	2	0	3	0	5	5	0	8
1400	188	1	148	16	1	3	3	2	3	0	3	6	0	2
1500	188	0	143	15	0	0	1	1	5	0	11	7	0	5
1600	262	0	216	12	1	4	2	0	3	0	5	9	0	10
1700	298	0	267	15	0	1	1	0	3	1	4	5	0	1
1800	201	0	179	8	2	1	0	0	3	1	2	3	0	2
1900	144	1	127	6	0	1	0	0	1	0	3	2	0	3
2000	104	0	88	7	1	0	1	0	1	1	4	1	0	0
2100	81	0	67	5	0	0	1	0	1	0	2	3	0	2
2200	60	0	51	1	0	0	1	1	0	0	0	4	0	2
2300	24	0	20	1	0	0	0	0	0	0	1	1	0	1
07-19	2466	7	1990	174	4	15	25	4	38	5	75	78	0	51
06-22	2878	8	2332	203	5	16	27	4	42	6	89	87	0	59
06-00	2962	8	2403	205	5	16	28	5	42	6	90	92	0	62
00-00	3018	8	2449	207	7	17	28	5	45	6	91	93	0	62



**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**13 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	17	0	14	0	0	0	0	0	1	0	1	1	0	0
0100	13	0	8	4	0	1	0	0	0	0	0	0	0	0
0200	6	0	6	0	0	0	0	0	0	0	0	0	0	0
0300	6	0	4	1	0	0	0	0	0	0	1	0	0	0
0400	12	0	6	2	0	0	0	0	3	0	0	0	0	1
0500	27	0	22	3	0	0	0	0	0	0	1	1	0	0
0600	44	0	25	9	0	0	1	0	2	0	2	3	0	2
0700	82	1	61	6	0	0	2	0	1	0	8	3	0	0
0800	97	0	78	3	1	2	2	0	3	0	3	3	0	2
0900	98	0	71	8	0	0	2	0	2	0	5	4	0	6
1000	129	2	103	4	1	0	1	1	2	0	8	0	0	7
1100	146	1	111	9	0	2	7	0	3	1	4	6	0	2
1200	158	3	135	12	0	0	4	0	2	0	2	0	0	0
1300	171	0	150	1	1	0	5	0	3	0	4	3	0	4
1400	161	1	148	3	0	0	2	0	1	1	1	2	0	2
1500	153	0	136	3	0	1	2	0	2	0	2	3	0	4
1600	123	0	106	9	0	0	2	0	0	0	3	1	0	2
1700	170	0	158	7	0	0	1	0	2	0	2	0	0	0
1800	143	0	134	4	0	1	2	0	1	0	0	1	0	0
1900	100	0	95	3	0	0	1	0	0	0	0	0	0	1
2000	77	0	73	0	0	0	3	0	1	0	0	0	0	0
2100	57	0	50	5	0	0	0	0	0	0	1	0	0	1
2200	46	0	39	0	0	0	3	0	0	0	2	1	0	1
2300	28	0	23	1	1	1	0	0	0	0	0	0	0	2
07-19	1631	8	1391	69	3	6	32	1	22	2	42	26	0	29
06-22	1909	8	1634	86	3	6	37	1	25	2	45	29	0	33
06-00	1983	8	1696	87	4	7	40	1	25	2	47	30	0	36
00-00	2064	8	1756	97	4	8	40	1	29	2	50	32	0	37

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**14 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	21	0	21	0	0	0	0	0	0	0	0	0	0	0
0100	11	0	10	1	0	0	0	0	0	0	0	0	0	0
0200	13	0	12	1	0	0	0	0	0	0	0	0	0	0
0300	17	0	17	0	0	0	0	0	0	0	0	0	0	0
0400	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0500	16	0	11	2	0	0	0	0	0	0	1	1	0	1
0600	25	0	17	2	0	0	1	0	0	1	2	2	0	0
0700	51	0	42	3	0	0	1	0	0	0	3	1	0	1
0800	46	1	42	0	0	0	0	0	0	0	1	2	0	0
0900	57	0	42	7	0	0	0	0	1	0	3	1	0	3
1000	118	0	104	4	1	0	2	0	1	1	2	0	0	3
1100	147	1	122	4	0	0	7	0	4	2	4	1	0	2
1200	168	0	152	6	1	0	2	0	0	0	2	3	0	2
1300	196	0	181	6	0	0	1	0	2	0	0	3	0	3
1400	197	1	183	7	0	1	0	0	1	0	3	0	0	1
1500	170	0	147	11	0	0	1	0	1	1	6	1	0	2
1600	153	1	135	5	0	0	3	0	2	1	2	1	0	3
1700	166	0	153	5	0	0	1	0	1	1	1	2	0	2
1800	155	0	146	7	0	0	2	0	0	0	0	0	0	0
1900	173	0	168	4	0	0	0	0	0	0	0	0	0	1
2000	108	0	96	9	0	0	1	0	0	0	1	0	0	1
2100	73	0	62	2	0	1	1	1	1	1	2	2	0	0
2200	44	0	40	1	0	0	1	0	0	0	0	0	0	2
2300	21	0	18	0	0	0	1	0	0	0	0	1	0	1
07-19	1624	4	1449	65	2	1	20	0	13	6	27	15	0	22
06-22	2003	4	1792	82	2	2	23	1	14	8	32	19	0	24
06-00	2068	4	1850	83	2	2	25	1	14	8	32	20	0	27
00-00	2149	4	1924	87	2	2	25	1	14	8	33	21	0	28

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**15 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	14	0	14	0	0	0	0	0	0	0	0	0	0	0
0100	9	0	9	0	0	0	0	0	0	0	0	0	0	0
0200	3	0	2	1	0	0	0	0	0	0	0	0	0	0
0300	4	0	3	0	0	0	0	0	0	0	0	1	0	0
0400	3	0	2	1	0	0	0	0	0	0	0	0	0	0
0500	36	0	23	5	0	0	2	0	3	0	0	0	0	3
0600	84	0	65	6	0	0	1	1	3	0	0	3	0	5
0700	223	0	188	13	0	2	5	0	4	0	4	3	0	4
0800	250	1	219	14	0	3	3	0	1	0	3	1	0	5
0900	174	0	142	9	0	2	2	0	2	1	7	5	0	4
1000	129	0	98	8	0	1	1	0	2	0	4	8	0	7
1100	130	2	96	11	1	3	1	0	5	0	6	4	0	1
1200	143	0	99	17	0	3	3	0	3	1	5	5	0	7
1300	148	3	113	10	0	0	1	1	3	0	4	6	0	7
1400	153	1	123	12	0	0	1	0	3	0	6	6	0	1
1500	168	0	132	14	0	1	3	0	1	1	6	4	0	6
1600	189	2	152	9	3	0	1	0	2	0	6	6	0	8
1700	220	0	190	12	1	2	1	0	1	0	4	5	0	4
1800	159	0	144	4	1	1	2	1	0	1	1	3	0	1
1900	98	0	85	3	0	0	4	0	1	1	3	1	0	0
2000	79	0	65	6	2	0	0	0	1	0	3	2	0	0
2100	51	0	38	4	0	0	3	0	0	0	1	1	0	4
2200	42	0	35	2	0	0	0	0	0	0	1	0	0	4
2300	13	0	11	1	0	0	0	0	0	0	0	1	0	0
07-19	2086	9	1696	133	6	18	24	2	27	4	56	56	0	55
06-22	2398	9	1949	152	8	18	32	3	32	5	63	63	0	64
06-00	2453	9	1995	155	8	18	32	3	32	5	64	64	0	68
00-00	2522	9	2048	162	8	18	34	3	35	5	64	65	0	71

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**16 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	7	0	5	0	0	0	0	0	0	0	2	0	0	0
0100	10	0	6	0	1	1	1	0	0	0	0	1	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	3	1	1	0	0	0	1	0	0	0	0	0	0	0
0400	12	0	9	1	0	0	0	0	1	0	0	0	0	1
0500	27	0	15	4	1	0	0	0	3	0	2	1	0	1
0600	87	0	69	9	0	0	1	0	3	0	1	2	0	2
0700	233	1	192	14	0	1	7	1	3	2	7	1	0	4
0800	251	1	219	14	3	3	3	0	0	1	3	4	0	0
0900	183	0	137	14	0	2	4	0	2	1	8	7	1	7
1000	116	0	87	13	2	2	1	0	2	0	5	2	0	2
1100	144	1	95	17	1	3	1	0	2	0	4	12	0	8
1200	138	0	105	13	2	3	1	0	1	1	4	3	0	5
1300	164	0	135	15	0	1	0	1	2	0	4	3	0	3
1400	136	0	109	16	0	0	1	0	2	0	1	3	0	4
1500	125	0	94	14	0	0	2	0	5	1	3	4	0	2
1600	189	1	149	10	1	0	6	1	3	2	7	5	0	4
1700	235	0	198	21	0	0	2	0	3	1	5	5	0	0
1800	191	1	169	11	1	0	0	0	0	0	4	0	0	5
1900	104	2	89	5	0	0	3	0	1	0	1	1	0	2
2000	73	1	64	0	1	1	1	0	1	1	0	2	0	1
2100	72	0	65	1	0	0	1	0	1	0	1	2	0	1
2200	44	0	33	1	0	0	2	0	0	0	4	2	0	2
2300	16	0	11	2	0	0	0	0	1	0	1	0	0	1
07-19	2105	5	1689	172	10	15	28	3	25	9	55	49	1	44
06-22	2441	8	1976	187	11	16	34	3	31	10	58	56	1	50
06-00	2501	8	2020	190	11	16	36	3	32	10	63	58	1	53
00-00	2561	9	2057	195	13	17	38	3	36	10	67	60	1	55

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**17 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	14	0	13	0	0	1	0	0	0	0	0	0	0	0
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	0	0	1	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	11	0	5	1	0	0	0	0	0	0	3	0	0	2
0500	27	0	17	7	0	0	1	0	1	0	0	1	0	0
0600	68	0	51	7	1	1	0	0	3	0	3	1	0	1
0700	241	2	190	24	1	0	7	1	2	1	5	4	0	4
0800	239	1	206	14	1	2	1	0	1	1	3	3	0	6
0900	219	0	170	17	0	2	6	0	5	2	5	2	0	10
1000	112	0	93	5	0	0	1	0	1	0	3	4	0	5
1100	141	0	96	11	0	0	10	1	3	1	6	3	0	10
1200	146	1	105	11	0	2	9	1	2	0	4	3	0	8
1300	154	0	130	10	0	0	1	0	1	0	1	7	0	4
1400	152	0	114	20	0	2	2	0	1	1	6	3	0	3
1500	156	0	122	12	0	0	5	0	0	1	2	6	0	8
1600	189	0	162	13	1	1	2	0	2	0	6	0	0	2
1700	279	0	244	11	0	0	4	0	1	0	7	6	0	6
1800	183	0	159	10	1	0	3	0	0	0	3	4	0	3
1900	108	0	91	8	0	1	3	0	0	0	2	1	0	2
2000	74	0	70	1	1	0	2	0	0	0	0	0	0	0
2100	71	0	58	6	0	0	2	0	2	0	0	2	0	1
2200	35	0	29	0	1	0	2	0	0	0	1	1	0	1
2300	12	0	9	1	0	0	1	0	0	0	1	0	0	0
07-19	2211	4	1791	158	4	9	51	3	19	7	51	45	0	69
06-22	2532	4	2061	180	6	11	58	3	24	7	56	49	0	73
06-00	2579	4	2099	181	7	11	61	3	24	7	58	50	0	74
00-00	2633	4	2135	189	8	12	62	3	25	7	61	51	0	76

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 1 - Northbound

Week Comm.:

11 April 2013  
Ath/12/027

TIME PERIOD	11 April 2013	12 April 2013	13 April 2013	14 April 2013	15 April 2013	16 April 2013	17 April 2013
0000	12	12	17	21	14	7	14
0100	4	6	13	11	9	10	1
0200	3	2	6	13	3	1	1
0300	5	2	6	17	4	3	0
0400	7	10	12	3	3	12	11
0500	38	24	27	16	36	27	27
0600	71	83	44	25	84	87	68
0700	224	238	82	51	223	233	241
0800	292	242	97	46	250	251	239
0900	177	187	98	57	174	183	219
1000	142	146	129	118	129	116	112
1100	155	150	146	147	130	144	141
1200	134	173	158	168	143	138	146
1300	168	193	171	196	148	164	154
1400	147	188	161	197	153	136	152
1500	168	188	153	170	168	125	156
1600	195	262	123	153	189	189	189
1700	213	298	170	166	220	235	279
1800	210	201	143	155	159	191	183
1900	113	144	100	173	98	104	108
2000	81	104	77	108	79	73	74
2100	87	81	57	73	51	72	71
2200	55	60	46	44	42	44	35
2300	20	24	28	21	13	16	12
<b>07-19</b>	<b>2225</b>	<b>2466</b>	<b>1631</b>	<b>1624</b>	<b>2086</b>	<b>2105</b>	<b>2211</b>
<b>06-22</b>	<b>2577</b>	<b>2878</b>	<b>1909</b>	<b>2003</b>	<b>2398</b>	<b>2441</b>	<b>2532</b>
<b>06-00</b>	<b>2652</b>	<b>2962</b>	<b>1983</b>	<b>2068</b>	<b>2453</b>	<b>2501</b>	<b>2579</b>
<b>00-00</b>	<b>2721</b>	<b>3018</b>	<b>2064</b>	<b>2149</b>	<b>2522</b>	<b>2561</b>	<b>2633</b>

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 1 - Northbound**

**Week Comm:**

**11 April 2013**  
**Ath/12/027**

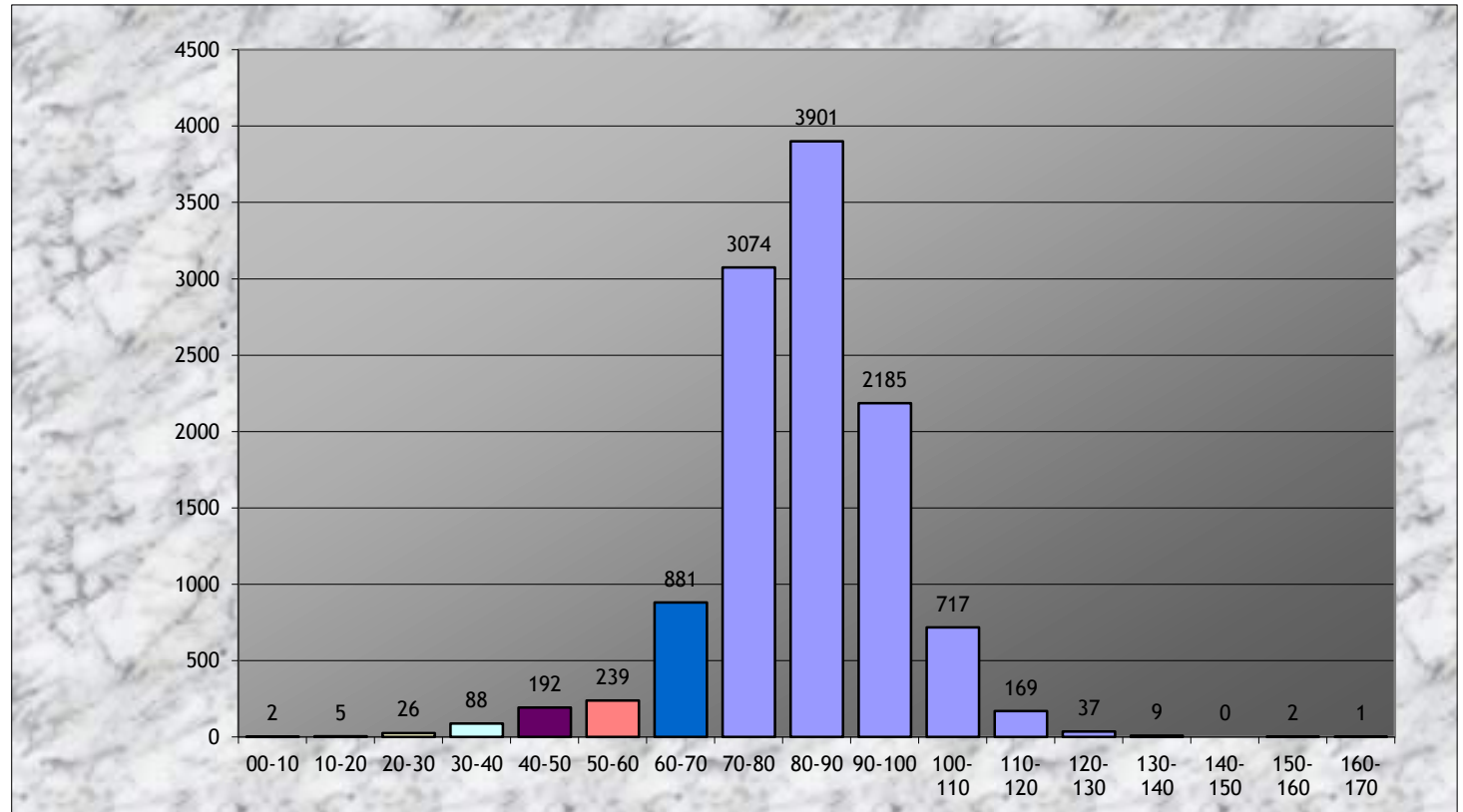
**Profile:**

Filter time: 00:00 11 April 2013 => 23:59 17 April 2013  
Speed range: 0 - 200 km/h.  
Separation: Greater than 4.00 seconds. - (Headway)  
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

Vehicles = 11528  
Maximum = 161.5 km/h, Minimum = 8.2 km/h, Mean = 82.8 km/h  
85% Speed = 95.4 km/h, 95% Speed = 103.3 km/h, Median = 82.8 km/h  
20 km/h Pace = 72 - 92, Number in Pace = 7231 (62.73%)  
Variance = 185.16, Standard Deviation = 13.61 km/h

**Speed Bins:**

Speed	Bin	
	No.	%
KPH		
00-10	2	0.0
10-20	5	0
20-30	26	0.2
30-40	88	0.8
40-50	192	1.7
50-60	239	2.1
60-70	881	7.6
70-80	3074	26.7
80-90	3901	33.8
90-100	2185	19.0
100-110	717	6.2
110-120	169	1.5
120-130	37	0.3
130-140	9	0.1
140-150	0	0.0
150-160	2	0.0
160-170	1	0.0



**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**11 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	13	0	9	1	1	0	0	0	1	0	0	1	0	0
0100	6	0	4	1	0	0	0	0	0	0	0	1	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	2	0	1	0	0	0	0	0	1	0	0	0	0	0
0400	12	1	3	3	1	0	0	0	1	0	2	1	0	0
0500	22	0	12	3	1	1	1	0	2	0	0	2	0	0
0600	54	0	35	5	2	1	0	0	3	0	4	2	0	2
0700	138	1	104	10	2	1	1	1	9	0	3	6	0	0
0800	249	0	213	20	1	2	0	0	10	0	1	2	0	0
0900	147	0	108	19	0	1	1	0	12	0	1	5	0	0
1000	165	0	125	13	0	2	1	0	10	0	2	12	0	0
1100	141	2	100	16	1	4	2	0	12	0	0	4	0	0
1200	164	1	116	14	0	2	2	0	20	0	2	7	0	0
1300	152	0	117	12	1	0	1	0	16	0	1	4	0	0
1400	150	0	121	12	0	1	1	0	6	1	2	6	0	0
1500	192	0	146	17	2	0	0	0	9	3	3	12	0	0
1600	270	1	220	23	2	3	2	0	11	1	1	6	0	0
1700	318	0	263	27	1	2	2	1	13	1	1	7	0	0
1800	213	0	176	22	1	1	1	0	9	0	2	1	0	0
1900	171	0	152	13	1	0	0	0	2	0	2	1	0	0
2000	94	1	85	5	1	0	0	0	2	0	0	0	0	0
2100	73	0	59	8	0	0	0	0	4	0	1	1	0	0
2200	38	0	34	2	0	1	0	0	0	0	0	1	0	0
2300	26	0	23	0	0	0	0	0	3	0	0	0	0	0
07-19	2299	5	1809	205	11	19	14	2	137	6	19	72	0	0
06-22	2691	6	2140	236	15	20	14	2	148	6	26	76	0	2
06-00	2755	6	2197	238	15	21	14	2	151	6	26	77	0	2
00-00	2811	7	2227	246	18	22	15	2	156	6	28	82	0	2



**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

12 April 2013  
Ath/12/027

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	14	0	9	1	1	0	0	0	2	0	0	1	0	0
0100	9	0	4	2	0	0	0	0	1	0	0	2	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	3	0	1	0	0	1	0	0	1	0	0	0	0	0
0400	7	0	4	1	1	0	0	0	1	0	0	0	0	0
0500	15	0	9	2	0	0	0	0	2	0	0	2	0	0
0600	44	0	31	5	1	0	0	0	3	0	0	4	0	0
0700	131	1	99	16	1	1	0	0	10	0	0	2	0	1
0800	218	1	171	20	0	1	1	3	8	2	4	6	0	1
0900	178	0	136	19	2	3	1	0	10	0	0	7	0	0
1000	135	0	91	14	1	3	0	0	12	1	2	10	0	1
1100	169	2	111	17	0	3	3	1	19	3	1	7	0	2
1200	200	0	143	24	0	0	1	0	19	1	5	7	0	0
1300	201	0	141	26	0	2	2	0	16	1	4	9	0	0
1400	197	1	163	11	1	2	2	0	8	0	2	6	0	1
1500	244	0	196	20	2	4	1	0	8	2	3	6	0	2
1600	290	2	249	20	1	2	3	0	5	0	4	3	0	1
1700	309	0	248	25	0	3	2	0	15	2	4	8	0	2
1800	214	0	189	14	1	1	1	0	7	0	1	0	0	0
1900	170	0	145	13	0	1	1	0	6	0	0	4	0	0
2000	123	1	100	9	0	0	0	0	6	1	1	5	0	0
2100	67	0	58	4	0	0	0	0	3	0	2	0	0	0
2200	58	1	48	1	0	1	0	0	4	0	1	2	0	0
2300	26	0	21	2	0	0	0	1	2	0	0	0	0	0
07-19	2486	7	1937	226	9	25	17	4	137	12	30	71	0	11
06-22	2890	8	2271	257	10	26	18	4	155	13	33	84	0	11
06-00	2974	9	2340	260	10	27	18	5	161	13	34	86	0	11
00-00	3023	9	2368	266	12	28	18	5	168	13	34	91	0	11

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**13 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	20	0	14	1	1	0	0	0	2	0	0	2	0	0
0100	21	0	14	3	0	0	0	0	3	0	0	1	0	0
0200	8	0	8	0	0	0	0	0	0	0	0	0	0	0
0300	5	0	2	1	0	0	0	0	2	0	0	0	0	0
0400	5	0	1	1	0	0	0	0	1	0	2	0	0	0
0500	12	0	4	2	0	0	1	0	1	0	1	3	0	0
0600	19	0	6	4	1	0	0	0	3	0	2	3	0	0
0700	41	0	24	1	0	0	0	0	10	0	1	4	0	1
0800	90	0	65	9	1	0	2	2	8	0	2	1	0	0
0900	121	1	94	8	0	0	0	2	8	1	3	4	0	0
1000	115	0	98	8	0	0	1	0	3	0	1	4	0	0
1100	160	1	129	14	1	1	0	0	10	0	0	4	0	0
1200	199	1	175	8	1	1	0	0	8	1	2	2	0	0
1300	195	1	174	13	0	2	2	0	2	0	0	1	0	0
1400	196	0	175	10	0	1	2	0	5	1	0	1	0	1
1500	185	0	154	20	0	1	0	2	8	0	0	0	0	0
1600	138	0	117	11	0	2	2	0	6	0	0	0	0	0
1700	142	0	127	6	0	0	0	0	7	0	0	2	0	0
1800	128	0	116	6	0	0	1	0	4	0	0	1	0	0
1900	132	0	121	6	0	2	0	0	1	0	0	2	0	0
2000	93	1	86	4	0	0	1	0	1	0	0	0	0	0
2100	73	0	66	5	0	0	1	0	1	0	0	0	0	0
2200	57	0	48	3	0	0	0	0	6	0	0	0	0	0
2300	26	0	24	0	1	0	0	0	1	0	0	0	0	0
<b>07-19</b>	<b>1710</b>	<b>4</b>	<b>1448</b>	<b>114</b>	<b>3</b>	<b>8</b>	<b>10</b>	<b>6</b>	<b>79</b>	<b>3</b>	<b>9</b>	<b>24</b>	<b>0</b>	<b>2</b>
<b>06-22</b>	<b>2027</b>	<b>5</b>	<b>1727</b>	<b>133</b>	<b>4</b>	<b>10</b>	<b>12</b>	<b>6</b>	<b>85</b>	<b>3</b>	<b>11</b>	<b>29</b>	<b>0</b>	<b>2</b>
<b>06-00</b>	<b>2110</b>	<b>5</b>	<b>1799</b>	<b>136</b>	<b>5</b>	<b>10</b>	<b>12</b>	<b>6</b>	<b>92</b>	<b>3</b>	<b>11</b>	<b>29</b>	<b>0</b>	<b>2</b>
<b>00-00</b>	<b>2181</b>	<b>5</b>	<b>1842</b>	<b>144</b>	<b>6</b>	<b>10</b>	<b>13</b>	<b>6</b>	<b>101</b>	<b>3</b>	<b>14</b>	<b>35</b>	<b>0</b>	<b>2</b>

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

14 April 2013  
Ath/12/027

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	24	0	22	0	0	0	0	0	2	0	0	0	0	0
0100	16	0	15	0	0	0	1	0	0	0	0	0	0	0
0200	16	0	15	1	0	0	0	0	0	0	0	0	0	0
0300	6	0	5	1	0	0	0	0	0	0	0	0	0	0
0400	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0500	9	0	3	5	0	0	0	0	1	0	0	0	0	0
0600	22	0	13	4	0	0	0	0	5	0	0	0	0	0
0700	31	0	19	4	0	0	1	0	4	0	1	2	0	0
0800	43	0	33	3	1	0	0	0	5	0	0	1	0	0
0900	72	0	57	6	0	1	1	0	6	0	1	0	0	0
1000	97	0	80	8	0	0	1	0	6	0	2	0	0	0
1100	91	0	73	10	0	1	0	0	6	0	1	0	0	0
1200	170	1	145	9	0	0	0	0	8	0	4	3	0	0
1300	166	0	154	8	0	0	0	0	3	0	0	0	0	1
1400	186	1	169	9	1	0	0	0	6	0	0	0	0	0
1500	147	0	139	4	0	0	0	0	3	0	0	0	0	1
1600	169	0	157	4	0	0	1	0	7	0	0	0	0	0
1700	182	1	164	7	1	0	3	0	4	0	0	2	0	0
1800	169	1	153	10	0	0	0	0	4	0	0	1	0	0
1900	177	0	168	7	0	0	0	0	0	0	1	1	0	0
2000	159	0	151	4	0	1	1	0	1	0	0	1	0	0
2100	88	0	79	6	0	0	0	0	3	0	0	0	0	0
2200	65	0	56	3	0	0	1	0	4	1	0	0	0	0
2300	46	0	43	2	0	0	0	0	1	0	0	0	0	0
07-19	1523	4	1343	82	3	2	7	0	62	0	9	9	0	2
06-22	1969	4	1754	103	3	3	8	0	71	0	10	11	0	2
06-00	2080	4	1853	108	3	3	9	0	76	1	10	11	0	2
00-00	2154	4	1916	115	3	3	10	0	79	1	10	11	0	2

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**15 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	21	0	18	0	1	0	0	0	2	0	0	0	0	0
0100	10	0	7	2	1	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	3	0	1	2	0	0	0	0	0	0	0	0	0	0
0400	4	0	1	0	0	0	0	0	0	0	2	1	0	0
0500	19	0	13	1	0	1	0	0	2	0	0	2	0	0
0600	46	0	30	4	0	0	3	0	4	0	2	3	0	0
0700	144	0	99	17	1	4	7	0	3	1	5	6	0	1
0800	252	0	209	24	0	4	1	0	9	0	0	3	0	2
0900	170	0	131	20	0	3	0	0	8	1	2	5	0	0
1000	147	1	112	19	0	0	1	0	7	0	4	3	0	0
1100	143	1	98	16	0	4	1	0	11	0	3	9	0	0
1200	157	0	120	15	0	3	0	0	12	0	3	4	0	0
1300	147	1	110	14	1	0	0	0	10	0	4	7	0	0
1400	140	0	102	19	0	2	0	0	10	1	2	4	0	0
1500	165	1	130	13	2	0	3	0	5	0	6	5	0	0
1600	234	0	190	17	1	1	3	0	13	0	3	5	0	1
1700	309	1	268	20	1	1	1	0	8	1	3	5	0	0
1800	184	0	156	12	1	0	2	0	7	2	3	1	0	0
1900	113	0	103	6	0	0	1	0	2	0	0	1	0	0
2000	114	0	102	7	0	0	0	0	0	0	3	2	0	0
2100	55	0	39	10	0	1	0	0	4	0	0	1	0	0
2200	28	0	20	4	0	0	0	0	4	0	0	0	0	0
2300	13	0	7	2	0	0	0	0	3	0	0	1	0	0
07-19	2192	5	1725	206	7	22	19	0	103	6	38	57	0	4
06-22	2520	5	1999	233	7	23	23	0	113	6	43	64	0	4
06-00	2561	5	2026	239	7	23	23	0	120	6	43	65	0	4
00-00	2618	5	2066	244	9	24	23	0	124	6	45	68	0	4

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**16 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	13	0	11	0	1	0	1	0	0	0	0	0	0	0
0100	10	0	5	0	1	1	0	0	2	0	0	1	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	4	0	4	0	0	0	0	0	0	0	0	0	0	0
0400	12	0	5	0	1	0	1	0	3	0	2	0	0	0
0500	18	0	7	6	0	0	0	0	1	0	2	2	0	0
0600	44	0	30	7	2	0	0	0	1	0	1	3	0	0
0700	137	0	104	11	4	1	1	1	10	0	2	2	0	1
0800	241	0	198	23	0	4	0	0	9	0	2	5	0	0
0900	134	0	102	16	2	0	2	1	6	1	0	4	0	0
1000	158	0	116	18	3	4	0	0	10	0	1	5	0	1
1100	130	0	92	13	1	5	1	0	12	0	4	2	0	0
1200	156	0	125	9	0	1	3	0	14	0	1	2	0	1
1300	140	0	110	14	0	0	0	0	10	1	1	4	0	0
1400	136	1	102	15	0	2	1	0	7	0	4	4	0	0
1500	165	0	124	23	1	0	2	0	6	0	5	4	0	0
1600	222	2	175	22	2	2	0	0	9	0	4	6	0	0
1700	304	0	257	30	1	2	1	0	9	0	2	2	0	0
1800	189	2	152	22	1	0	0	0	5	0	1	6	0	0
1900	128	2	107	8	0	0	1	0	2	0	0	8	0	0
2000	109	1	95	7	0	0	1	0	2	0	0	3	0	0
2100	59	0	47	8	0	0	0	0	3	0	0	1	0	0
2200	37	0	29	3	0	0	2	0	2	0	0	1	0	0
2300	23	0	18	2	0	0	1	0	2	0	0	0	0	0
07-19	2112	5	1657	216	15	21	11	2	107	2	27	46	0	3
06-22	2452	8	1936	246	17	21	13	2	115	2	28	61	0	3
06-00	2512	8	1983	251	17	21	16	2	119	2	28	62	0	3
00-00	2570	8	2016	257	20	22	18	2	125	2	32	65	0	3

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

17 April 2013  
Ath/12/027

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	6	0	3	0	1	0	0	0	2	0	0	0	0	0
0100	7	0	2	0	1	0	0	0	2	0	0	2	0	0
0200	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0400	13	0	5	2	0	0	0	0	3	0	1	2	0	0
0500	21	0	11	1	0	2	1	0	2	0	2	2	0	0
0600	44	0	17	11	3	1	0	0	4	0	1	3	0	4
0700	140	0	102	22	2	1	0	0	7	0	1	4	0	1
0800	269	3	218	25	1	1	0	0	10	0	1	9	0	1
0900	156	0	123	14	3	2	0	0	7	0	2	5	0	0
1000	158	0	124	19	0	1	0	0	9	0	0	5	0	0
1100	158	2	109	25	0	0	1	0	10	0	4	7	0	0
1200	139	0	116	14	0	1	0	0	3	0	2	2	0	1
1300	190	1	140	18	0	4	1	0	16	1	2	5	0	2
1400	166	0	125	19	1	2	1	0	5	0	2	10	0	1
1500	200	0	154	16	2	1	0	0	10	1	7	9	0	0
1600	232	0	187	28	1	4	1	0	10	0	0	1	0	0
1700	291	1	245	28	0	2	2	0	9	0	0	4	0	0
1800	218	0	184	16	1	1	2	0	7	0	3	3	0	1
1900	111	0	98	9	0	1	0	0	1	0	0	2	0	0
2000	95	0	89	4	0	1	0	0	0	0	0	1	0	0
2100	59	0	46	10	1	0	0	0	1	0	0	1	0	0
2200	46	0	36	5	0	0	0	0	2	1	0	2	0	0
2300	32	0	26	3	0	0	0	0	3	0	0	0	0	0
07-19	2317	7	1827	244	11	20	8	0	103	2	24	64	0	7
06-22	2626	7	2077	278	15	23	8	0	109	2	25	71	0	11
06-00	2704	7	2139	286	15	23	8	0	114	3	25	73	0	11
00-00	2754	7	2162	290	17	25	9	0	123	3	28	79	0	11

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

Week Comm.:

11 April 2013  
Ath/12/027

TIME PERIOD	11 April 2013	12 April 2013	13 April 2013	14 April 2013	15 April 2013	16 April 2013	17 April 2013
0000	13	14	20	24	21	13	6
0100	6	9	21	16	10	10	7
0200	1	1	8	16	0	1	2
0300	2	3	5	6	3	4	1
0400	12	7	5	3	4	12	13
0500	22	15	12	9	19	18	21
0600	54	44	19	22	46	44	44
0700	138	131	41	31	144	137	140
0800	249	218	90	43	252	241	269
0900	147	178	121	72	170	134	156
1000	165	135	115	97	147	158	158
1100	141	169	160	91	143	130	158
1200	164	200	199	170	157	156	139
1300	152	201	195	166	147	140	190
1400	150	197	196	186	140	136	166
1500	192	244	185	147	165	165	200
1600	270	290	138	169	234	222	232
1700	318	309	142	182	309	304	291
1800	213	214	128	169	184	189	218
1900	171	170	132	177	113	128	111
2000	94	123	93	159	114	109	95
2100	73	67	73	88	55	59	59
2200	38	58	57	65	28	37	46
2300	26	26	26	46	13	23	32
<b>07-19</b>	<b>2299</b>	<b>2486</b>	<b>1710</b>	<b>1523</b>	<b>2192</b>	<b>2112</b>	<b>2317</b>
<b>06-22</b>	<b>2691</b>	<b>2890</b>	<b>2027</b>	<b>1969</b>	<b>2520</b>	<b>2452</b>	<b>2626</b>
<b>06-00</b>	<b>2755</b>	<b>2974</b>	<b>2110</b>	<b>2080</b>	<b>2561</b>	<b>2512</b>	<b>2704</b>
<b>00-00</b>	<b>2811</b>	<b>3023</b>	<b>2181</b>	<b>2154</b>	<b>2618</b>	<b>2570</b>	<b>2754</b>

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**Week Comm: 11 April 2013**  
**Ath/12/027**

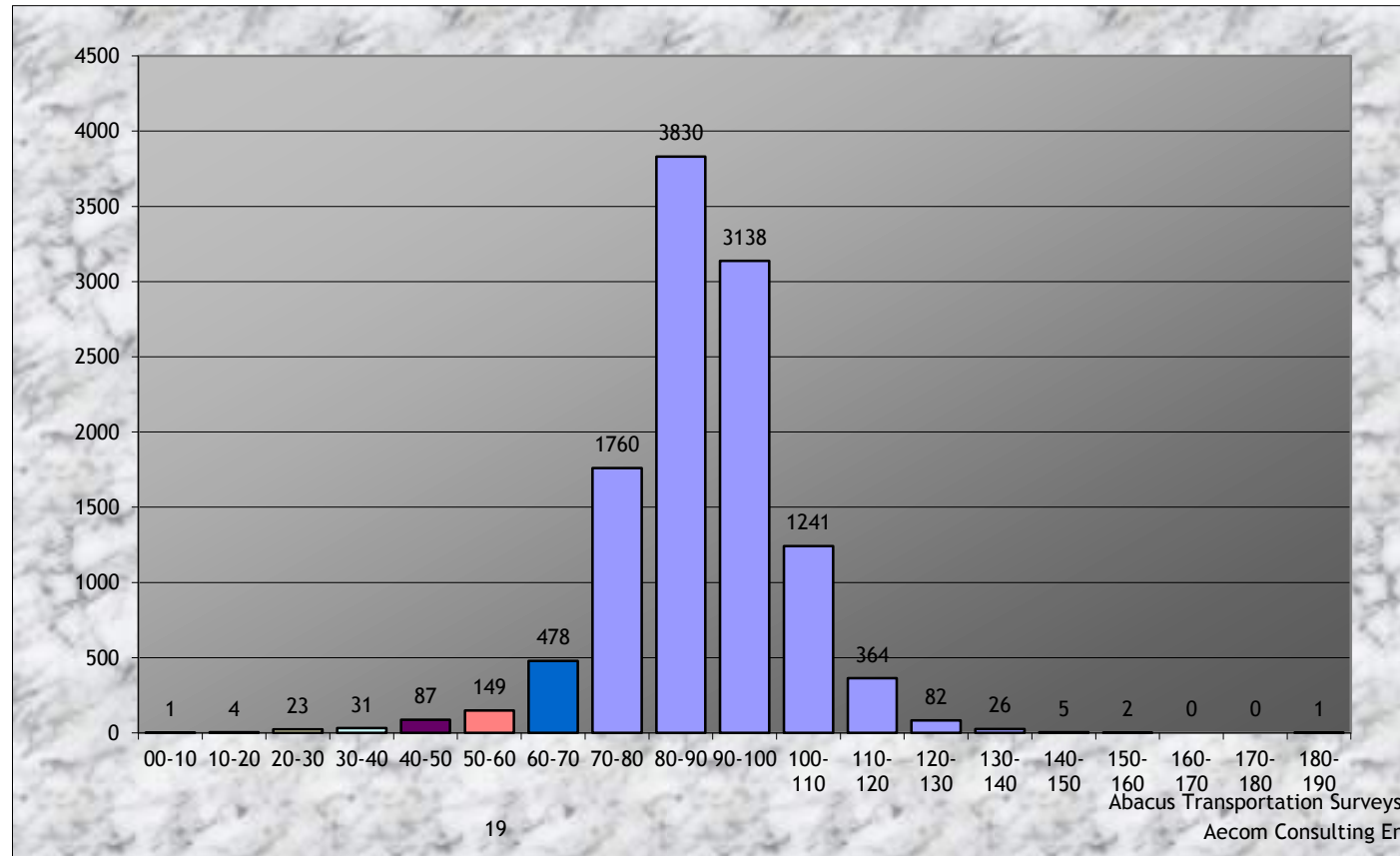
**Profile:**

Filter time: 00:00 11 April 2013 => 23:59 17 April 2013  
Speed range: 0 - 200 km/h.  
Separation: Greater than 4.00 seconds. - (Headway)  
Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

Vehicles = 11222  
Maximum = 182.4 km/h, Minimum = 8.6 km/h, Mean = 87.9 km/h  
85% Speed = 100.1 km/h, 95% Speed = 108.7 km/h, Median = 88.2 km/h  
20 km/h Pace = 78 - 98, Number in Pace = 7107 (63.33%)  
Variance = 178.67, Standard Deviation = 13.37 km/h

**Speed Bins:**

Speed	Bin	
	No.	%
KPH		
00-10	1	0.0
10-20	4	0.0
20-30	23	0.2
30-40	31	0.3
40-50	87	0.8
50-60	149	1.3
60-70	478	4.3
70-80	1760	15.7
80-90	3830	34.1
90-100	3138	28.0
100-110	1241	11.1
110-120	364	3.2
120-130	82	0.7
130-140	26	0.2
140-150	5	0.0
150-160	2	0.0
160-170	0	0.0
170-180	0	0.0
180-190	1	0.0





# Classification Schemes

## Scheme F Classification Scheme (Non-metric)

Scheme F is an attempt to implement the FWHA's visual classification scheme as an axle-based classification scheme. This is one of several interpretations.

Class	Vehicle Type	No. of Axles	Axle spacing in feet				
			Axle 1 to 2	Axle 2 to 3	Axle 3 to 4	Axle 4 to 5	Axle 5 to 6
1	motorcycle	2	<6.0				
2	passenger car	2	6.0 - 10.0				
	car + 1 axle trailer	3	<10.0	10.0 - 18.0			
	car + 2 axle trailer	4	<10.0		<3.5		
3	pickup	2	10.0 - 15.0				
	pickup + 1 axle trailer	3	10.0 - 15.0	10.0 - 18.0			
	pickup + 2 axle trailer	4	10.0 - 15.0		<3.5		
	pickup + 3 axle trailer	5	9.9 - 15.0			<3.5	
4	bus	2	>20.0				
	bus	3	>19.0				
5	single unit truck - dual rear axle	2	14.9 - 20.0			<3.5	
6	3 axle truck	3		<18.0			
7	4 axle truck	4					
8	2S1	3		>18.0			
	2S2	4		>5.0	>3.5		
	3S1	4		<5.0	>10.0		
9	3S2	5		<6.1		3.5 - 8.0	
	5 axle combination	5					
10	6 axle combination	6			3.5 - 5.0		
	3S3	6					
11	2S1-2	5		>6.0			
12	3S1-2	6					>10.0
13	truck	7 or more					

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Summary

Week Comm:

11 April 2013  
Ath/12/027

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
02	R432 Moate Road	Northbound	11/04/2013	17/04/2013	3059	424	437	83.2	117.7	12.2	69.4
02		Southbound	11/04/2013	17/04/2013	3067	425	438	80.3	103.8	12.1	66.5

**Volumetric Counts:**

Direction	Time	11 April 2013	12 April 2013	13 April 2013	14 April 2013	15 April 2013	16 April 2013	17 April 2013
Northbound	07-19	348	379	327	255	347	350	327
Southbound	07-19	364	394	357	293	353	354	347
Northbound	06-22	419	474	391	332	422	437	410
Southbound	06-22	428	485	412	351	419	429	422
Northbound	06-00	439	492	406	353	445	451	421
Southbound	06-00	437	498	428	359	430	434	431
Northbound	00-00	443	496	420	366	455	455	424
Southbound	00-00	441	503	436	366	441	446	434

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**11 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0600	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0700	12	0	6	4	1	0	0	0	1	0	0	0	0	0
0800	19	0	17	0	0	1	0	0	0	0	0	1	0	0
0900	27	0	22	4	0	0	0	0	0	0	1	0	0	0
1000	18	0	15	1	0	0	1	0	0	1	0	0	0	0
1100	22	0	19	3	0	0	0	0	0	0	0	0	0	0
1200	26	0	23	0	0	0	1	0	1	0	0	1	0	0
1300	25	1	21	2	0	0	1	0	0	0	0	0	0	0
1400	31	0	28	2	0	1	0	0	0	0	0	0	0	0
1500	38	0	36	0	1	1	0	0	0	0	0	0	0	0
1600	41	0	33	5	0	0	2	0	1	0	0	0	0	0
1700	47	0	42	3	0	0	2	0	0	0	0	0	0	0
1800	42	0	38	2	0	0	0	0	1	0	0	1	0	0
1900	23	0	19	3	0	0	0	0	0	0	0	1	0	0
2000	30	0	27	3	0	0	0	0	0	0	0	0	0	0
2100	17	0	17	0	0	0	0	0	0	0	0	0	0	0
2200	13	0	12	1	0	0	0	0	0	0	0	0	0	0
2300	7	0	7	0	0	0	0	0	0	0	0	0	0	0
07-19	348	1	300	26	2	3	7	0	4	1	1	3	0	0
06-22	419	1	363	33	2	3	7	0	4	1	1	4	0	0
06-00	439	1	382	34	2	3	7	0	4	1	1	4	0	0
00-00	443	1	386	34	2	3	7	0	4	1	1	4	0	0

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**12 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0700	9	0	8	0	1	0	0	0	0	0	0	0	0	0
0800	24	0	22	1	0	1	0	0	0	0	0	0	0	0
0900	17	0	17	0	0	0	0	0	0	0	0	0	0	0
1000	15	0	13	2	0	0	0	0	0	0	0	0	0	0
1100	26	0	25	1	0	0	0	0	0	0	0	0	0	0
1200	32	1	26	3	0	0	0	0	1	0	0	1	0	0
1300	30	1	26	2	1	0	0	0	0	0	0	0	0	0
1400	32	0	28	3	0	0	0	0	1	0	0	0	0	0
1500	46	0	40	5	0	1	0	0	0	0	0	0	0	0
1600	35	0	34	1	0	0	0	0	0	0	0	0	0	0
1700	64	1	55	4	0	0	2	0	1	0	0	1	0	0
1800	49	0	47	1	0	0	0	0	1	0	0	0	0	0
1900	35	0	30	4	0	0	0	0	0	0	0	1	0	0
2000	31	0	28	3	0	0	0	0	0	0	0	0	0	0
2100	28	0	28	0	0	0	0	0	0	0	0	0	0	0
2200	11	0	11	0	0	0	0	0	0	0	0	0	0	0
2300	7	0	7	0	0	0	0	0	0	0	0	0	0	0
07-19	379	3	341	23	2	2	2	0	4	0	0	2	0	0
06-22	474	3	427	31	2	2	2	0	4	0	0	3	0	0
06-00	492	3	445	31	2	2	2	0	4	0	0	3	0	0
00-00	496	3	449	31	2	2	2	0	4	0	0	3	0	0

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**13 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	5	0	5	0	0	0	0	0	0	0	0	0	0	0
0100	5	0	5	0	0	0	0	0	0	0	0	0	0	0
0200	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	4	0	4	0	0	0	0	0	0	0	0	0	0	0
0800	8	0	8	0	0	0	0	0	0	0	0	0	0	0
0900	16	0	13	1	0	1	0	0	0	0	0	1	0	0
1000	36	1	29	2	1	1	0	0	0	0	1	1	0	0
1100	40	0	36	3	0	0	1	0	0	0	0	0	0	0
1200	34	0	29	2	0	0	2	0	1	0	0	0	0	0
1300	35	0	30	4	0	1	0	0	0	0	0	0	0	0
1400	30	0	27	1	0	0	1	0	1	0	0	0	0	0
1500	28	0	26	1	0	0	0	0	1	0	0	0	0	0
1600	27	0	25	1	0	0	0	0	0	0	0	1	0	0
1700	28	0	27	0	0	0	0	0	1	0	0	0	0	0
1800	41	1	38	1	0	0	0	0	1	0	0	0	0	0
1900	31	0	31	0	0	0	0	0	0	0	0	0	0	0
2000	18	0	16	1	0	0	1	0	0	0	0	0	0	0
2100	15	0	15	0	0	0	0	0	0	0	0	0	0	0
2200	10	0	10	0	0	0	0	0	0	0	0	0	0	0
2300	5	0	5	0	0	0	0	0	0	0	0	0	0	0
07-19	327	2	292	16	1	3	4	0	5	0	1	3	0	0
06-22	391	2	354	17	1	3	5	0	5	0	1	3	0	0
06-00	406	2	369	17	1	3	5	0	5	0	1	3	0	0
00-00	420	2	383	17	1	3	5	0	5	0	1	3	0	0

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**14 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	8	0	8	0	0	0	0	0	0	0	0	0	0	0
0100	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0800	4	0	3	1	0	0	0	0	0	0	0	0	0	0
0900	17	1	14	1	0	0	1	0	0	0	0	0	0	0
1000	31	0	30	1	0	0	0	0	0	0	0	0	0	0
1100	14	0	13	1	0	0	0	0	0	0	0	0	0	0
1200	29	0	27	2	0	0	0	0	0	0	0	0	0	0
1300	23	0	23	0	0	0	0	0	0	0	0	0	0	0
1400	27	1	26	0	0	0	0	0	0	0	0	0	0	0
1500	19	0	14	4	1	0	0	0	0	0	0	0	0	0
1600	26	0	26	0	0	0	0	0	0	0	0	0	0	0
1700	37	1	36	0	0	0	0	0	0	0	0	0	0	0
1800	26	0	26	0	0	0	0	0	0	0	0	0	0	0
1900	42	0	38	4	0	0	0	0	0	0	0	0	0	0
2000	23	0	23	0	0	0	0	0	0	0	0	0	0	0
2100	12	0	12	0	0	0	0	0	0	0	0	0	0	0
2200	15	0	15	0	0	0	0	0	0	0	0	0	0	0
2300	6	0	5	1	0	0	0	0	0	0	0	0	0	0
07-19	255	3	240	10	1	0	1	0	0	0	0	0	0	0
06-22	332	3	313	14	1	0	1	0	0	0	0	0	0	0
06-00	353	3	333	15	1	0	1	0	0	0	0	0	0	0
00-00	366	3	346	15	1	0	1	0	0	0	0	0	0	0

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**15 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	5	0	5	0	0	0	0	0	0	0	0	0	0	0
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0600	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0700	9	0	6	2	1	0	0	0	0	0	0	0	0	0
0800	30	0	27	3	0	0	0	0	0	0	0	0	0	0
0900	21	1	18	1	1	0	0	0	0	0	0	0	0	0
1000	21	0	18	3	0	0	0	0	0	0	0	0	0	0
1100	23	0	20	2	0	1	0	0	0	0	0	0	0	0
1200	26	1	22	2	0	0	0	0	0	0	0	1	0	0
1300	15	0	14	0	0	0	0	0	1	0	0	0	0	0
1400	24	0	23	0	0	0	0	0	1	0	0	0	0	0
1500	39	0	33	2	1	1	1	0	1	0	0	0	0	0
1600	47	0	44	1	0	0	1	0	1	0	0	0	0	0
1700	41	0	36	4	0	0	0	0	1	0	0	0	0	0
1800	51	0	44	5	0	0	1	0	0	0	1	0	0	0
1900	26	0	23	1	0	0	0	0	0	0	0	2	0	0
2000	27	0	27	0	0	0	0	0	0	0	0	0	0	0
2100	20	0	19	1	0	0	0	0	0	0	0	0	0	0
2200	23	0	21	2	0	0	0	0	0	0	0	0	0	0
2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	347	2	305	25	3	2	3	0	5	0	1	1	0	0
06-22	422	2	376	27	3	2	3	0	5	0	1	3	0	0
06-00	445	2	397	29	3	2	3	0	5	0	1	3	0	0
00-00	455	2	407	29	3	2	3	0	5	0	1	3	0	0

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**16 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	2	0	1	0	1	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	2	0	1	0	1	0	0	0	0	0	0	0	0	0
0700	5	0	4	0	1	0	0	0	0	0	0	0	0	0
0800	20	0	18	2	0	0	0	0	0	0	0	0	0	0
0900	24	0	20	4	0	0	0	0	0	0	0	0	0	0
1000	14	0	13	1	0	0	0	0	0	0	0	0	0	0
1100	25	1	20	4	0	0	0	0	0	0	0	0	0	0
1200	34	1	29	3	0	0	0	0	1	0	0	0	0	0
1300	28	1	22	4	0	1	0	0	0	0	0	0	0	0
1400	25	1	23	1	0	0	0	0	0	0	0	0	0	0
1500	40	0	38	1	1	0	0	0	0	0	0	0	0	0
1600	36	0	31	3	1	1	0	0	0	0	0	0	0	0
1700	60	1	50	6	0	0	1	0	2	0	0	0	0	0
1800	39	0	37	0	1	0	0	0	0	0	1	0	0	0
1900	30	0	28	1	0	0	0	0	0	0	0	1	0	0
2000	26	0	23	2	0	0	0	0	1	0	0	0	0	0
2100	29	0	28	1	0	0	0	0	0	0	0	0	0	0
2200	13	0	13	0	0	0	0	0	0	0	0	0	0	0
2300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07-19	350	5	305	29	4	2	1	0	3	0	1	0	0	0
06-22	437	5	385	33	5	2	1	0	4	0	1	1	0	0
06-00	451	5	399	33	5	2	1	0	4	0	1	1	0	0
00-00	455	5	402	33	6	2	1	0	4	0	1	1	0	0



**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**17 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	2	0	1	0	0	0	1	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	2	0	1	1	0	0	0	0	0	0	0	0	0	0
0700	6	0	4	1	1	0	0	0	0	0	0	0	0	0
0800	23	0	20	3	0	0	0	0	0	0	0	0	0	0
0900	26	0	21	5	0	0	0	0	0	0	0	0	0	0
1000	15	0	15	0	0	0	0	0	0	0	0	0	0	0
1100	16	0	13	1	0	0	1	0	1	0	0	0	0	0
1200	23	0	22	0	0	1	0	0	0	0	0	0	0	0
1300	22	0	20	2	0	0	0	0	0	0	0	0	0	0
1400	26	0	25	0	0	0	0	0	1	0	0	0	0	0
1500	37	0	34	1	1	0	0	0	1	0	0	0	0	0
1600	45	0	44	0	0	1	0	0	0	0	0	0	0	0
1700	40	0	36	2	0	1	0	0	1	0	0	0	0	0
1800	48	0	43	3	0	0	0	0	0	0	1	1	0	0
1900	27	0	26	1	0	0	0	0	0	0	0	0	0	0
2000	36	0	35	1	0	0	0	0	0	0	0	0	0	0
2100	18	0	15	1	1	0	1	0	0	0	0	0	0	0
2200	7	0	6	1	0	0	0	0	0	0	0	0	0	0
2300	4	0	4	0	0	0	0	0	0	0	0	0	0	0
07-19	327	0	297	18	2	3	1	0	4	0	1	1	0	0
06-22	410	0	374	22	3	3	2	0	4	0	1	1	0	0
06-00	421	0	384	23	3	3	2	0	4	0	1	1	0	0
00-00	424	0	386	23	3	3	3	0	4	0	1	1	0	0

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 2 - Northbound

Week Comm.: 11 April 2013  
Ath/12/027

TIME PERIOD	11 April 2013	12 April 2013	13 April 2013	14 April 2013	15 April 2013	16 April 2013	17 April 2013
0000	1	2	5	8	5	2	1
0100	1	0	5	3	2	0	0
0200	1	0	3	1	1	0	0
0300	0	1	1	1	0	2	2
0400	0	1	0	0	1	0	0
0500	1	0	0	0	1	0	0
0600	1	1	0	0	2	2	2
0700	12	9	4	2	9	5	6
0800	19	24	8	4	30	20	23
0900	27	17	16	17	21	24	26
1000	18	15	36	31	21	14	15
1100	22	26	40	14	23	25	16
1200	26	32	34	29	26	34	23
1300	25	30	35	23	15	28	22
1400	31	32	30	27	24	25	26
1500	38	46	28	19	39	40	37
1600	41	35	27	26	47	36	45
1700	47	64	28	37	41	60	40
1800	42	49	41	26	51	39	48
1900	23	35	31	42	26	30	27
2000	30	31	18	23	27	26	36
2100	17	28	15	12	20	29	18
2200	13	11	10	15	23	13	7
2300	7	7	5	6	0	1	4
<b>07-19</b>	<b>348</b>	<b>379</b>	<b>327</b>	<b>255</b>	<b>347</b>	<b>350</b>	<b>327</b>
<b>06-22</b>	<b>419</b>	<b>474</b>	<b>391</b>	<b>332</b>	<b>422</b>	<b>437</b>	<b>410</b>
<b>06-00</b>	<b>439</b>	<b>492</b>	<b>406</b>	<b>353</b>	<b>445</b>	<b>451</b>	<b>421</b>
<b>00-00</b>	<b>443</b>	<b>496</b>	<b>420</b>	<b>366</b>	<b>455</b>	<b>455</b>	<b>424</b>

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 2 - Northbound**

**Week Comm:**

**11 April 2013**  
**Ath/12/027**

**Profile:**

Filter time: 00:00 11 April 2013 => 23:59 17 April 2013

Speed range: 0 - 200 km/h.

Separation: Greater than 4.00 seconds. - (Headway)

Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

Vehicles = 2818

Maximum = 117.7 km/h, Minimum = 12.2 km/h, Mean = 69.4 km/h

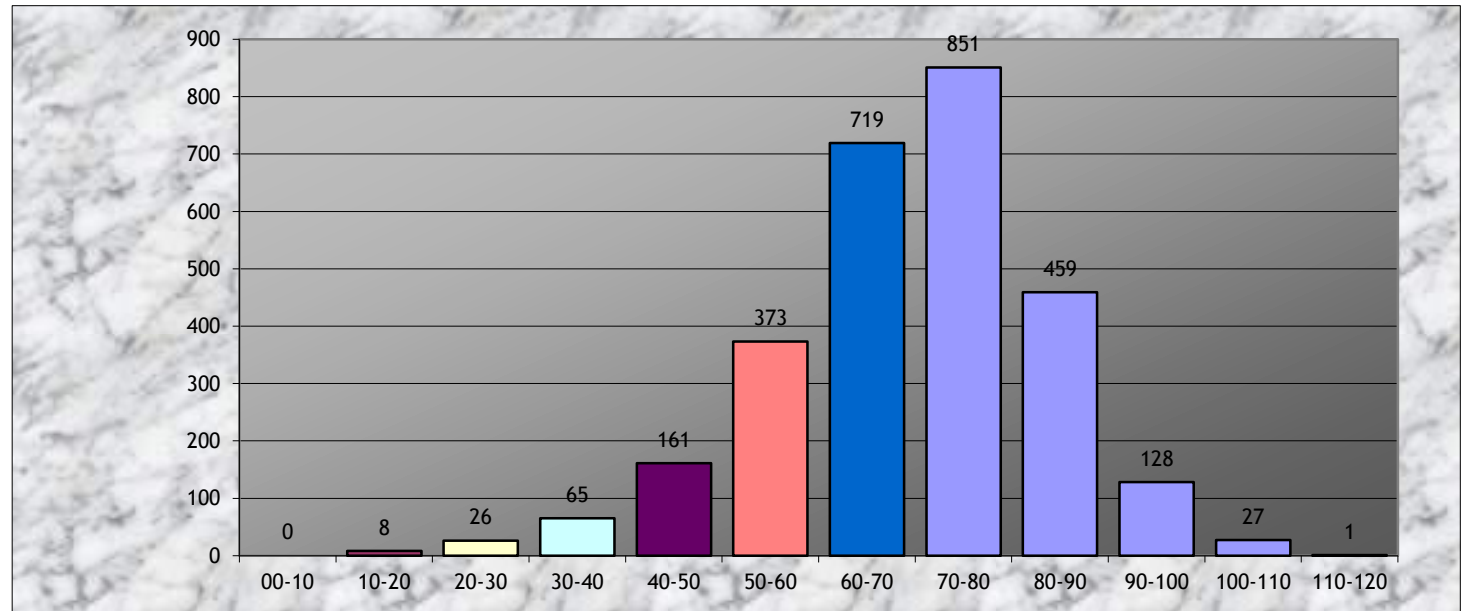
85% Speed = 83.2 km/h, 95% Speed = 90.4 km/h, Median = 70.2 km/h

20 km/h Pace = 62 - 82, Number in Pace = 1604 (56.92%)

Variance = 203.09, Standard Deviation = 14.25 km/h

**Speed Bins:**

Speed	Bin	
	No.	%
KPH		
00-10	0	0.0
10-20	8	0.3
20-30	26	0.9
30-40	65	2.3
40-50	161	5.7
50-60	373	13.2
60-70	719	25.5
70-80	851	30.2
80-90	459	16.3
90-100	128	4.5
100-110	27	1.0
110-120	1	0.0



**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**11 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0600	10	0	7	1	1	1	0	0	0	0	0	0	0	0
0700	22	0	17	4	0	0	0	0	0	0	0	1	0	0
0800	48	0	45	1	0	0	0	0	2	0	0	0	0	0
0900	39	0	36	1	1	0	0	0	1	0	0	0	0	0
1000	25	0	21	1	0	1	1	0	0	1	0	0	0	0
1100	30	1	25	2	0	0	1	0	0	0	0	1	0	0
1200	24	0	22	1	0	0	0	0	1	0	0	0	0	0
1300	22	0	20	1	0	0	0	0	1	0	0	0	0	0
1400	42	0	37	4	0	0	1	0	0	0	0	0	0	0
1500	20	0	19	1	0	0	0	0	0	0	0	0	0	0
1600	36	0	29	4	1	0	1	0	1	0	0	0	0	0
1700	32	0	30	1	0	0	0	0	0	0	0	1	0	0
1800	24	0	23	1	0	0	0	0	0	0	0	0	0	0
1900	24	0	22	2	0	0	0	0	0	0	0	0	0	0
2000	22	0	21	1	0	0	0	0	0	0	0	0	0	0
2100	8	0	8	0	0	0	0	0	0	0	0	0	0	0
2200	7	0	6	1	0	0	0	0	0	0	0	0	0	0
2300	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	364	1	324	22	2	1	4	0	6	1	0	3	0	0
06-22	428	1	382	26	3	2	4	0	6	1	0	3	0	0
06-00	437	1	390	27	3	2	4	0	6	1	0	3	0	0
00-00	441	1	394	27	3	2	4	0	6	1	0	3	0	0

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**12 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0600	5	0	3	2	0	0	0	0	0	0	0	0	0	0
0700	24	0	21	1	0	0	0	0	1	0	0	1	0	0
0800	55	0	53	1	1	0	0	0	0	0	0	0	0	0
0900	35	0	33	2	0	0	0	0	0	0	0	0	0	0
1000	19	0	17	2	0	0	0	0	0	0	0	0	0	0
1100	26	0	26	0	0	0	0	0	0	0	0	0	0	0
1200	29	0	26	2	0	0	1	0	0	0	0	0	0	0
1300	14	0	14	0	0	0	0	0	0	0	0	0	0	0
1400	45	0	40	2	0	1	0	0	2	0	0	0	0	0
1500	42	0	35	5	0	0	1	0	1	0	0	0	0	0
1600	31	0	27	3	0	0	1	0	0	0	0	0	0	0
1700	33	0	28	4	0	0	0	0	0	0	0	1	0	0
1800	41	1	39	1	0	0	0	0	0	0	0	0	0	0
1900	40	0	38	2	0	0	0	0	0	0	0	0	0	0
2000	26	0	24	2	0	0	0	0	0	0	0	0	0	0
2100	20	0	20	0	0	0	0	0	0	0	0	0	0	0
2200	8	0	8	0	0	0	0	0	0	0	0	0	0	0
2300	5	0	5	0	0	0	0	0	0	0	0	0	0	0
07-19	394	1	359	23	1	1	3	0	4	0	0	2	0	0
06-22	485	1	444	29	1	1	3	0	4	0	0	2	0	0
06-00	498	1	457	29	1	1	3	0	4	0	0	2	0	0
00-00	503	1	462	29	1	1	3	0	4	0	0	2	0	0

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

13 April 2013  
Ath/12/027

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0100	4	0	4	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	4	0	3	1	0	0	0	0	0	0	0	0	0	0
0700	11	1	9	0	0	0	0	0	0	1	0	0	0	0
0800	23	1	20	1	0	1	0	0	0	0	0	0	0	0
0900	26	2	23	1	0	0	0	0	0	0	0	0	0	0
1000	37	0	35	2	0	0	0	0	0	0	0	0	0	0
1100	39	0	34	2	0	0	1	0	1	0	1	0	0	0
1200	29	0	26	2	0	0	1	0	0	0	0	0	0	0
1300	34	0	31	1	0	0	1	0	1	0	0	0	0	0
1400	39	0	34	1	1	0	0	0	0	1	0	2	0	0
1500	35	0	33	0	0	0	0	0	2	0	0	0	0	0
1600	27	0	26	0	0	0	0	0	0	0	0	1	0	0
1700	32	0	31	0	0	0	0	0	1	0	0	0	0	0
1800	25	2	19	1	0	2	0	0	1	0	0	0	0	0
1900	10	0	9	1	0	0	0	0	0	0	0	0	0	0
2000	30	0	30	0	0	0	0	0	0	0	0	0	0	0
2100	11	0	11	0	0	0	0	0	0	0	0	0	0	0
2200	9	0	8	0	0	0	1	0	0	0	0	0	0	0
2300	7	0	7	0	0	0	0	0	0	0	0	0	0	0
07-19	357	6	321	11	1	3	3	0	6	2	1	3	0	0
06-22	412	6	374	13	1	3	3	0	6	2	1	3	0	0
06-00	428	6	389	13	1	3	4	0	6	2	1	3	0	0
00-00	436	6	397	13	1	3	4	0	6	2	1	3	0	0

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

14 April 2013  
Ath/12/027

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0600	1	0	0	1	0	0	0	0	0	0	0	0	0	0
0700	6	0	6	0	0	0	0	0	0	0	0	0	0	0
0800	11	0	10	1	0	0	0	0	0	0	0	0	0	0
0900	41	0	41	0	0	0	0	0	0	0	0	0	0	0
1000	18	0	16	2	0	0	0	0	0	0	0	0	0	0
1100	24	1	21	2	0	0	0	0	0	0	0	0	0	0
1200	20	0	20	0	0	0	0	0	0	0	0	0	0	0
1300	25	0	24	1	0	0	0	0	0	0	0	0	0	0
1400	45	0	44	1	0	0	0	0	0	0	0	0	0	0
1500	18	0	17	1	0	0	0	0	0	0	0	0	0	0
1600	27	0	26	0	0	0	0	0	1	0	0	0	0	0
1700	22	1	21	0	0	0	0	0	0	0	0	0	0	0
1800	36	0	35	1	0	0	0	0	0	0	0	0	0	0
1900	24	0	23	1	0	0	0	0	0	0	0	0	0	0
2000	21	0	20	1	0	0	0	0	0	0	0	0	0	0
2100	12	0	12	0	0	0	0	0	0	0	0	0	0	0
2200	4	0	4	0	0	0	0	0	0	0	0	0	0	0
2300	4	0	3	1	0	0	0	0	0	0	0	0	0	0
07-19	293	2	281	9	0	0	0	0	1	0	0	0	0	0
06-22	351	2	336	12	0	0	0	0	1	0	0	0	0	0
06-00	359	2	343	13	0	0	0	0	1	0	0	0	0	0
00-00	366	2	350	13	0	0	0	0	1	0	0	0	0	0

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**15 April 2013**  
**Ath/12/027**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	5	0	5	0	0	0	0	0	0	0	0	0	0	0
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	4	0	3	0	0	0	0	0	1	0	0	0	0	0
0600	6	0	5	1	0	0	0	0	0	0	0	0	0	0
0700	23	0	18	3	0	1	0	0	1	0	0	0	0	0
0800	55	0	48	5	0	0	0	0	0	0	0	2	0	0
0900	30	0	28	0	1	1	0	0	0	0	0	0	0	0
1000	28	0	23	2	0	1	0	0	1	1	0	0	0	0
1100	25	0	20	4	0	0	1	0	0	0	0	0	0	0
1200	35	1	28	4	0	1	0	0	0	1	0	0	0	0
1300	21	0	20	0	0	0	1	0	0	0	0	0	0	0
1400	20	1	18	1	0	0	0	0	0	0	0	0	0	0
1500	26	1	23	0	0	0	1	0	1	0	0	0	0	0
1600	46	0	41	3	1	0	0	0	1	0	0	0	0	0
1700	25	2	22	0	0	0	0	0	1	0	0	0	0	0
1800	19	0	17	2	0	0	0	0	0	0	0	0	0	0
1900	24	0	23	1	0	0	0	0	0	0	0	0	0	0
2000	22	0	22	0	0	0	0	0	0	0	0	0	0	0
2100	14	0	13	1	0	0	0	0	0	0	0	0	0	0
2200	6	0	6	0	0	0	0	0	0	0	0	0	0	0
2300	5	0	4	1	0	0	0	0	0	0	0	0	0	0
07-19	353	5	306	24	2	4	3	0	5	2	0	2	0	0
06-22	419	5	369	27	2	4	3	0	5	2	0	2	0	0
06-00	430	5	379	28	2	4	3	0	5	2	0	2	0	0
00-00	441	5	389	28	2	4	3	0	6	2	0	2	0	0



**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

16 April 2013  
Ath/12/027

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	7	0	6	1	0	0	0	0	0	0	0	0	0	0
0100	3	0	2	0	1	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	2	0	1	1	0	0	0	0	0	0	0	0	0	0
0600	8	0	6	1	0	0	1	0	0	0	0	0	0	0
0700	21	0	17	2	0	0	0	0	0	1	0	1	0	0
0800	61	0	57	3	0	1	0	0	0	0	0	0	0	0
0900	44	0	39	3	1	0	0	0	0	0	0	1	0	0
1000	18	0	17	1	0	0	0	0	0	0	0	0	0	0
1100	26	0	21	4	0	1	0	0	0	0	0	0	0	0
1200	19	0	18	0	0	0	0	0	1	0	0	0	0	0
1300	19	1	18	0	0	0	0	0	0	0	0	0	0	0
1400	32	0	31	1	0	0	0	0	0	0	0	0	0	0
1500	27	0	24	0	0	0	1	0	2	0	0	0	0	0
1600	32	0	28	2	2	0	0	0	0	0	0	0	0	0
1700	31	2	28	0	0	0	0	0	1	0	0	0	0	0
1800	24	0	19	4	0	0	0	0	1	0	0	0	0	0
1900	31	1	28	2	0	0	0	0	0	0	0	0	0	0
2000	28	0	26	2	0	0	0	0	0	0	0	0	0	0
2100	8	0	8	0	0	0	0	0	0	0	0	0	0	0
2200	3	0	3	0	0	0	0	0	0	0	0	0	0	0
2300	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	354	3	317	20	3	2	1	0	5	1	0	2	0	0
06-22	429	4	385	25	3	2	2	0	5	1	0	2	0	0
06-00	434	4	390	25	3	2	2	0	5	1	0	2	0	0
00-00	446	4	399	27	4	2	2	0	5	1	0	2	0	0

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

17 April 2013  
Ath/12/027

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
0000	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	0	0	0	0	1	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	10	0	8	2	0	0	0	0	0	0	0	0	0	0
0700	19	0	15	2	0	1	0	0	1	0	0	0	0	0
0800	53	0	48	4	0	0	0	0	1	0	0	0	0	0
0900	32	0	27	5	0	0	0	0	0	0	0	0	0	0
1000	20	0	18	1	0	0	1	0	0	0	0	0	0	0
1100	30	0	28	1	0	0	0	0	0	1	0	0	0	0
1200	27	0	26	0	0	0	0	0	1	0	0	0	0	0
1300	21	0	20	0	0	1	0	0	0	0	0	0	0	0
1400	29	0	25	3	0	0	1	0	0	0	0	0	0	0
1500	27	0	23	3	1	0	0	0	0	0	0	0	0	0
1600	33	0	32	0	1	0	0	0	0	0	0	0	0	0
1700	30	0	28	1	0	0	0	0	1	0	0	0	0	0
1800	26	0	20	5	0	0	0	0	1	0	0	0	0	0
1900	23	0	21	2	0	0	0	0	0	0	0	0	0	0
2000	19	0	19	0	0	0	0	0	0	0	0	0	0	0
2100	23	0	23	0	0	0	0	0	0	0	0	0	0	0
2200	8	0	6	0	1	0	1	0	0	0	0	0	0	0
2300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07-19	347	0	310	25	2	2	2	0	5	1	0	0	0	0
06-22	422	0	381	29	2	2	2	0	5	1	0	0	0	0
06-00	431	0	388	29	3	2	3	0	5	1	0	0	0	0
00-00	434	0	390	29	3	2	4	0	5	1	0	0	0	0

**ABACUS TRANSPORTATION SURVEYS**

Ballyragget Traffic Counts  
Automatic Traffic Counts

Site 01 - Southbound

Week Comm.:

11 April 2013  
Ath/12/027

TIME PERIOD	11 April 2013	12 April 2013	13 April 2013	14 April 2013	15 April 2013	16 April 2013	17 April 2013
0000	1	1	3	3	5	7	2
0100	1	1	4	2	2	3	0
0200	1	1	0	1	0	0	0
0300	0	0	1	0	0	0	1
0400	0	0	0	0	0	0	0
0500	1	2	0	1	4	2	0
0600	10	5	4	1	6	8	10
0700	22	24	11	6	23	21	19
0800	48	55	23	11	55	61	53
0900	39	35	26	41	30	44	32
1000	25	19	37	18	28	18	20
1100	30	26	39	24	25	26	30
1200	24	29	29	20	35	19	27
1300	22	14	34	25	21	19	21
1400	42	45	39	45	20	32	29
1500	20	42	35	18	26	27	27
1600	36	31	27	27	46	32	33
1700	32	33	32	22	25	31	30
1800	24	41	25	36	19	24	26
1900	24	40	10	24	24	31	23
2000	22	26	30	21	22	28	19
2100	8	20	11	12	14	8	23
2200	7	8	9	4	6	3	8
2300	2	5	7	4	5	2	1
<b>07-19</b>	<b>364</b>	<b>394</b>	<b>357</b>	<b>293</b>	<b>353</b>	<b>354</b>	<b>347</b>
<b>06-22</b>	<b>428</b>	<b>485</b>	<b>412</b>	<b>351</b>	<b>419</b>	<b>429</b>	<b>422</b>
<b>06-00</b>	<b>437</b>	<b>498</b>	<b>428</b>	<b>359</b>	<b>430</b>	<b>434</b>	<b>431</b>
<b>00-00</b>	<b>441</b>	<b>503</b>	<b>436</b>	<b>366</b>	<b>441</b>	<b>446</b>	<b>434</b>

**ABACUS TRANSPORTATION SURVEYS**

**Ballyragget Traffic Counts**  
Automatic Traffic Counts

**Site 01 - Southbound**

**Week Comm: 11 April 2013**  
**Ath/12/027**

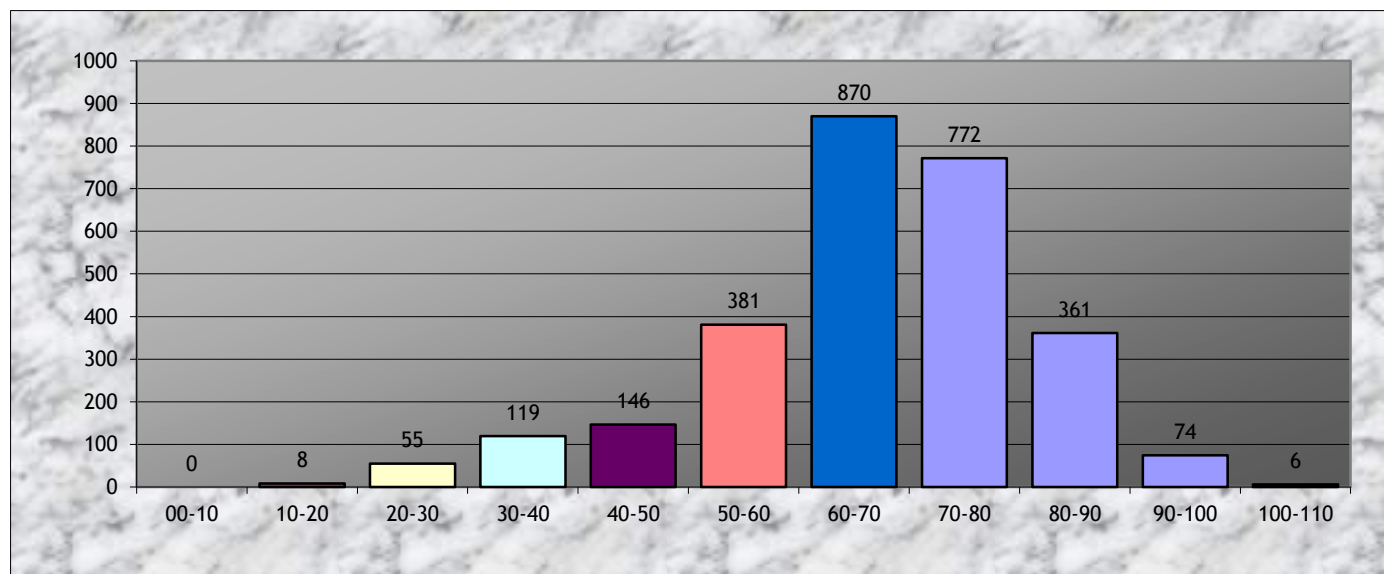
**Profile:**

Filter time: 00:00 11 April 2013 => 23:59 17 April 2013  
 Speed range: 0 - 200 km/h.  
 Separation: Greater than 4.00 seconds. - (Headway)  
 Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

Vehicles = 2792  
 Maximum = 103.8 km/h, Minimum = 12.1 km/h, Mean = 66.5 km/h  
 85% Speed = 80.3 km/h, 95% Speed = 86.8 km/h, Median = 68.0 km/h  
 20 km/h Pace = 59 - 79, Number in Pace = 1662 (59.53%)  
 Variance = 204.85, Standard Deviation = 14.31 km/h

**Speed Bins:**

Speed	Bin	
	No.	%
KPH		
00-10	0	0.0
10-20	8	0.3
20-30	55	2.0
30-40	119	4.3
40-50	146	5.2
50-60	381	13.6
60-70	870	31.2
70-80	772	27.7
80-90	361	12.9
90-100	74	2.7
100-110	6	0.2



# Classification Schemes

## Scheme F Classification Scheme (Non-metric)

Scheme F is an attempt to implement the FWHA's visual classification scheme as an axle-based classification scheme. This is one of several interpretations.

Class	Vehicle Type	No. of Axles	Axle spacing in feet				
			Axle 1 to 2	Axle 2 to 3	Axle 3 to 4	Axle 4 to 5	Axle 5 to 6
1	motorcycle	2	<6.0				
2	passenger car	2	6.0 - 10.0				
	car + 1 axle trailer	3	<10.0	10.0 - 18.0			
	car + 2 axle trailer	4	<10.0		<3.5		
3	pickup	2	10.0 - 15.0				
	pickup + 1 axle trailer	3	10.0 - 15.0	10.0 - 18.0			
	pickup + 2 axle trailer	4	10.0 - 15.0		<3.5		
	pickup + 3 axle trailer	5	9.9 - 15.0			<3.5	
4	bus	2	>20.0				
	bus	3	>19.0				
5	single unit truck - dual rear axle	2	14.9 - 20.0			<3.5	
6	3 axle truck	3		<18.0			
7	4 axle truck	4					
8	2S1	3		>18.0			
	2S2	4		>5.0	>3.5		
	3S1	4		<5.0	>10.0		
9	3S2	5		<6.1		3.5 - 8.0	
	5 axle combination	5					
10	6 axle combination	6			3.5 - 5.0		
	3S3	6					
11	2S1-2	5		>6.0			
12	3S1-2	6					>10.0
13	truck	7 or more					