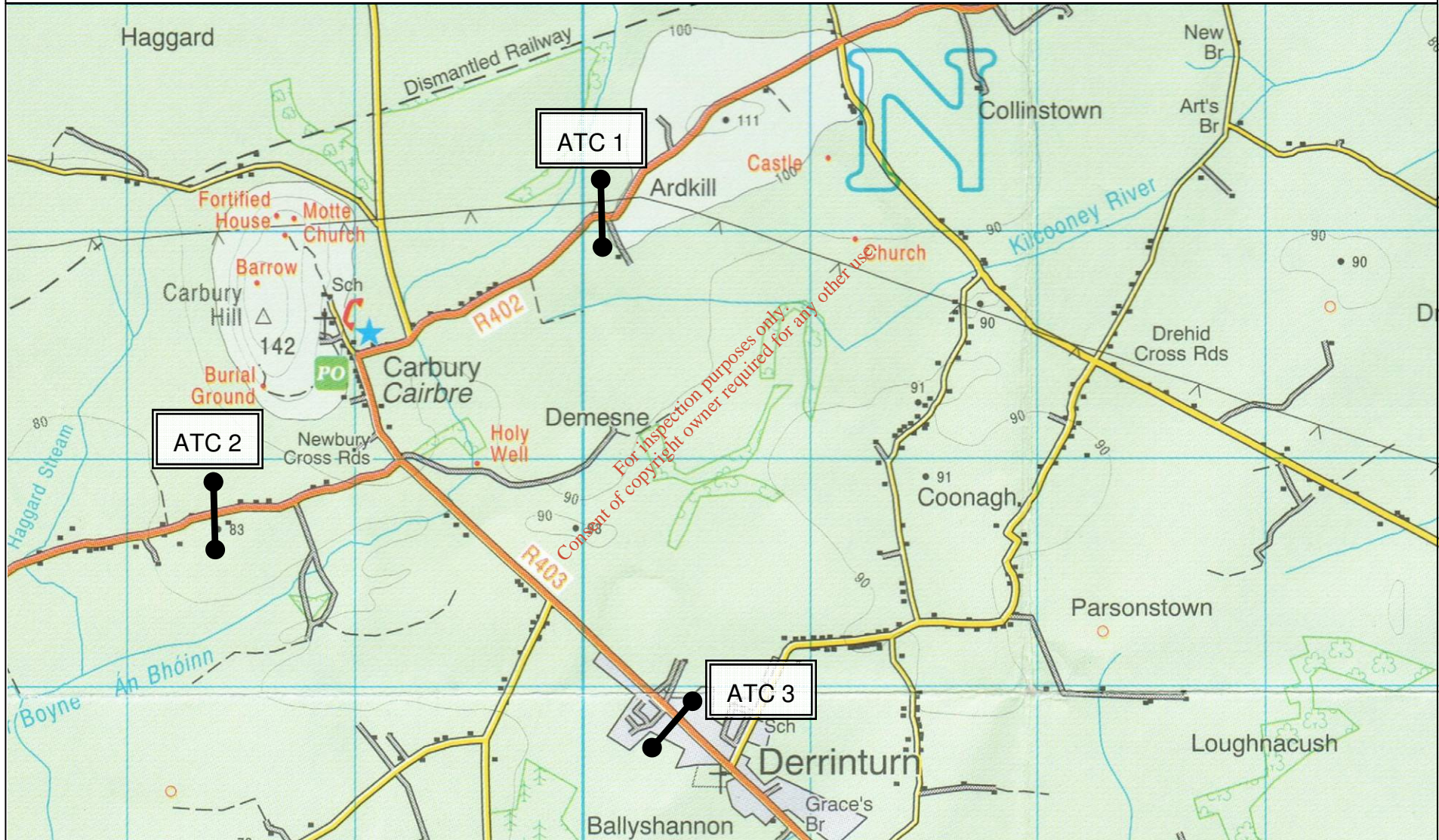


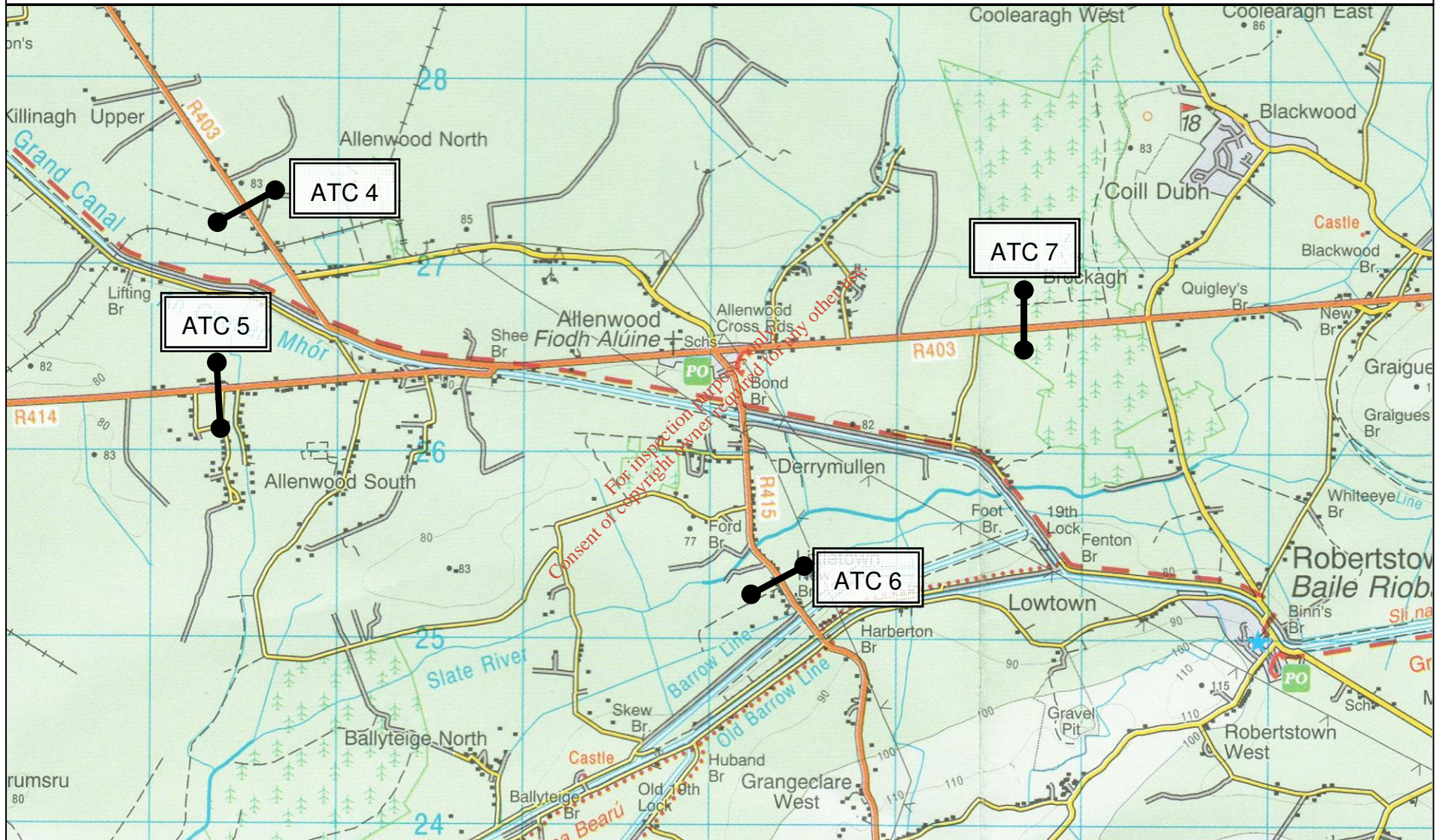
ATC Locations




	Job number: ATH/12/005	Job date: Week Commencing 28 th January 2012	Drawing No: ATH/12/005 -ATC
	Client: Tobin		Author: SPW

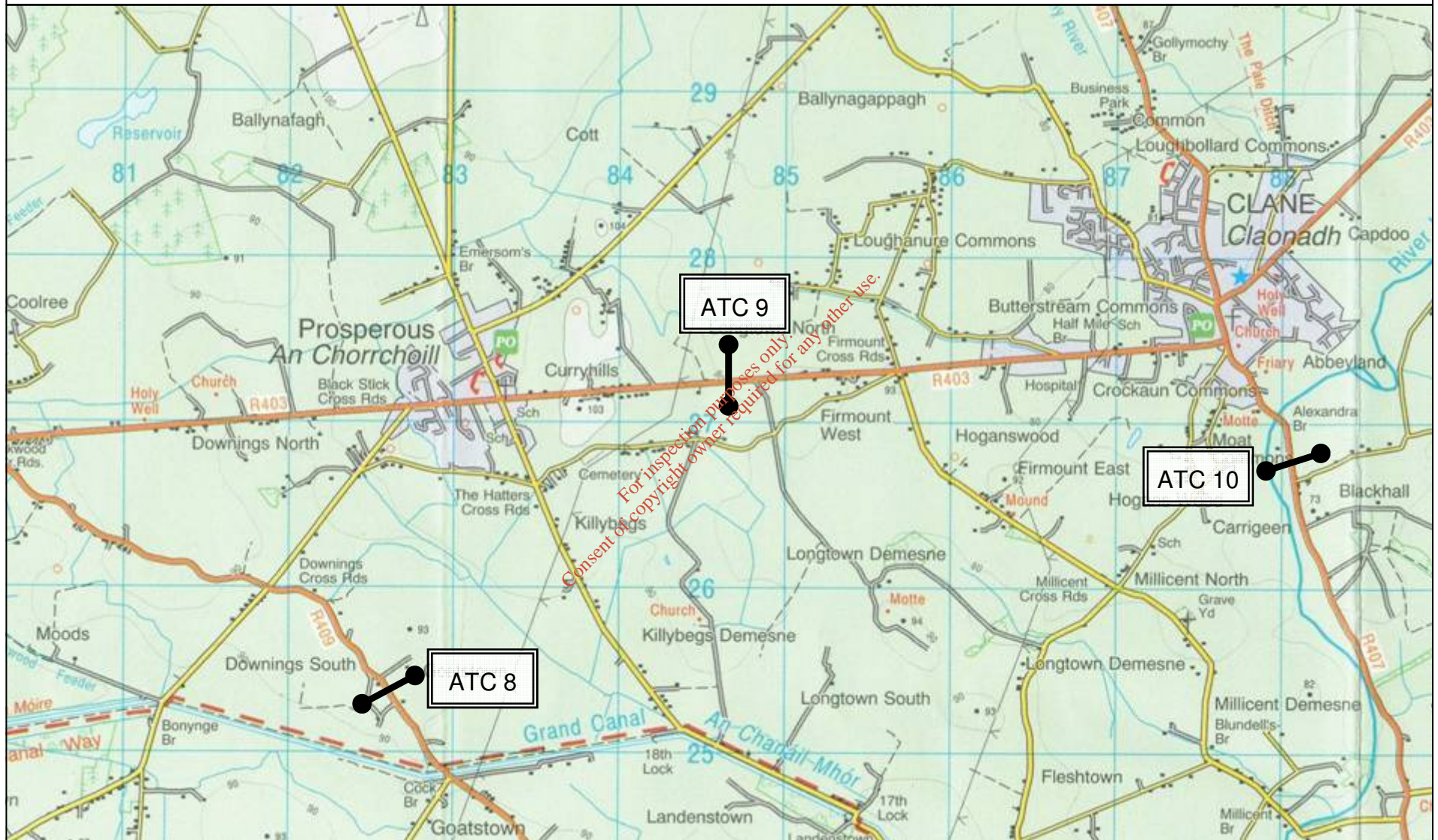




ATC Locations



	Job number: ATH/12/005	Job date: Week Commencing 28 th January 2012	Drawing No: ATH/12/005 -ATC	
	Client: Tobin		Author: SPW	

ATC Locations



	Job number: ATH/12/005	Job date: Week Commencing 28 th January 2012	Drawing No: ATH/12/005 -ATC	
	Client: Tobin		Author: SPW	

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

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	R402 east of Carbury	Eastbound	28/01/2012	03/02/2012	10568	1677	1510	73.8	142.6	12.3	65.5
01		Westbound	28/01/2012	03/02/2012	10653	1677	1522	75.6	114.4	4.1	66.5

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Eastbound	07-19	930	764	1212	1278	1371	1301	1325
Westbound	07-19	901	751	1213	1354	1382	1327	1391
Eastbound	06-22	1100	918	1479	1564	1637	1576	1609
Westbound	06-22	1122	943	1426	1594	1635	1599	1650
Eastbound	06-00	1141	946	1503	1593	1667	1607	1648
Westbound	06-00	1170	969	1478	1659	1684	1660	1711
Eastbound	00-00	1192	989	1587	1672	1740	1666	1722
Westbound	00-00	1232	1038	1516	1699	1719	1698	1751

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 01 Eastbound

Week Comm.: 28 January 2012
Ath/12/005

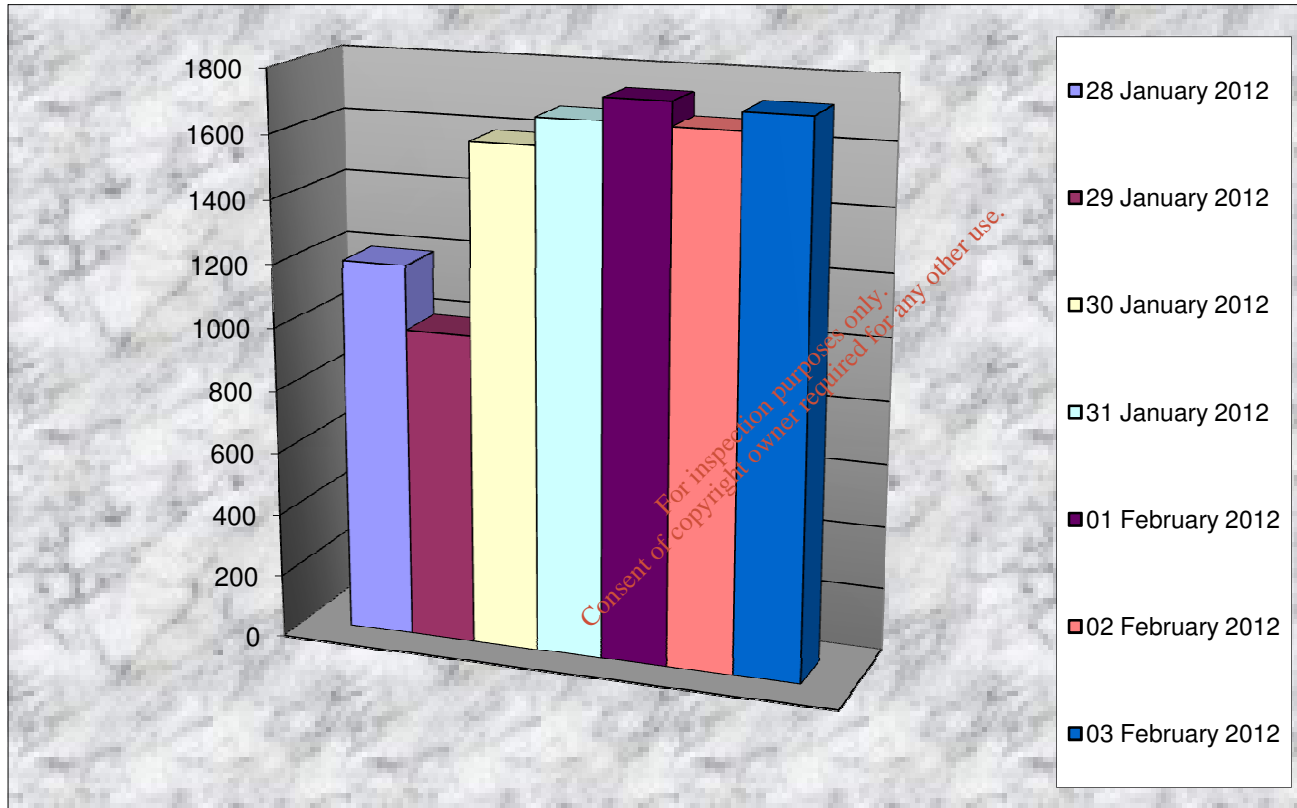
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0400	8	7	15	18	11	9	11
0500	25	11	54	47	46	37	52
0600	44	17	165	162	158	158	147
0700	40	20	192	214	206	218	180
0800	64	28	190	183	208	213	210
0900	77	46	103	112	119	108	119
1000	60	45	73	98	86	88	81
1100	87	55	89	56	99	83	87
1200	115	96	76	78	100	83	86
1300	83	88	67	81	90	78	69
1400	88	75	90	89	109	85	89
1500	74	78	73	81	76	94	102
1600	91	77	84	104	95	85	117
1700	62	78	89	89	99	83	104
1800	89	78	86	93	84	83	81
1900	62	52	45	58	43	49	76
2000	39	46	26	46	29	31	38
2100	25	39	31	20	36	37	23
2200	25	20	15	20	21	21	24
2300	16	8	9	9	9	10	15
07-19	930	764	1212	1278	1371	1301	1325
06-22	1100	918	1479	1564	1637	1576	1609
06-00	1141	946	1503	1593	1667	1607	1648
00-00	1192	989	1587	1672	1740	1666	1722

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 01 Eastbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 01 Westbound

Week Comm.: 28 January 2012
Ath/12/005

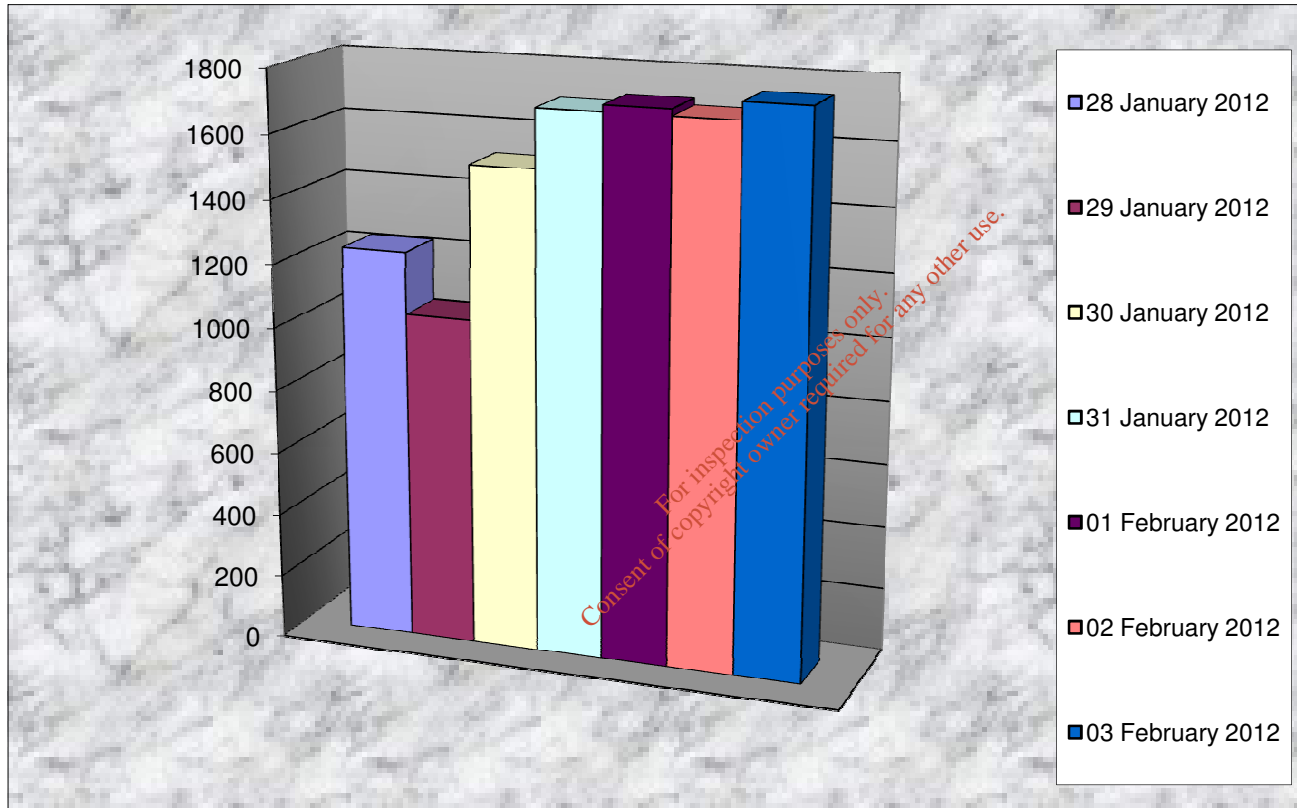
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0400	7	8	3	2	8	3	6
0500	9	13	7	8	3	2	6
0600	23	11	15	17	21	21	21
0700	30	22	43	40	47	49	48
0800	28	21	74	92	100	95	103
0900	59	27	65	79	76	75	82
1000	68	35	64	83	75	71	69
1100	76	72	62	72	81	82	72
1200	102	70	61	85	86	68	83
1300	77	68	86	77	79	88	95
1400	95	70	91	96	108	86	130
1500	115	90	105	109	129	126	165
1600	77	91	142	169	144	139	183
1700	77	87	204	232	237	221	188
1800	97	98	216	220	220	227	173
1900	100	89	105	115	136	129	134
2000	58	55	65	73	55	77	67
2100	40	37	28	35	41	45	37
2200	30	16	37	49	26	42	42
2300	18	10	15	16	23	19	19
07-19	901	751	1213	1354	1382	1327	1391
06-22	1122	943	1426	1594	1635	1599	1650
06-00	1170	969	1478	1659	1684	1660	1711
00-00	1232	1038	1516	1699	1719	1698	1751

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 01 Westbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

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	R402 West of Carbury	Eastbound	28/01/2012	03/02/2012	18135	2805	2591	82.4	125.2	12.7	72.6
02		Westbound	28/01/2012	03/02/2012	18190	2790	2599	81.4	123.8	9.5	71.6

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Eastbound	07-19	1838	1331	2050	2143	2171	2276	2300
Westbound	07-19	1835	1391	2097	2216	2190	2316	2372
Eastbound	06-22	2154	1605	2457	2610	2583	2749	2813
Westbound	06-22	2175	1713	2453	2613	2558	2741	2831
Eastbound	06-00	2227	1689	2507	2652	2643	2818	2883
Westbound	06-00	2254	1773	2534	2709	2650	2836	2930
Eastbound	00-00	2316	1795	2619	2765	2742	2904	2994
Westbound	00-00	2352	1886	2586	2767	2705	2894	3000

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 02 Eastbound

Week Comm.: 28 January 2012
Ath/12/005

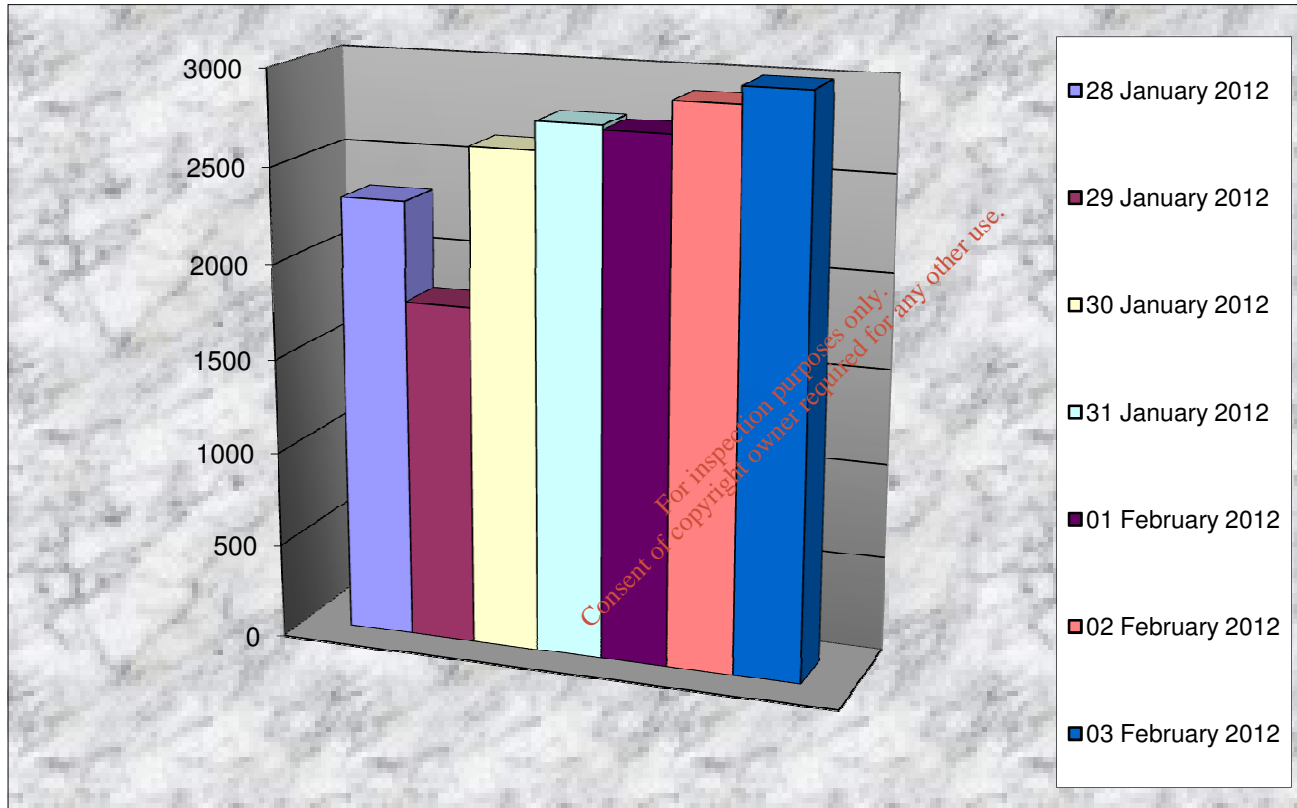
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0200	4	17	7	5	4	3	4
0300	4	12	6	5	10	7	8
0400	11	11	17	20	18	11	13
0500	39	35	71	68	59	56	75
0600	61	23	193	192	192	194	199
0700	56	35	248	264	275	271	237
0800	75	36	251	258	255	270	271
0900	110	53	166	187	195	179	183
1000	131	74	150	149	145	143	135
1100	190	107	161	142	150	168	170
1200	218	142	153	157	160	182	173
1300	224	172	160	153	180	177	167
1400	162	140	150	160	173	160	176
1500	169	135	143	138	148	166	174
1600	166	154	183	201	176	219	246
1700	180	154	147	181	162	191	194
1800	157	129	138	159	152	150	174
1900	111	104	89	119	96	119	150
2000	89	84	70	94	63	93	86
2100	55	63	55	62	61	67	78
2200	45	64	31	26	43	53	43
2300	28	20	19	16	17	16	27
07-19	1838	1331	2050	2143	2171	2276	2300
06-22	2154	1605	2457	2610	2583	2749	2813
06-00	2227	1689	2507	2652	2643	2818	2883
00-00	2316	1795	2619	2765	2742	2904	2994

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 02 Eastbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 02 Westbound

Week Comm.: 28 January 2012
Ath/12/005

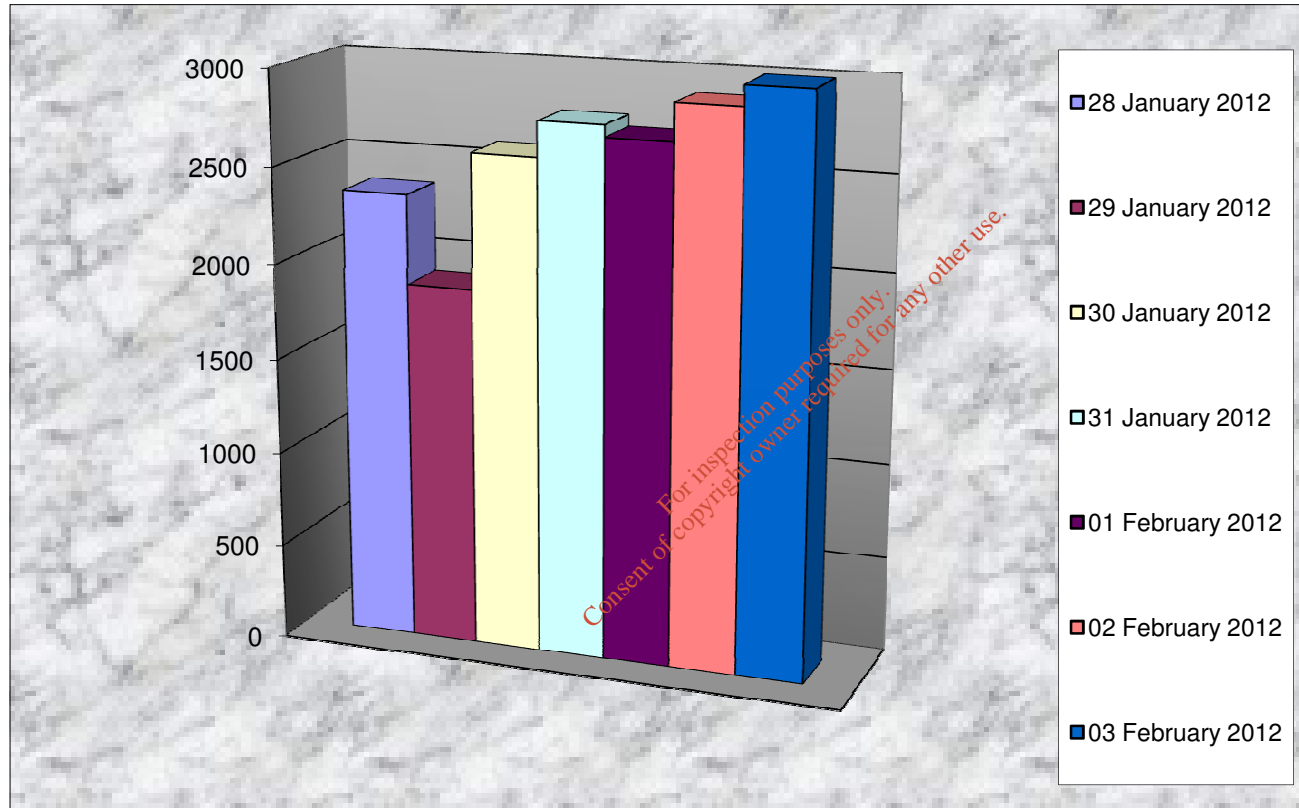
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0100	14	16	10	13	3	5	10
0200	17	25	3	6	7	13	9
0300	11	15	4	6	9	3	4
0400	10	13	5	3	10	4	8
0500	12	14	16	12	7	9	16
0600	26	13	26	28	23	24	34
0700	34	26	71	56	72	66	59
0800	47	47	145	157	171	167	155
0900	122	44	127	153	141	159	141
1000	176	72	155	169	141	170	164
1100	180	121	130	123	134	153	147
1200	179	135	148	155	164	160	173
1300	167	155	153	149	137	175	182
1400	181	150	183	159	161	165	196
1500	252	161	194	215	220	213	297
1600	172	157	233	267	218	222	295
1700	181	164	277	322	328	339	282
1800	144	159	281	291	303	327	281
1900	144	157	178	181	184	211	223
2000	98	84	93	107	89	124	117
2100	72	68	59	81	72	66	85
2200	54	38	47	65	58	65	72
2300	25	22	34	31	34	30	27
07-19	1835	1391	2097	2216	2190	2316	2372
06-22	2175	1713	2453	2613	2558	2741	2831
06-00	2254	1773	2534	2709	2650	2836	2930
00-00	2352	1886	2586	2767	2705	2894	3000

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 02 Westbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
03	R403 Derrinturn	Northbound	28/01/2012	03/02/2012	16573	2525	2368	69.5	108.5	5.5	60.4
03		Southbound	28/01/2012	03/02/2012	16382	2491	2340	70.6	119.0	9.1	60.9

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Northbound	07-19	1837	1281	1951	1988	2064	2142	2162
Southbound	07-19	1826	1235	1901	1983	2043	2109	2148
Northbound	06-22	2116	1534	2212	2345	2388	2489	2570
Southbound	06-22	2137	1478	2193	2347	2395	2491	2531
Northbound	06-00	2194	1593	2281	2419	2477	2577	2646
Southbound	06-00	2221	1546	2245	2389	2444	2554	2595
Northbound	00-00	2262	1684	2331	2460	2517	2619	2700
Southbound	00-00	2285	1640	2299	2437	2482	2593	2646

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 03 Northbound

Week Comm.: 28 January 2012
Ath/12/005

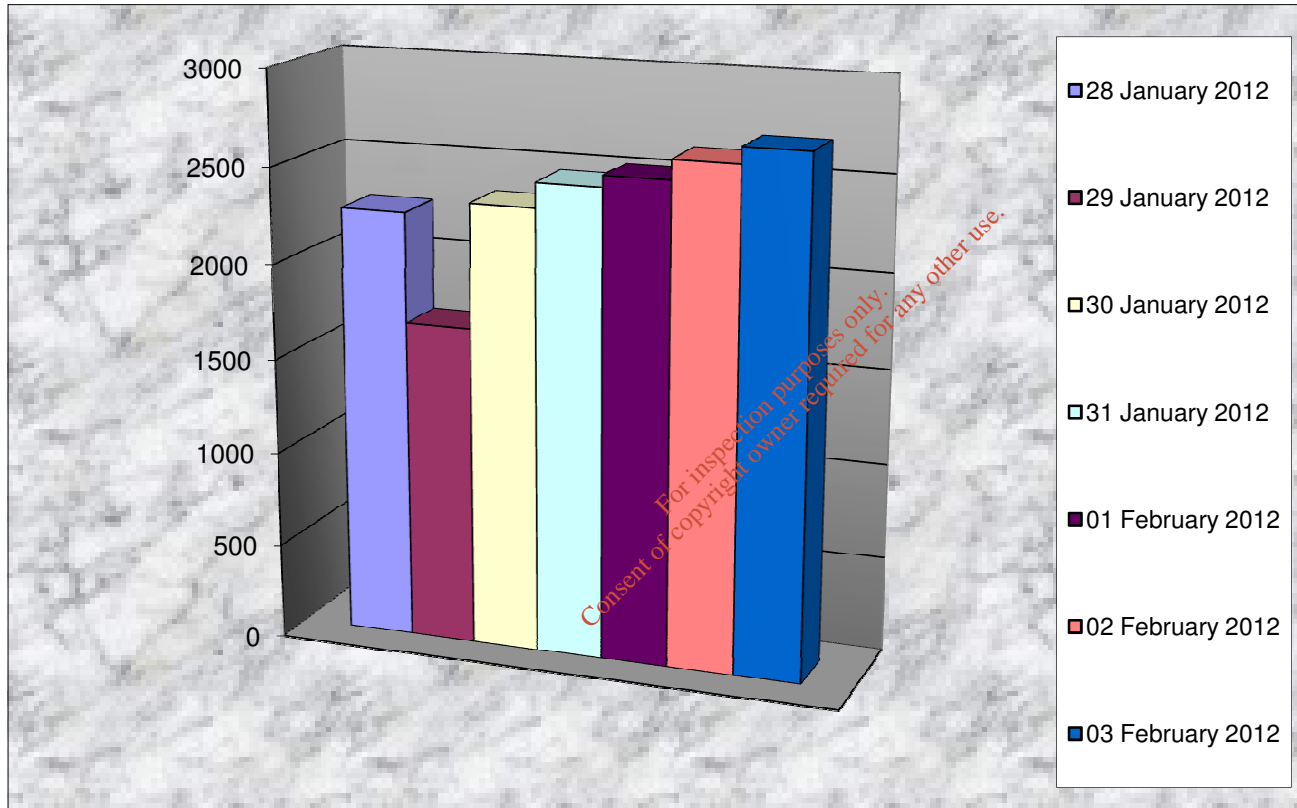
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0100	13	19	10	7	4	4	11
0200	8	21	2	5	3	6	6
0300	10	13	1	4	6	5	3
0400	7	11	5	2	5	2	2
0500	7	6	17	13	11	11	14
0600	12	4	23	33	27	25	34
0700	28	10	79	76	80	78	61
0800	60	53	140	138	153	140	148
0900	113	45	138	156	157	187	170
1000	175	59	146	151	161	159	165
1100	179	150	136	127	151	160	171
1200	184	123	185	167	161	204	183
1300	148	148	142	154	143	165	163
1400	251	142	159	159	161	176	178
1500	204	170	216	205	201	220	277
1600	198	138	191	222	194	184	211
1700	173	123	213	240	253	251	226
1800	124	120	206	193	249	218	209
1900	92	110	109	150	132	157	185
2000	113	74	67	80	90	98	114
2100	62	65	62	94	75	67	75
2200	52	30	43	46	63	60	51
2300	26	29	26	28	26	28	25
07-19	1837	1281	1951	1988	2064	2142	2162
06-22	2116	1534	2212	2345	2388	2489	2570
06-00	2194	1593	2281	2419	2477	2577	2646
00-00	2262	1684	2331	2460	2517	2619	2700

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 03 Northbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 03 Southbound

Week Comm.: 28 January 2012
Ath/12/005

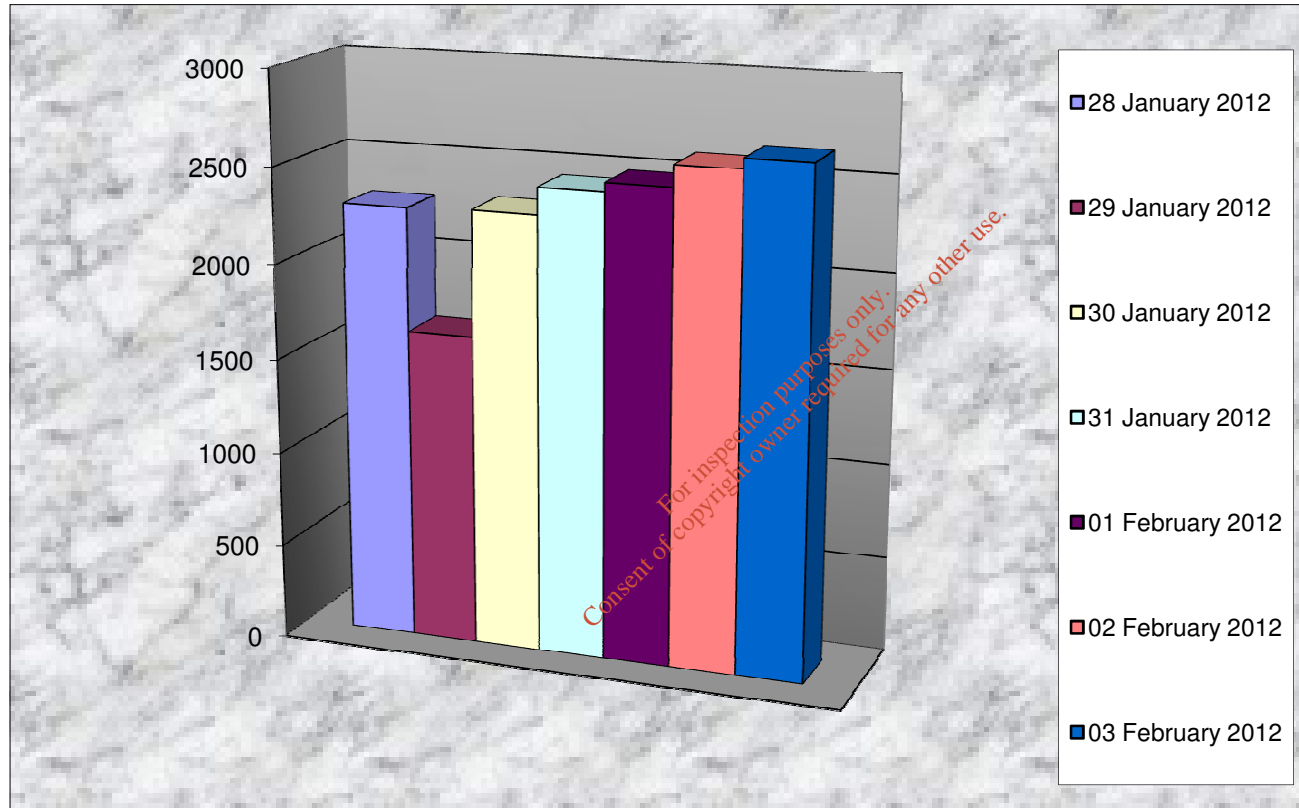
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0100	14	17	6	2	3	2	4
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0400	5	6	5	3	6	2	3
0500	24	27	25	29	20	22	32
0600	27	10	74	73	76	69	73
0700	42	47	141	150	152	162	144
0800	54	30	198	211	215	209	211
0900	101	34	188	196	212	220	222
1000	161	82	124	123	151	133	133
1100	175	127	153	143	149	158	148
1200	211	116	169	166	168	196	192
1300	279	138	155	158	151	182	165
1400	151	147	153	162	169	178	172
1500	183	125	162	149	150	151	179
1600	172	139	164	185	186	197	206
1700	165	136	156	171	159	178	201
1800	132	114	138	169	181	145	175
1900	126	91	84	127	131	141	135
2000	82	80	77	93	87	105	97
2100	76	62	57	71	58	67	78
2200	52	48	38	25	33	46	41
2300	32	20	14	17	16	17	23
07-19	1826	1235	1901	1983	2043	2109	2148
06-22	2137	1478	2193	2347	2395	2491	2531
06-00	2221	1546	2245	2389	2444	2554	2595
00-00	2285	1640	2299	2437	2482	2593	2646

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 03 Southbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
04	R403 Allenwood North	Northbound	28/01/2012	03/02/2012	13247	2084	1892	86	157.0	11.0	75.3
04		Southbound	28/01/2012	03/02/2012	13268	2087	1895	85.7	158.4	1.5	74.0

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Northbound	07-19	1244	917	1576	1647	1718	1725	1804
Southbound	07-19	1344	930	1637	1725	1779	1786	1814
Northbound	06-22	1447	1128	1819	1894	1984	1989	2092
Southbound	06-22	1526	1111	1852	1967	2046	2075	2095
Northbound	06-00	1508	1180	1873	1974	2082	2074	2182
Southbound	06-00	1572	1158	1885	1999	2085	2109	2151
Northbound	00-00	1578	1249	1913	2024	2128	2113	2242
Southbound	00-00	1616	1215	1928	2040	2126	2150	2193

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 04 Northbound

Week Comm.: 28 January 2012
Ath/12/005

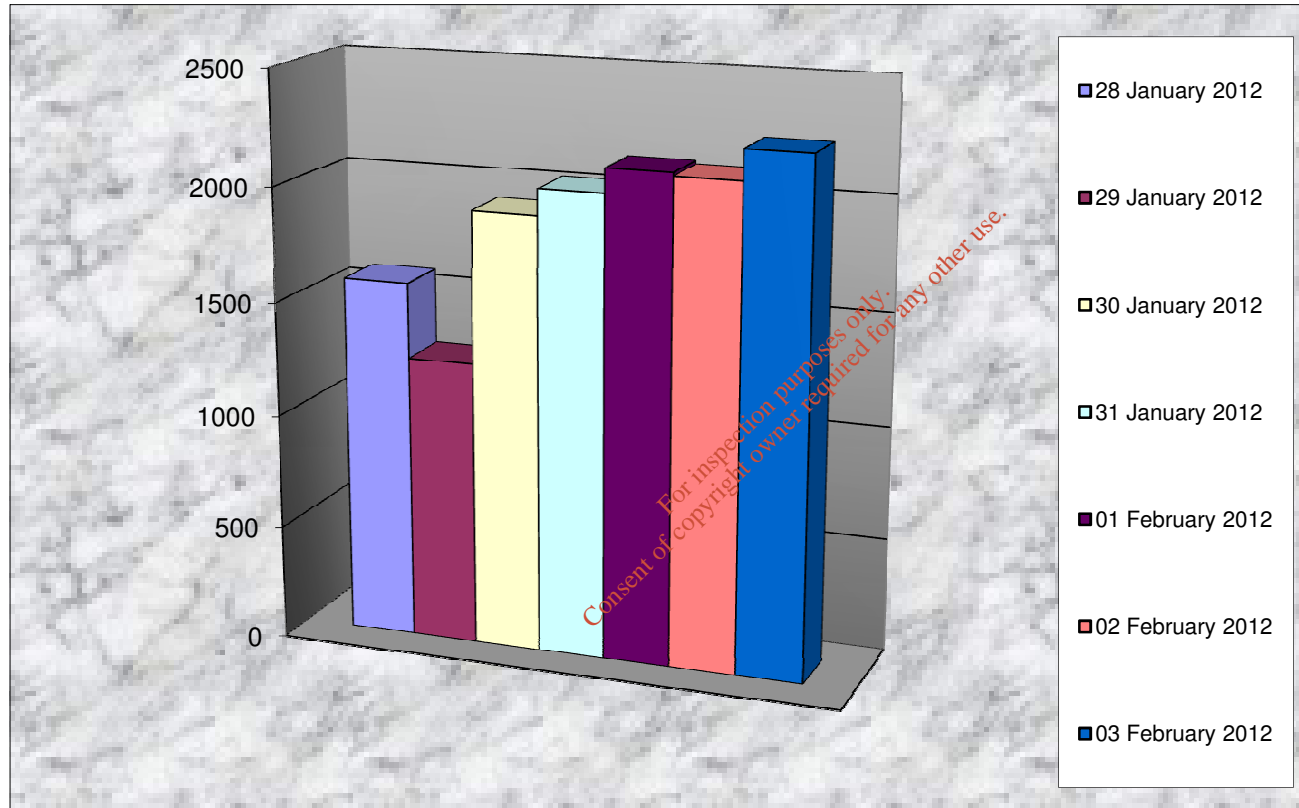
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0100	11	13	10	9	7	7	17
0200	9	20	2	6	7	7	6
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0400	11	10	7	2	4	4	5
0500	4	2	10	12	8	7	9
0600	9	7	13	12	18	16	17
0700	34	10	83	72	75	64	62
0800	46	21	84	88	100	85	102
0900	79	27	102	123	127	120	123
1000	102	56	76	94	99	104	116
1100	131	47	96	92	97	108	110
1200	132	98	127	126	117	136	144
1300	157	102	121	141	132	146	159
1400	101	114	147	135	143	152	161
1500	105	126	139	149	166	177	193
1600	132	103	200	192	188	212	207
1700	133	99	219	257	260	226	228
1800	92	114	182	178	214	195	199
1900	85	79	112	117	90	105	126
2000	68	75	50	61	90	67	89
2100	41	50	68	57	68	76	56
2200	31	33	35	49	75	53	60
2300	30	19	19	31	23	32	30
07-19	1244	917	1576	1647	1718	1725	1804
06-22	1447	1128	1819	1894	1984	1989	2092
06-00	1508	1180	1873	1974	2082	2074	2182
00-00	1578	1249	1913	2024	2128	2113	2242

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 04 Northbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 04 Southbound

Week Comm.: 28 January 2012
Ath/12/005

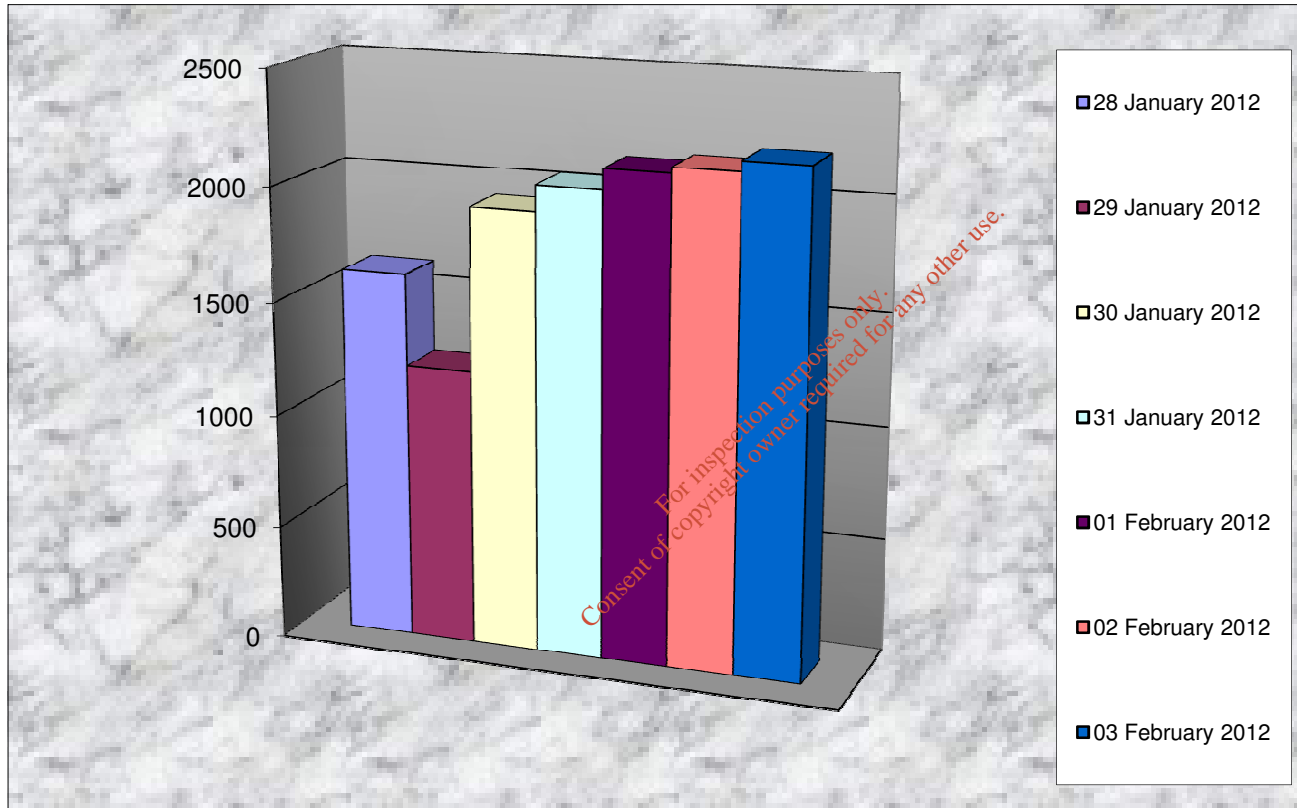
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0100	8	13	4	7	1	4	3
0200	4	14	2	3	2	0	1
0300	1	8	3	5	3	0	0
0400	6	4	8	4	7	7	7
0500	10	10	19	19	21	20	20
0600	29	10	80	95	89	91	94
0700	42	22	202	208	204	192	186
0800	74	27	222	250	245	242	249
0900	98	46	181	179	185	176	185
1000	136	53	98	126	123	120	114
1100	142	96	123	111	134	130	130
1200	134	99	123	117	118	128	132
1300	134	128	120	130	135	151	154
1400	141	110	116	121	125	118	132
1500	137	88	124	137	135	138	138
1600	117	93	100	126	141	138	143
1700	90	85	124	103	120	137	139
1800	99	83	104	117	114	116	112
1900	64	62	59	68	92	85	78
2000	56	60	48	41	57	68	66
2100	33	49	28	38	29	45	43
2200	29	37	20	19	20	21	35
2300	17	10	13	13	19	13	21
07-19	1344	930	1637	1725	1779	1786	1814
06-22	1526	1111	1852	1967	2046	2075	2095
06-00	1572	1158	1885	1999	2085	2109	2151
00-00	1616	1215	1928	2040	2126	2150	2193

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 04 Southbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
05	R414 West of Allenwood South	Eastbound	28/01/2012	03/02/2012	4944	759	706	78.1	127.7	7.6	66.0
05		Westbound	28/01/2012	03/02/2012	5044	780	721	85.7	158.4	1.5	74.0

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Eastbound	07-19	533	383	595	620	636	625	641
Westbound	07-19	500	364	596	582	619	623	628
Eastbound	06-22	618	444	685	710	736	728	738
Westbound	06-22	582	446	704	704	732	757	745
Eastbound	06-00	643	467	697	722	762	755	762
Westbound	06-00	611	476	738	741	780	784	787
Eastbound	00-00	662	488	717	745	777	774	781
Westbound	00-00	636	506	747	755	795	797	808

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 05 Eastbound

Week Comm.: 28 January 2012
Ath/12/005

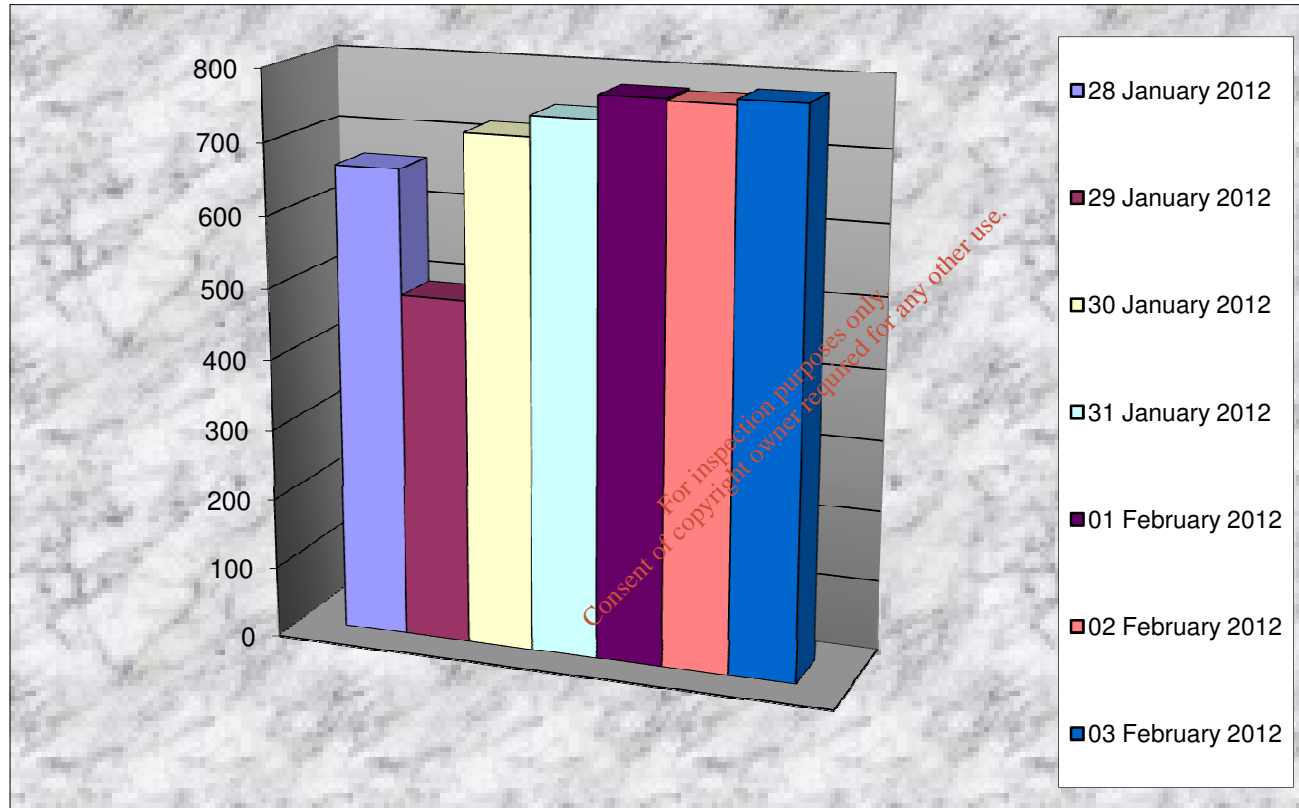
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1000	51	37	37	29	39	46	35
1100	51	45	27	47	37	41	48
1200	65	39	47	42	44	54	48
1300	52	41	56	48	48	51	53
1400	52	40	53	52	52	43	56
1500	51	46	34	45	52	53	49
1600	48	32	60	66	58	50	75
1700	38	28	45	56	59	53	53
1800	43	34	46	41	54	42	50
1900	35	22	30	47	40	40	37
2000	22	20	24	16	25	25	25
2100	20	16	15	11	13	24	22
2200	19	19	4	9	18	16	13
2300	6	4	8	3	8	11	11
07-19	533	383	595	620	636	625	641
06-22	618	444	685	710	736	728	738
06-00	643	467	697	722	762	755	762
00-00	662	488	717	745	777	774	781

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 05 Eastbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 05 Westbound

Week Comm.: 28 January 2012
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TIME PERIOD	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
0000	8	7	3	7	6	5	12
0100	9	10	1	3	3	3	1
0200	1	8	1	1	2	3	3
0300	4	2	0	0	1	0	1
0400	1	1	4	3	0	0	0
0500	2	2	0	0	3	2	4
0600	2	1	9	6	4	4	3
0700	10	2	16	17	19	14	16
0800	15	12	54	43	42	35	40
0900	18	12	50	55	55	54	45
1000	44	27	38	23	32	34	37
1100	40	27	33	30	35	41	41
1200	47	42	48	47	46	43	57
1300	56	49	56	39	44	49	57
1400	59	37	45	49	58	52	63
1500	55	44	52	64	66	66	60
1600	63	29	71	78	75	88	76
1700	59	39	69	71	83	78	66
1800	34	44	64	66	64	69	70
1900	36	33	50	54	52	60	60
2000	30	25	25	35	41	38	33
2100	14	23	24	27	16	32	21
2200	19	23	24	26	33	19	26
2300	10	7	10	11	15	8	16
07-19	500	364	596	582	619	623	628
06-22	582	446	704	704	732	757	745
06-00	611	476	738	741	780	784	787
00-00	636	506	747	755	795	797	808

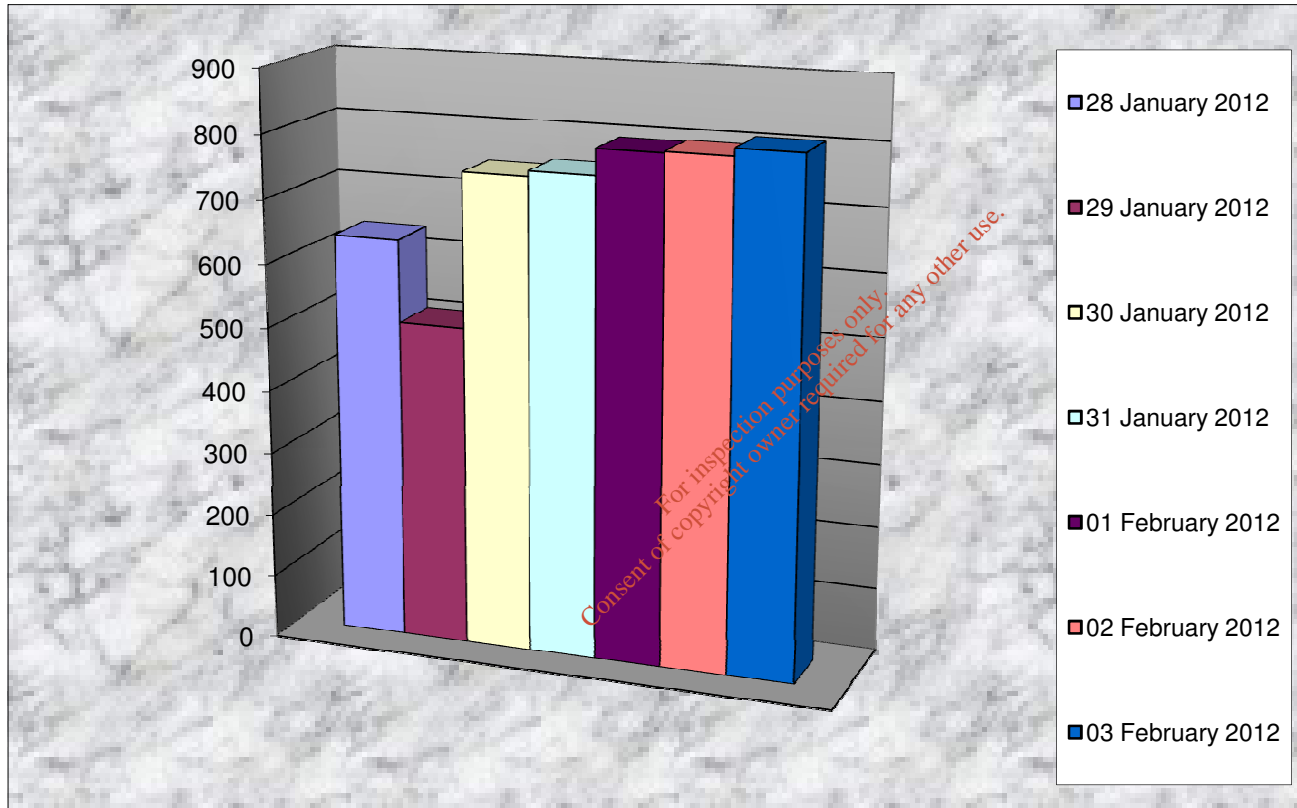
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ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 05 Westbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
06	R415 Littletown	Northbound	28/01/2012	03/02/2012	10656	1601	1522	76.3	138.8	14.0	64.9
06		Southbound	28/01/2012	03/02/2012	10784	1616	1541	75.2	155.1	8.0	64.8

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Northbound	07-19	1143	931	1170	1232	1291	1268	1402
Southbound	07-19	1158	968	1205	1314	1364	1314	1429
Northbound	06-22	1332	1092	1385	1465	1565	1494	1655
Southbound	06-22	1419	1115	1412	1538	1582	1551	1660
Northbound	06-00	1394	1141	1430	1525	1617	1559	1712
Southbound	06-00	1461	1156	1446	1576	1645	1589	1703
Northbound	00-00	1441	1210	1461	1559	1651	1591	1743
Southbound	00-00	1504	1202	1478	1603	1663	1609	1725

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 06 Northbound

Week Comm.: 28 January 2012
Ath/12/005

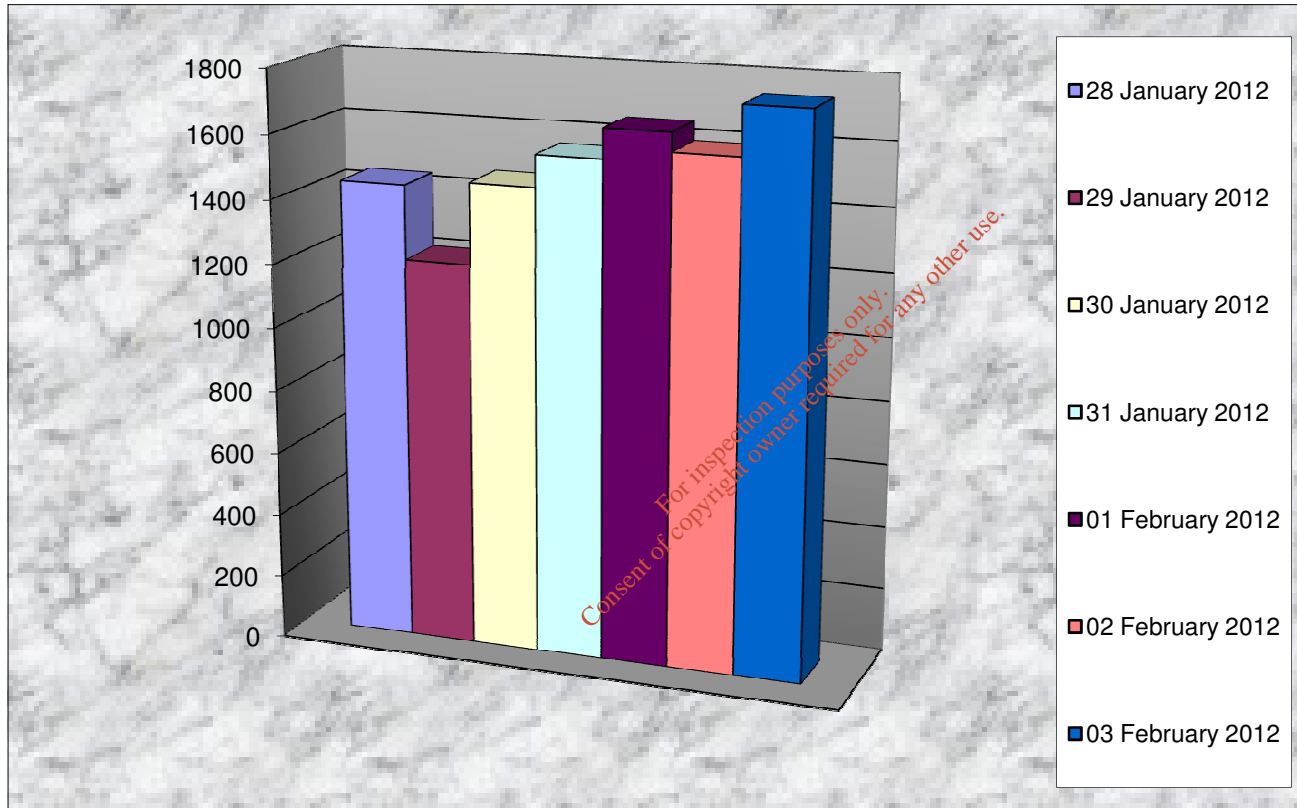
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0400	3	4	4	1	1	4	1
0500	3	2	4	7	6	6	7
0600	2	3	15	11	16	11	15
0700	16	8	50	43	49	57	48
0800	43	18	77	81	84	77	76
0900	60	43	93	118	130	108	106
1000	90	51	56	74	81	70	84
1100	99	76	87	66	101	80	87
1200	120	107	106	116	110	125	137
1300	96	119	98	89	95	106	111
1400	117	101	98	95	118	113	140
1500	128	113	111	129	104	98	149
1600	122	80	152	159	145	142	174
1700	128	114	133	153	153	166	165
1800	124	101	109	109	121	126	125
1900	68	68	91	94	102	77	104
2000	73	51	43	59	94	79	76
2100	46	39	66	69	62	59	58
2200	34	34	32	37	33	36	40
2300	28	15	13	23	19	29	17
07-19	1143	931	1170	1232	1291	1268	1402
06-22	1332	1092	1385	1465	1565	1494	1655
06-00	1394	1141	1430	1525	1617	1559	1712
00-00	1441	1210	1461	1559	1651	1591	1743

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 06 Northbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 06 Southbound

Week Comm.: 28 January 2012
Ath/12/005

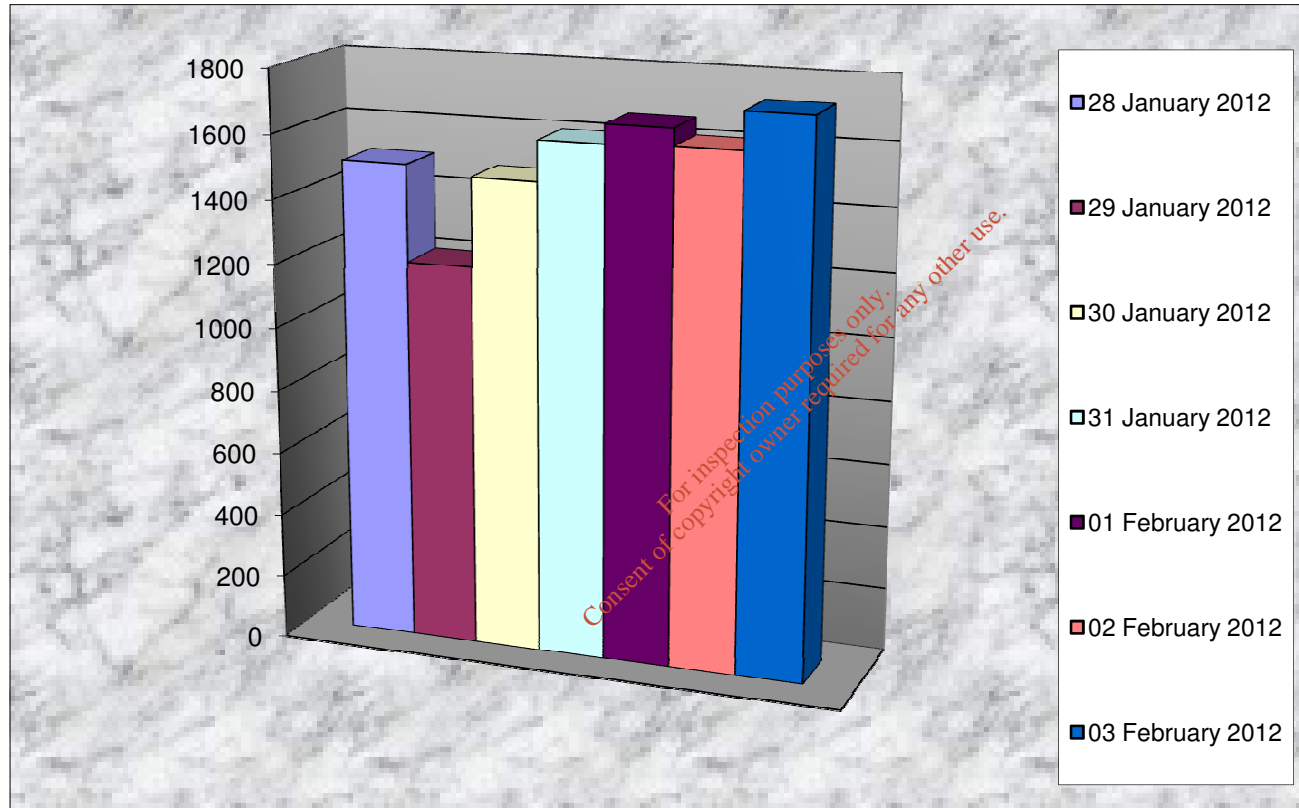
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0600	11	2	23	25	24	29	28
0700	24	8	82	95	86	92	83
0800	46	16	123	131	136	133	129
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1100	107	135	67	82	84	89	120
1200	130	93	81	108	102	99	92
1300	126	137	98	95	108	98	136
1400	108	107	108	107	100	105	117
1500	123	96	122	128	127	153	152
1600	127	79	85	127	112	100	114
1700	93	81	118	114	133	108	133
1800	84	77	91	97	113	99	120
1900	127	57	73	87	89	90	77
2000	53	58	58	52	60	60	80
2100	70	30	53	60	45	58	46
2200	25	32	28	23	46	24	30
2300	17	9	6	15	17	14	13
07-19	1158	968	1205	1314	1364	1314	1429
06-22	1419	1115	1412	1538	1582	1551	1660
06-00	1461	1156	1446	1576	1645	1589	1703
00-00	1504	1202	1478	1603	1663	1609	1725

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 06 Southbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
07	R403 East of Allenwood	Eastbound	28/01/2012	03/02/2012	19776	3106	2825	83.2	155.7	5.8	73.7
07		Westbound	28/01/2012	03/02/2012	19948	3130	2850	83.9	158.7	19.1	75.1

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Eastbound	07-19	2040	1350	2439	2572	2541	2524	2612
Westbound	07-19	1966	1327	2401	2522	2473	2483	2581
Eastbound	06-22	2364	1595	2817	3007	2935	2973	3068
Westbound	06-22	2279	1638	2801	2993	2953	2960	3054
Eastbound	06-00	2438	1654	2870	3067	3040	3036	3160
Westbound	06-00	2372	1708	2905	3118	3078	3073	3199
Eastbound	00-00	2508	1736	2939	3136	3124	3108	3225
Westbound	00-00	2475	1823	2945	3166	3147	3123	3269

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Eastbound

Week Comm.: 28 January 2012
Ath/12/005

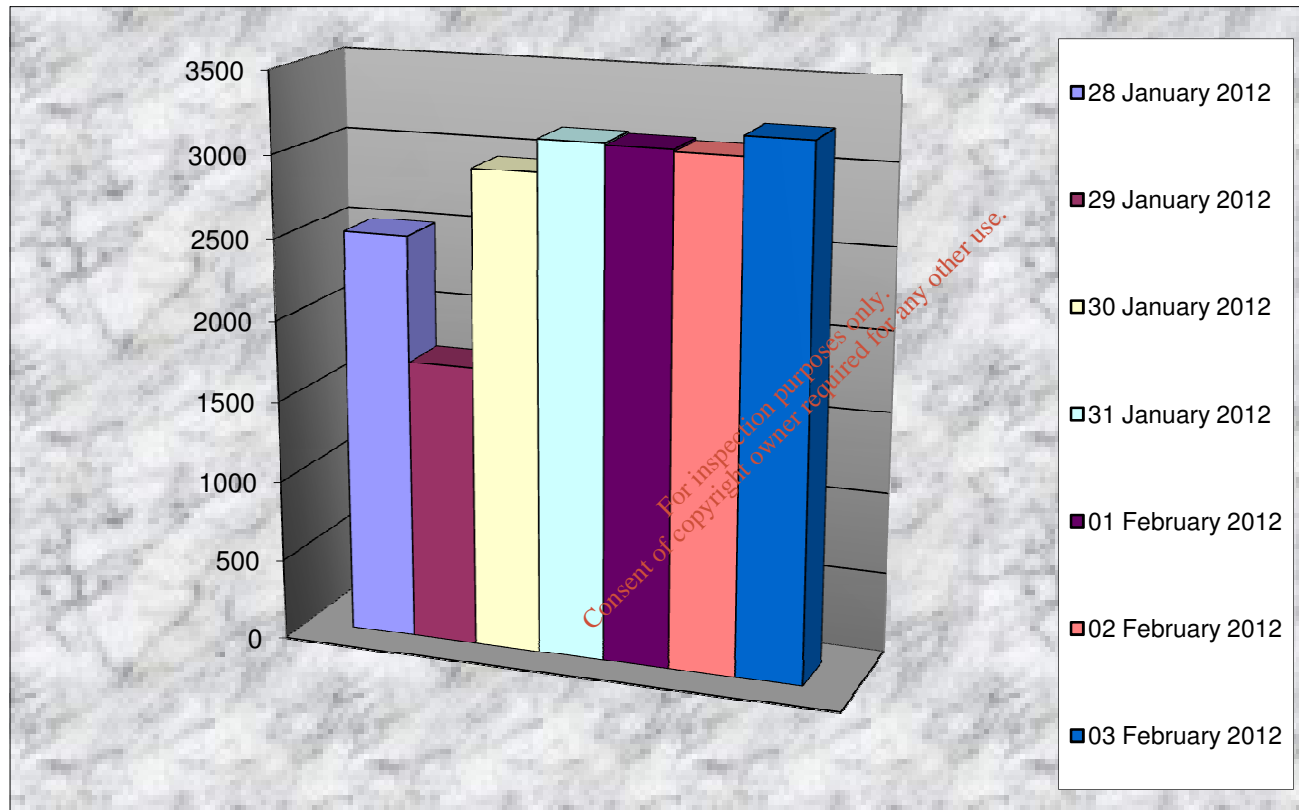
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0100	12	16	10	6	3	4	3
0200	8	20	6	5	5	4	2
0300	6	11	6	9	11	3	3
0400	6	6	11	7	11	13	9
0500	15	11	31	31	32	36	34
0600	36	20	117	128	123	115	121
0700	59	46	287	288	273	274	261
0800	105	43	333	370	365	374	343
0900	166	57	250	255	256	248	258
1000	195	86	159	172	162	179	167
1100	206	124	173	167	205	197	182
1200	222	133	183	180	182	178	188
1300	178	167	204	188	180	181	228
1400	213	155	166	206	169	165	191
1500	217	138	202	213	217	213	207
1600	166	144	173	204	194	163	211
1700	172	133	165	173	188	198	222
1800	141	124	144	156	150	154	154
1900	143	86	119	144	122	128	152
2000	83	81	81	90	92	119	104
2100	62	58	61	73	57	87	79
2200	45	45	33	40	76	39	51
2300	29	14	20	20	29	24	41
07-19	2040	1350	2439	2572	2541	2524	2612
06-22	2364	1595	2817	3007	2935	2973	3068
06-00	2438	1654	2870	3067	3040	3036	3160
00-00	2508	1736	2939	3136	3124	3108	3225

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Eastbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Westbound

Week Comm.: 28 January 2012
Ath/12/005

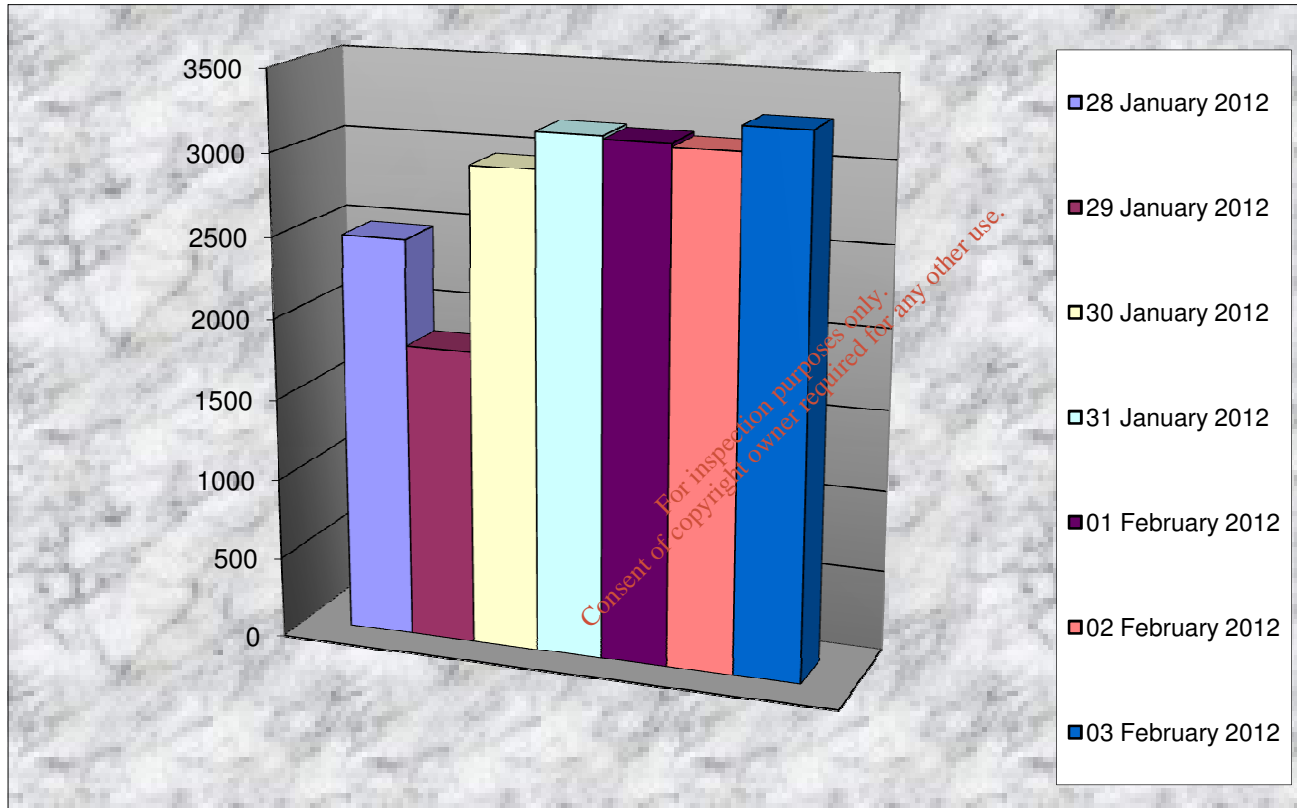
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0400	11	13	8	6	7	5	5
0500	3	3	5	5	8	8	9
0600	6	6	19	19	14	15	16
0700	29	8	66	64	72	65	64
0800	48	46	135	162	139	136	142
0900	121	43	179	174	187	206	176
1000	146	70	130	151	136	134	153
1100	159	74	152	150	153	155	181
1200	223	147	177	212	173	168	182
1300	217	156	191	201	194	215	259
1400	205	159	209	232	197	230	244
1500	224	188	225	220	264	221	256
1600	216	138	308	300	280	301	296
1700	180	146	322	381	373	345	345
1800	198	152	307	275	305	307	283
1900	135	128	169	188	176	182	191
2000	95	116	116	141	169	143	153
2100	77	61	96	123	121	137	113
2200	52	51	69	82	82	74	95
2300	41	19	35	43	43	39	50
07-19	1966	1327	2401	2522	2473	2483	2581
06-22	2279	1638	2801	2993	2953	2960	3054
06-00	2372	1708	2905	3118	3078	3073	3199
00-00	2475	1823	2945	3166	3147	3123	3269

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Westbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
08	R409 Goatstown	Northbound	28/01/2012	03/02/2012	10280	1613	1469	73.4	118.9	9.4	64.5
08		Southbound	28/01/2012	03/02/2012	10755	1686	1536	77	119.7	19.1	68.8

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Northbound	07-19	963	767	1245	1304	1389	1239	1346
Southbound	07-19	1131	805	1412	1482	1507	1441	1443
Northbound	06-22	1112	912	1453	1525	1638	1466	1591
Southbound	06-22	1278	915	1586	1650	1698	1625	1602
Northbound	06-00	1148	951	1496	1589	1684	1527	1641
Southbound	06-00	1315	942	1607	1663	1730	1647	1633
Northbound	00-00	1201	1016	1521	1617	1710	1552	1663
Southbound	00-00	1338	989	1636	1696	1759	1678	1659

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Northbound

Week Comm.: 28 January 2012
Ath/12/005

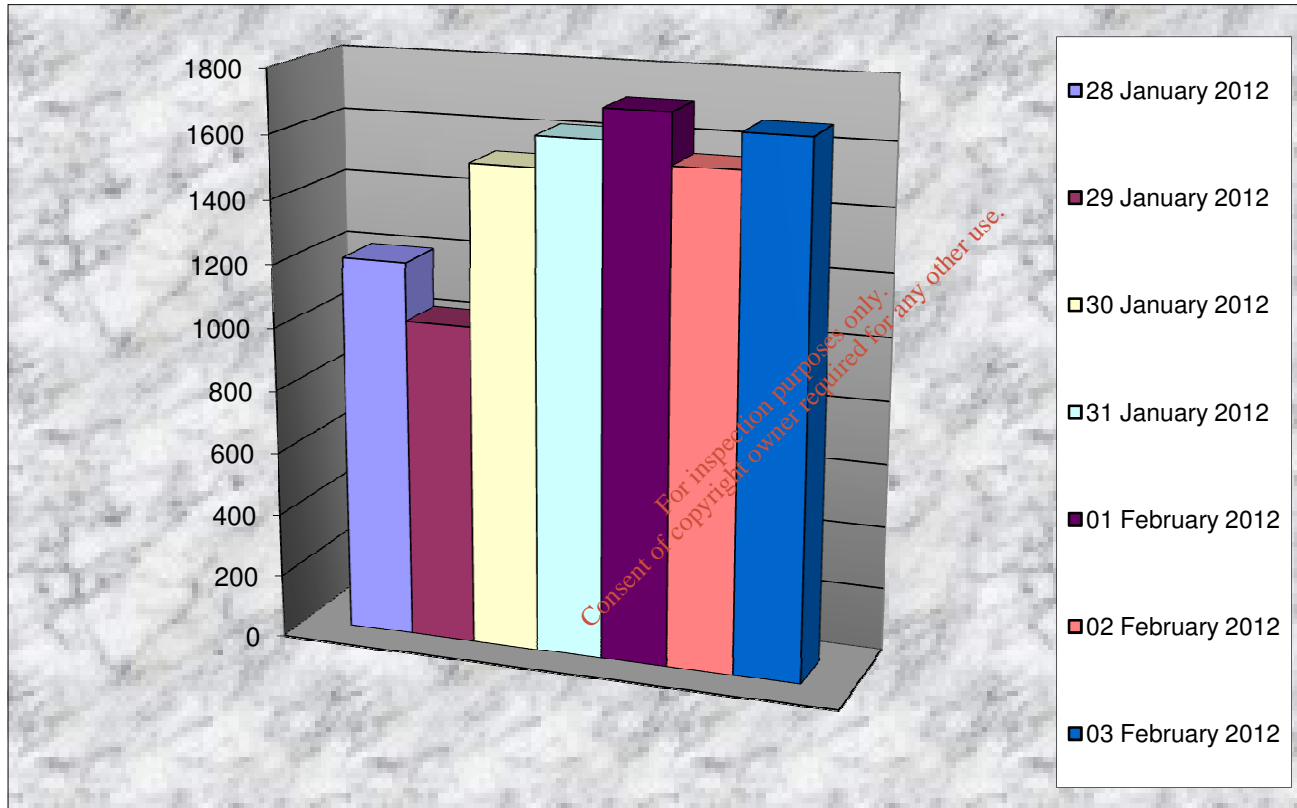
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0200	9	14	1	3	6	3	5
0300	11	8	2	2	3	2	2
0400	4	6	3	1	1	0	0
0500	3	4	2	4	3	2	0
0600	6	2	8	9	8	10	14
0700	19	4	41	39	37	48	53
0800	29	17	66	77	78	68	63
0900	39	27	60	73	79	69	82
1000	75	25	69	65	74	61	65
1100	82	44	68	66	96	72	84
1200	99	75	96	91	92	90	96
1300	102	93	95	90	94	82	115
1400	100	104	93	102	126	107	123
1500	112	98	117	128	119	105	140
1600	109	99	151	163	161	155	169
1700	107	107	243	255	246	235	222
1800	90	74	146	155	187	147	134
1900	67	48	83	87	94	82	100
2000	41	59	63	69	82	71	70
2100	35	36	54	56	65	64	61
2200	22	24	27	41	32	44	30
2300	14	15	16	23	14	17	20
07-19	963	767	1245	1304	1389	1239	1346
06-22	1112	912	1453	1525	1638	1466	1591
06-00	1148	951	1496	1589	1684	1527	1641
00-00	1201	1016	1521	1617	1710	1552	1663

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Northbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Southbound

Week Comm.: 28 January 2012
Ath/12/005

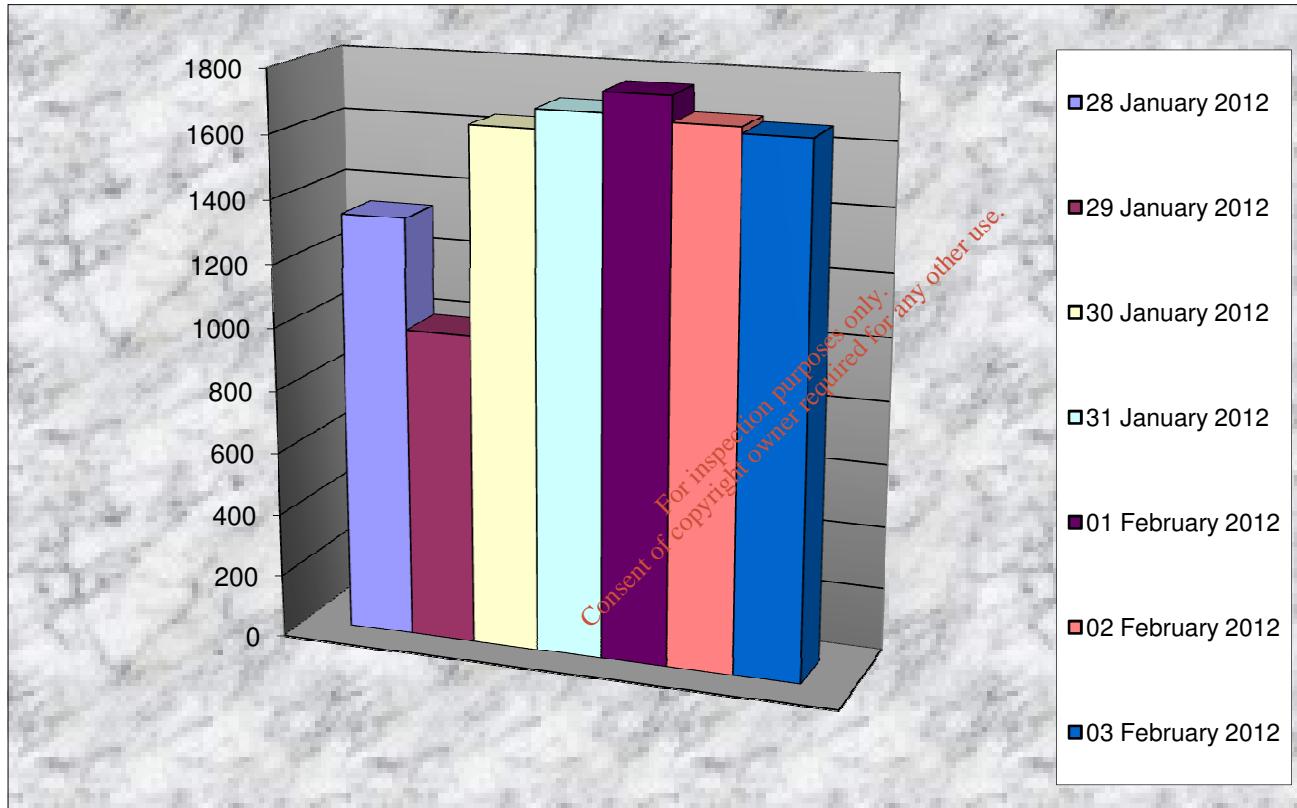
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0200	3	10	2	1	1	1	1
0300	4	7	0	3	1	0	2
0400	1	3	4	6	6	6	4
0500	5	5	16	13	13	14	14
0600	17	6	48	44	49	39	37
0700	35	10	144	163	153	145	138
0800	67	44	263	259	275	282	256
0900	103	52	172	184	181	154	164
1000	124	49	105	106	119	109	104
1100	116	79	84	92	98	114	88
1200	128	97	79	84	91	82	84
1300	102	113	96	91	84	85	95
1400	99	95	98	109	88	87	90
1500	114	95	100	94	104	95	111
1600	103	71	88	88	113	90	109
1700	86	58	97	111	100	113	102
1800	54	42	88	101	101	85	102
1900	55	44	66	63	76	61	57
2000	41	39	40	38	35	42	40
2100	34	21	20	23	31	42	25
2200	19	21	17	5	27	11	19
2300	18	6	4	8	5	11	12
07-19	1131	805	1412	1482	1507	1441	1443
06-22	1278	915	1586	1650	1698	1625	1602
06-00	1315	942	1607	1663	1730	1647	1633
00-00	1338	989	1636	1696	1759	1678	1659

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 07 Southbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
09	R403 East of Prosperous	Eastbound	28/01/2012	03/02/2012	25675	3965	3668	78.5	146.0	5.0	69.0
09		Westbound	28/01/2012	03/02/2012	27993	4327	3999	81.4	162.3	8.2	71.7

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Eastbound	07-19	2729	1964	3046	3224	3159	3322	3346
Westbound	07-19	2808	2091	3463	3506	3311	3431	3480
Eastbound	06-22	3160	2274	3574	3738	3730	3923	3915
Westbound	06-22	3308	2469	4077	4139	4012	4105	4115
Eastbound	06-00	3267	2340	3648	3821	3841	3990	4023
Westbound	06-00	3446	2576	4234	4295	4184	4298	4278
Eastbound	00-00	3374	2477	3744	3931	3942	4080	4127
Westbound	00-00	3599	2761	4282	4359	4255	4362	4375

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 09 Eastbound

Week Comm.: 28 January 2012
Ath/12/005

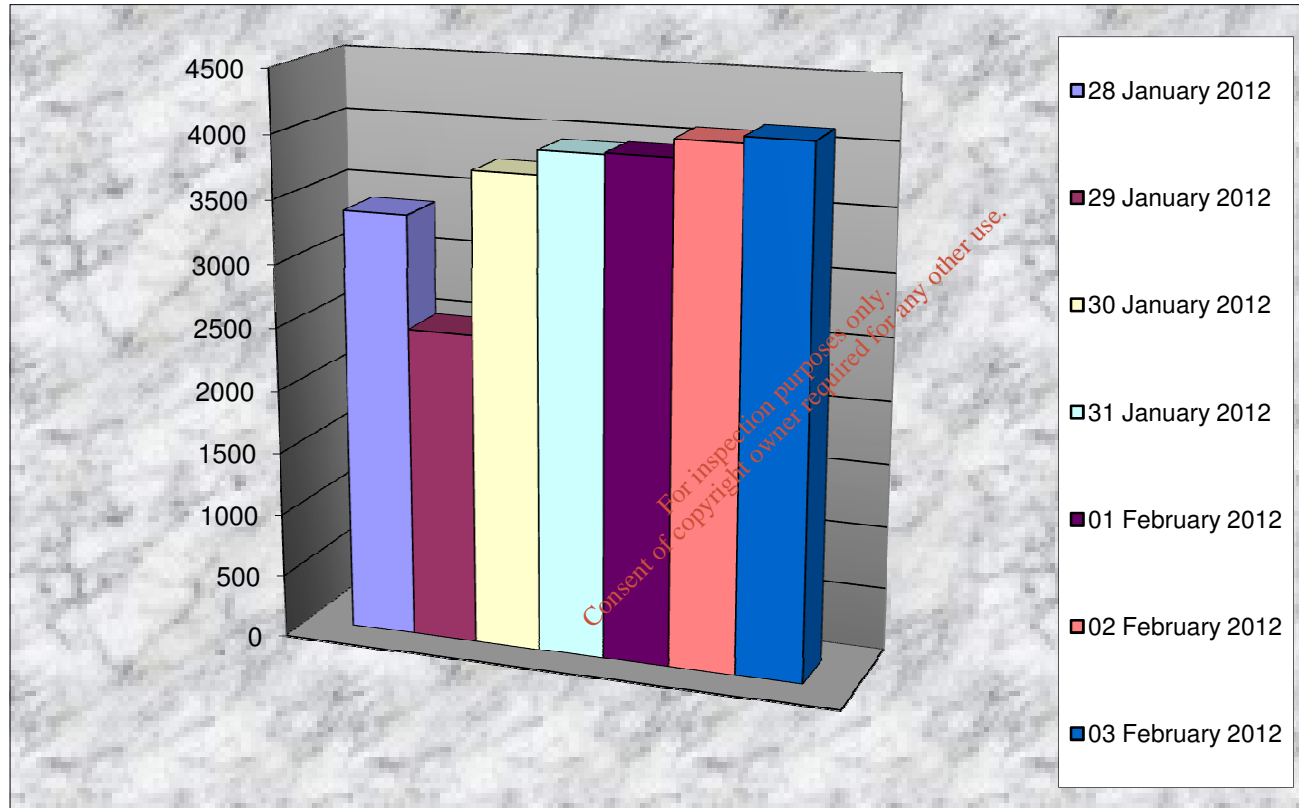
TIME PERIOD	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
0000	26	36	10	13	13	19	21
0100	23	32	8	9	5	5	7
0200	13	27	8	7	7	6	6
0300	9	15	11	10	8	6	10
0400	12	12	15	14	16	10	10
0500	24	15	44	57	52	44	50
0600	56	36	177	169	164	179	167
0700	91	50	339	380	367	397	352
0800	122	41	438	466	477	474	450
0900	215	85	276	290	289	307	308
1000	262	132	203	222	228	268	242
1100	283	169	243	226	228	228	268
1200	271	250	235	237	204	194	249
1300	260	231	224	218	184	260	284
1400	266	246	192	231	230	232	286
1500	307	242	289	309	289	284	280
1600	233	177	220	215	215	229	242
1700	228	172	223	220	237	201	203
1800	191	169	164	216	211	248	182
1900	157	122	174	173	198	202	162
2000	137	99	95	90	109	122	135
2100	81	53	82	82	100	98	105
2200	61	35	46	45	85	43	58
2300	46	31	28	38	26	24	50
07-19	2729	1964	3046	3224	3159	3322	3346
06-22	3160	2274	3574	3738	3730	3923	3915
06-00	3267	2340	3648	3821	3841	3990	4023
00-00	3374	2477	3744	3931	3942	4080	4127

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 09 Eastbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 09 Westbound

Week Comm.: 28 January 2012
Ath/12/005

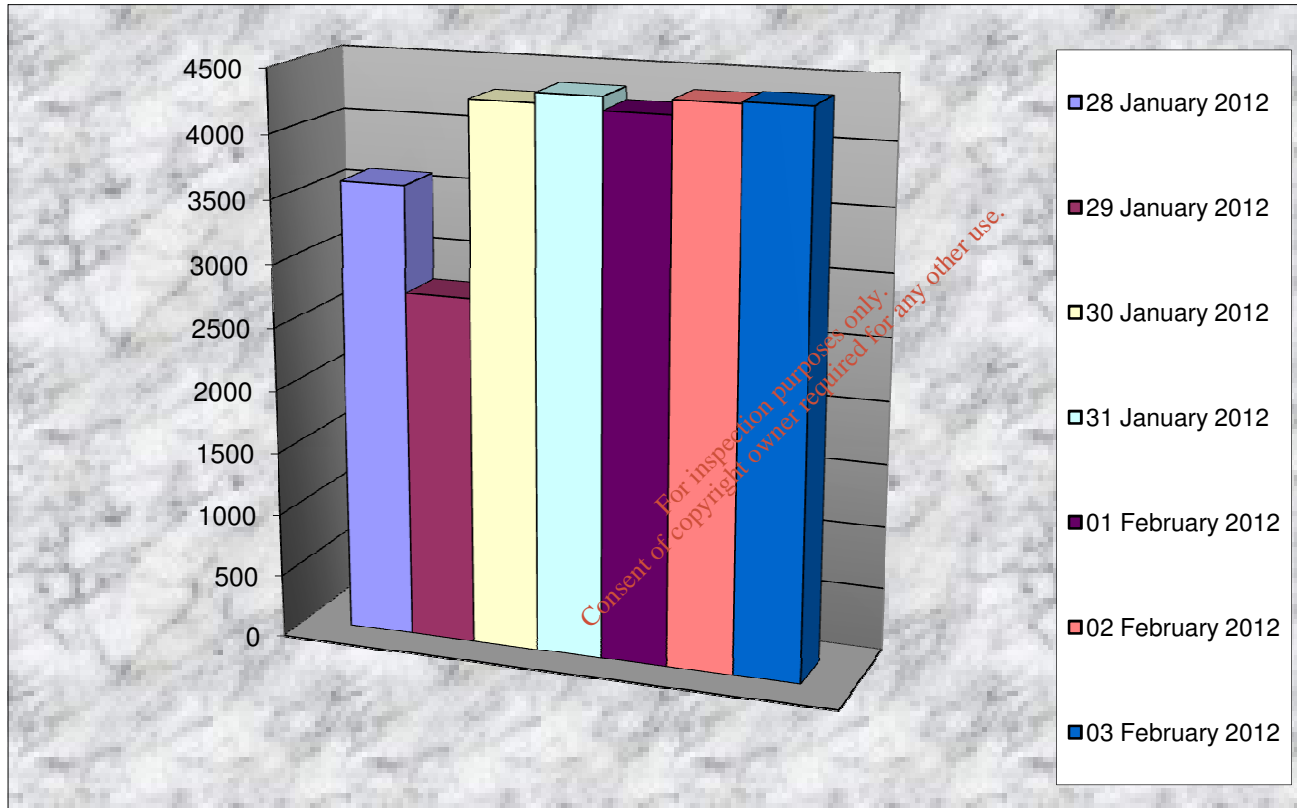
TIME PERIOD	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
0000	49	48	22	23	29	22	39
0100	34	52	9	11	11	14	17
0200	26	39	4	6	9	7	15
0300	23	22	3	11	7	6	9
0400	7	16	3	8	7	7	8
0500	14	8	7	5	8	8	9
0600	7	8	39	26	23	26	26
0700	37	15	92	95	89	112	83
0800	66	41	283	308	280	254	224
0900	151	69	210	226	191	200	200
1000	216	92	223	222	202	223	228
1100	245	132	248	238	231	288	236
1200	272	226	258	280	257	237	285
1300	309	261	280	294	256	283	389
1400	302	246	308	307	286	301	317
1500	338	285	295	312	337	307	346
1600	325	249	412	410	372	422	371
1700	303	251	456	449	444	412	457
1800	244	224	398	365	366	392	344
1900	227	163	248	239	276	257	270
2000	160	143	168	204	245	230	187
2100	106	64	159	164	157	161	152
2200	82	64	116	110	102	123	95
2300	56	43	41	46	70	70	68
07-19	2808	2091	3463	3506	3311	3431	3480
06-22	3308	2469	4077	4139	4012	4105	4115
06-00	3446	2576	4234	4295	4184	4298	4278
00-00	3599	2761	4282	4359	4255	4362	4375

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 09 Westbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Summary

Week Comm: 28 January 2012
Ath/12/005

Site	Location	Direction	Start Date	End Date	No. Vehicles	5 day Mean	7 day Mean	85%ile Speed	Max Speed	Min Speed	Mean Speed
10	R407 South of Clane	Northbound	28/01/2012	03/02/2012	40595	6294	5799	70.2	115.7	4.8	62.0
10		Southbound	28/01/2012	03/02/2012	39727	6110	5675	70.2	159.2	7.4	62.6

Volumetric Counts:

Direction	Time	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
Eastbound	07-19	3950	2972	4679	4863	5030	5160	5215
Westbound	07-19	4112	3070	4476	4802	5003	5023	5269
Eastbound	06-22	4583	3670	5518	5722	6021	6139	6125
Westbound	06-22	4763	3684	5247	5624	5810	5922	6113
Eastbound	06-00	4794	3800	5698	5931	6250	6417	6354
Westbound	06-00	4933	3801	5414	5825	6007	6180	6293
Eastbound	00-00	5043	4082	5836	6100	6408	6584	6542
Westbound	00-00	5141	4035	5565	5987	6160	6367	6472

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 10 Northbound

Week Comm.: 28 January 2012
Ath/12/005

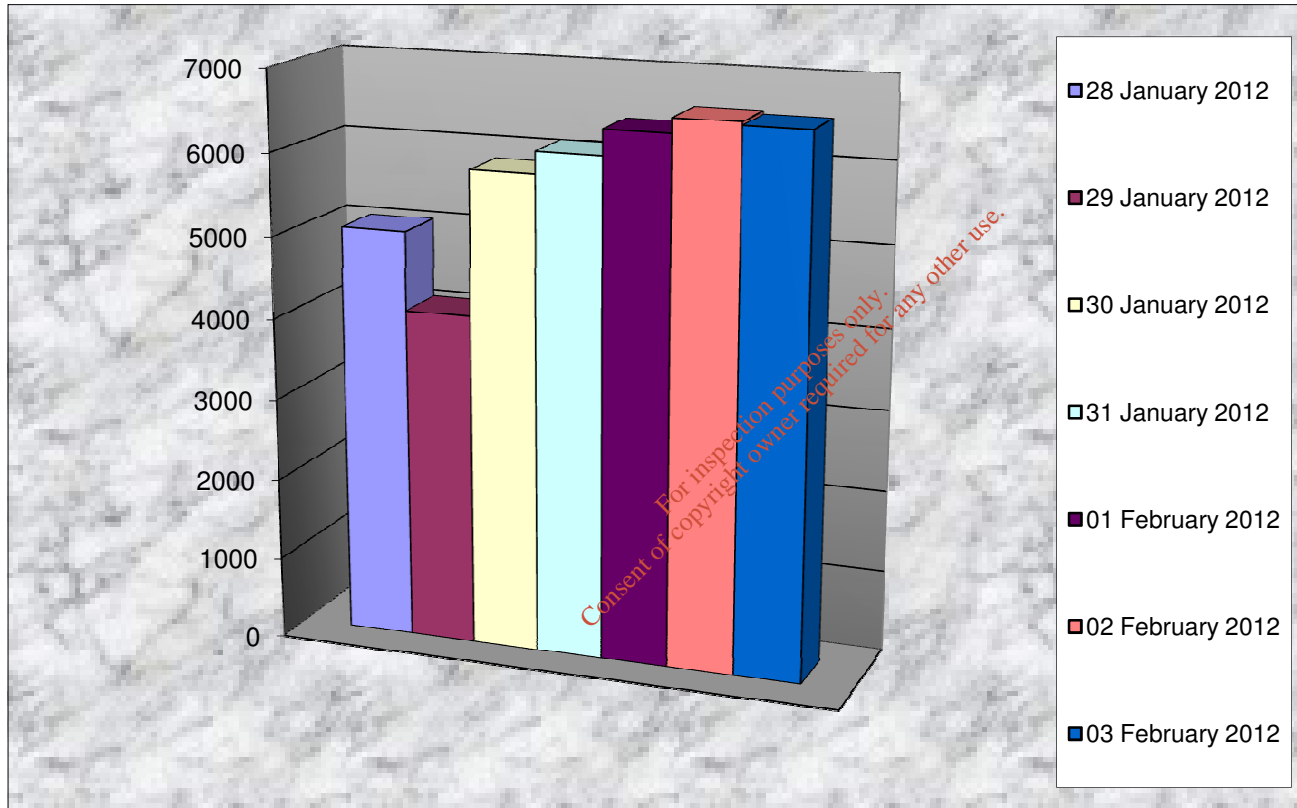
TIME PERIOD	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
0000	67	85	36	56	38	45	59
0100	60	65	22	16	25	27	32
0200	37	55	16	19	12	16	23
0300	34	38	12	23	13	14	16
0400	27	32	17	19	22	31	21
0500	24	7	35	36	48	34	37
0600	32	24	126	117	131	124	108
0700	82	45	305	313	320	351	315
0800	145	55	447	465	501	482	501
0900	221	96	325	395	380	418	355
1000	265	103	303	308	302	356	378
1100	353	215	306	354	331	358	354
1200	409	222	329	384	334	326	404
1300	415	322	358	351	411	379	389
1400	366	351	346	361	423	413	470
1500	456	379	467	448	482	486	485
1600	460	395	474	477	511	502	563
1700	447	436	544	537	522	576	552
1800	331	353	475	470	513	513	449
1900	271	301	326	354	407	374	325
2000	182	218	231	209	243	264	285
2100	148	155	156	179	210	217	192
2200	113	73	121	132	152	181	128
2300	98	57	59	77	77	97	101
07-19	3950	2972	4679	4863	5030	5160	5215
06-22	4583	3670	5518	5722	6021	6139	6125
06-00	4794	3800	5698	5931	6250	6417	6354
00-00	5043	4082	5836	6100	6408	6584	6542

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 10 Northbound

Week Comm.: 28 January 2012
Ath/12/005



ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

Site 10 Southbound

Week Comm.: 28 January 2012
Ath/12/005

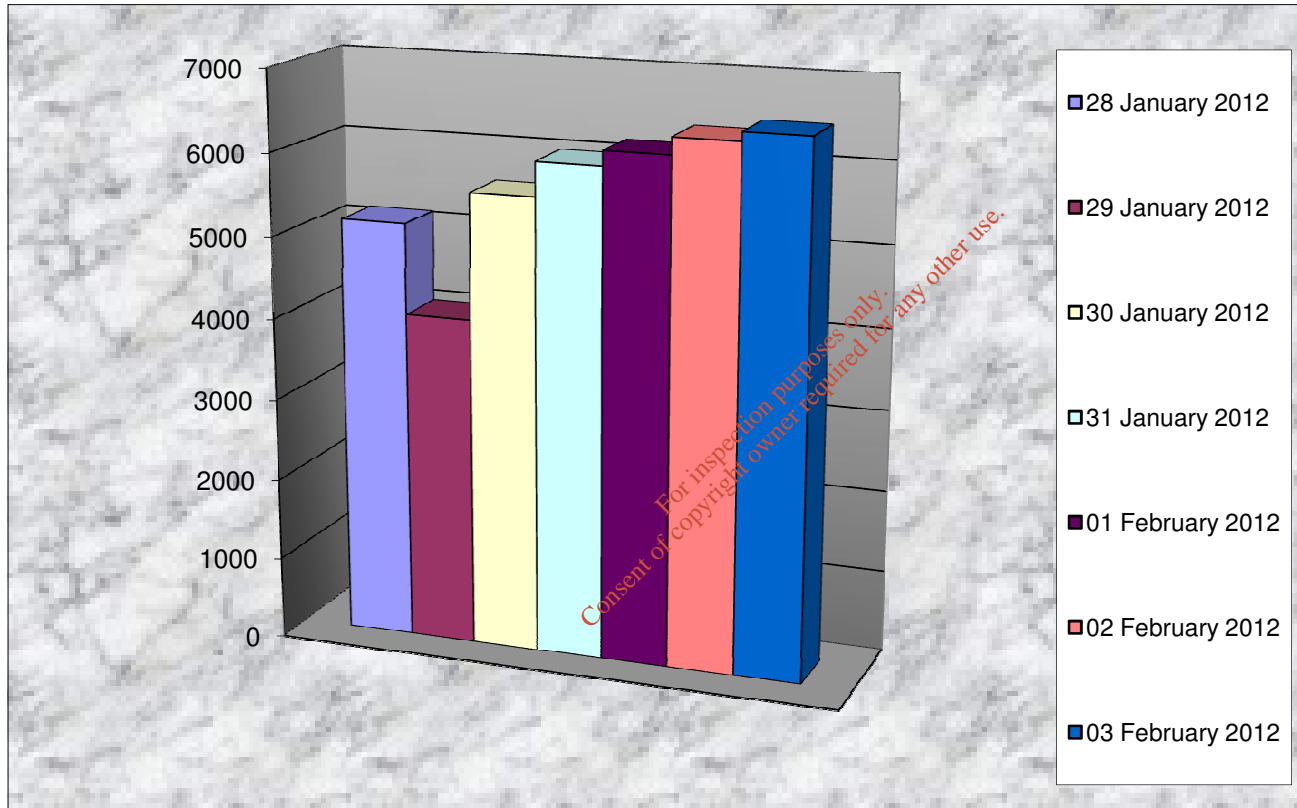
TIME PERIOD	28 January 2012	29 January 2012	30 January 2012	31 January 2012	01 February 2012	02 February 2012	03 February 2012
0000	48	61	36	34	35	34	45
0100	43	44	20	15	21	21	24
0200	38	50	15	20	9	17	17
0300	34	40	14	23	13	19	17
0400	20	26	16	23	23	32	26
0500	25	13	50	47	52	64	50
0600	43	18	124	136	149	154	154
0700	97	49	393	425	438	410	390
0800	170	74	513	539	558	558	506
0900	345	114	355	396	417	434	387
1000	360	179	307	328	332	394	374
1100	393	274	347	367	376	373	401
1200	442	339	316	377	354	347	406
1300	475	372	367	359	364	383	428
1400	436	370	352	345	381	417	448
1500	401	355	360	393	430	421	476
1600	367	341	397	462	416	379	520
1700	330	330	431	433	511	482	503
1800	296	273	338	384	426	425	430
1900	273	261	275	293	285	303	313
2000	202	190	193	216	183	260	220
2100	133	145	179	177	190	182	157
2200	105	74	108	151	138	187	106
2300	65	43	59	50	59	71	74
07-19	4112	3070	4476	4802	5003	5023	5269
06-22	4763	3684	5247	5624	5810	5922	6113
06-00	4933	3801	5414	5825	6007	6180	6293
00-00	5141	4035	5565	5987	6160	6367	6472

ABACUS TRANSPORTATION SURVEYS

Drehid Waste Management Traffic Counts
Automatic Traffic Counts

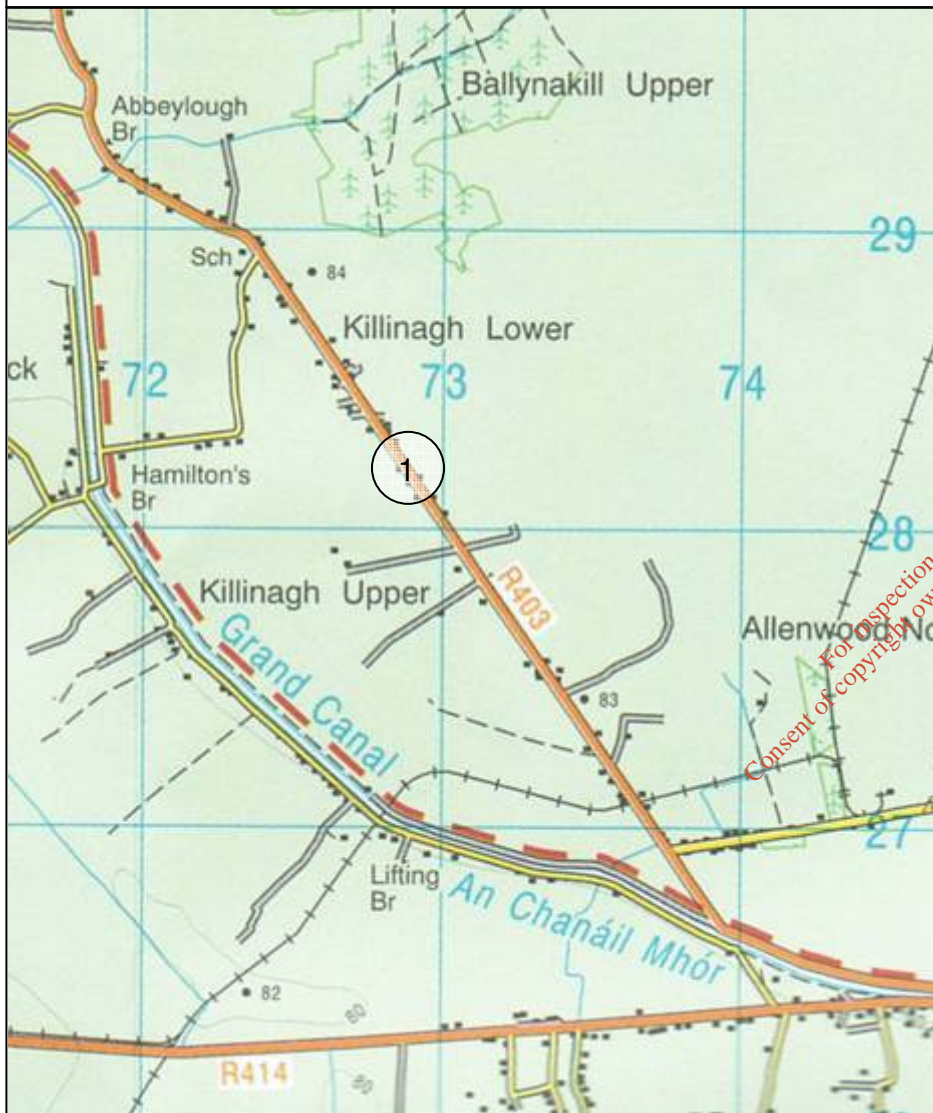
Site 10 Southbound

Week Comm.: 28 January 2012
Ath/12/005

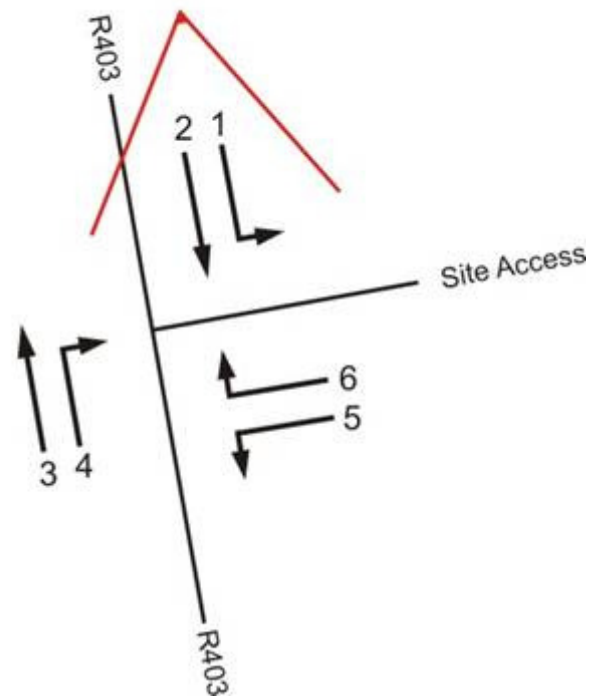


Junction Count Location

Movement Numbers & Directions



SITE 1



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Job number:

ATH/12/005

Job date:

2nd February 2012

Drawing No:

ATH/12/005-JTC

Client:

Tobin

Job day

Thursday

Author:

SPW

abacus
Transportation Surveys

ABACUS TRANSPORTATION SURVEYS

**DREHID WASTE MANAGEMENT FACILITY
MANUAL CLASSIFIED JUNCTION COUNT**

**JANUARY 2012
ATH/12/005**

SITE: Drehid Facility Site Access

DATE: 31st January 2012

LOCATION: R403/Drehid Facility Site Access

DAY: Tuesday

TIME	MOVEMENT 1						MOVEMENT 2						MOVEMENT 3								
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	1	0	0	0	0	1	1	30	2	0	2	1	35	39	4	0	0	1	0	5	6
07:15	2	0	0	0	0	2	2	40	3	0	0	2	45	47	1	1	1	0	0	3	4
07:30	1	0	0	1	0	2	3	52	11	1	2	1	67	71	6	1	1	0	0	8	9
07:45	1	1	0	0	0	2	2	34	7	1	0	1	43	45	11	6	4	0	1	22	25
H/TOT	5	1	0	1	0	7	8	156	23	2	4	5	190	201	22	8	6	1	1	38	43
08:00	0	1	0	2	0	3	6	45	13	0	2	1	61	65	10	2	0	2	1	15	19
08:15	2	1	0	2	0	5	8	57	12	2	2	0	73	77	16	6	2	2	0	26	30
08:30	2	0	0	0	0	2	2	39	7	3	0	0	49	51	16	6	1	0	0	23	24
08:45	0	0	0	0	0	0	0	24	15	2	0	1	42	44	10	5	1	1	1	18	21
H/TOT	4	2	0	4	0	10	15	165	47	7	4	2	225	236	52	19	4	5	2	82	93
09:00	0	0	0	0	0	0	0	28	10	2	0	0	40	41	19	2	5	1	0	27	31
09:15	0	0	0	0	0	0	0	42	8	1	4	0	53	59	22	6	4	0	1	33	36
09:30	1	0	0	0	0	1	1	36	6	3	2	1	48	53	16	2	2	0	1	21	23
09:45	0	0	0	0	0	0	0	24	10	1	1	1	37	40	22	4	2	1	0	29	31
H/TOT	1	0	0	0	0	1	1	130	32	7	7	2	178	193	79	14	13	2	2	110	121
10:00	0	0	0	0	0	0	0	18	3	2	2	0	25	29	15	7	2	1	0	25	27
10:15	0	0	0	0	0	0	0	25	3	3	0	0	31	33	13	9	1	0	0	23	24
10:30	0	0	0	0	0	0	0	22	6	1	1	0	30	32	19	5	3	1	1	29	33
10:45	0	0	0	0	0	0	0	14	5	1	1	1	22	25	18	4	0	0	0	22	22
H/TOT	0	0	0	0	0	0	0	79	17	7	4	1	108	118	65	25	6	2	1	99	106
11:00	0	0	0	0	0	0	0	24	3	0	1	0	28	29	15	4	3	1	0	23	26
11:15	0	0	0	2	0	2	5	21	5	1	1	0	28	30	15	8	1	3	0	27	31
11:30	0	0	0	0	0	0	0	24	2	3	1	0	30	33	17	3	3	0	1	24	27
11:45	0	0	0	0	0	0	0	23	7	0	1	1	32	34	22	6	2	1	0	31	33
H/TOT	0	0	0	2	0	2	5	92	17	4	4	1	118	126	69	21	9	5	1	105	117
12:00	0	0	0	0	0	0	0	14	5	4	1	0	24	27	15	6	0	0	0	21	21
12:15	0	0	0	1	0	1	2	22	14	1	0	0	37	38	22	5	1	1	0	29	31
12:30	2	0	0	0	0	2	2	21	5	0	0	0	26	26	28	7	2	0	1	38	40
12:45	0	0	0	0	0	0	0	24	3	4	0	1	32	35	26	2	2	1	0	31	33
H/TOT	2	0	0	1	0	3	4	81	27	9	1	1	119	126	91	20	5	2	1	119	125

ABACUS TRANSPORTATION SURVEYS

**DREHID WASTE MANAGEMENT FACILITY
MANUAL CLASSIFIED JUNCTION COUNT**

**JANUARY 2012
ATH/12/005**

SITE: Drehid Facility Site Access

DATE: 31st January 2012

LOCATION: R403/Drehid Facility Site Access

DAY: Tuesday

TIME	MOVEMENT 1							MOVEMENT 2							MOVEMENT 3						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	1	0	1	1	0	3	5	27	2	3	0	0	32	34	36	2	1	2	0	41	44
13:15	1	0	0	0	0	1	1	23	4	3	1	1	32	36	25	4	3	1	0	33	36
13:30	0	0	0	0	0	0	0	19	6	0	3	0	28	32	17	7	1	1	0	26	28
13:45	0	0	0	1	0	1	2	24	9	3	3	2	41	48	29	7	3	0	2	41	45
H/TOT	2	0	1	2	0	5	8	93	21	9	7	3	133	150	107	20	8	4	2	141	152
14:00	0	0	0	2	0	2	5	22	7	0	2	0	31	34	22	4	1	2	0	29	32
14:15	3	0	0	0	0	3	3	22	2	0	0	0	24	24	30	5	1	2	0	38	41
14:30	0	0	0	0	0	0	0	17	2	1	1	1	22	25	33	5	3	0	0	41	43
14:45	0	0	1	1	0	2	4	21	6	1	1	1	31	35	30	7	0	1	2	40	43
H/TOT	3	0	1	3	0	7	11	82	17	2	5	2	108	118	115	21	5	5	2	148	159
15:00	0	0	0	4	0	4	9	24	1	1	0	0	33	35	30	5	3	1	0	39	42
15:15	0	0	0	0	0	0	0	20	3	2	1	1	31	36	40	10	1	1	1	53	56
15:30	0	0	0	0	0	0	0	29	7	3	3	0	42	47	33	6	2	0	0	41	42
15:45	0	0	0	0	0	0	0	20	5	0	1	0	26	27	36	8	1	1	2	48	52
H/TOT	0	0	0	4	0	4	9	93	24	7	7	1	132	146	139	29	7	3	3	181	191
16:00	0	0	0	0	0	0	0	24	8	2	1	1	36	39	40	10	0	0	2	52	54
16:15	0	0	0	0	0	0	0	24	2	0	1	1	28	30	42	8	2	0	2	54	57
16:30	0	0	0	0	0	0	0	25	7	1	0	0	33	34	36	7	1	2	1	47	51
16:45	0	0	0	0	0	0	0	27	2	1	1	1	32	35	46	9	1	1	1	58	61
H/TOT	0	0	0	0	0	0	0	100	19	4	3	3	129	138	164	34	4	3	6	211	223
17:00	0	0	0	0	0	0	0	36	5	0	0	0	41	41	46	7	1	1	0	55	57
17:15	0	0	0	0	0	0	0	28	3	1	0	1	33	35	49	7	1	1	1	59	62
17:30	0	0	0	0	0	0	0	26	7	3	1	0	37	40	44	6	0	1	0	51	52
17:45	0	0	0	0	0	0	0	14	0	0	1	1	16	18	48	8	0	0	1	57	58
H/TOT	0	0	0	0	0	0	0	104	15	4	2	2	127	134	187	28	2	3	2	222	229
18:00	0	0	0	0	0	0	0	27	0	0	1	0	28	29	51	8	0	2	0	61	64
18:15	0	0	0	0	0	0	0	29	3	1	0	0	33	34	44	5	0	1	1	51	53
18:30	0	0	0	0	0	0	0	27	1	0	0	0	28	28	38	5	0	0	0	43	43
18:45	0	0	0	0	0	0	0	23	2	0	0	1	26	27	34	4	0	0	1	39	40
H/TOT	0	0	0	0	0	0	0	106	6	1	1	1	115	118	167	22	0	3	2	194	200
P/TOT	17	3	2	17	0	39	62	1281	265	63	49	24	1682	1801	1257	261	69	38	25	1650	1759

ABACUS TRANSPORTATION SURVEYS

**DREHID WASTE MANAGEMENT FACILITY
MANUAL CLASSIFIED JUNCTION COUNT**

**JANUARY 2012
ATH/12/005**

SITE: Drehid Facility Site Access

DATE: 31st January 2012

LOCATION: R403/Drehid Facility Site Access

DAY: Tuesday

TIME	MOVEMENT 4						MOVEMENT 5						MOVEMENT 6									
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	
07:00	1	0	0	0	0	1	1	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0
07:15	2	0	1	4	0	7	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	2	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	5	1	0	2	0	8	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	10	2	1	6	0	19	27	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0
08:00	3	4	0	1	0	8	9	1	0	0	0	0	1	1	0	0	0	1	0	1	1	2
08:15	0	1	0	2	0	3	6	0	1	0	2	0	3	6	0	0	0	0	0	0	0	0
08:30	2	1	0	1	0	4	5	1	0	0	0	0	5	10	0	0	0	0	0	0	0	0
08:45	2	0	0	0	0	2	2	2	0	0	0	0	5	9	0	0	0	0	0	0	0	0
H/TOT	7	6	0	4	0	17	22	4	1	0	2	0	14	26	0	0	0	1	0	1	2	
09:00	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	0	0	0	0
09:15	0	1	0	0	0	1	1	1	0	1	0	0	3	4	0	0	0	1	0	1	1	2
09:30	1	1	0	3	0	5	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	1	0	1	2	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0
H/TOT	1	2	0	4	0	7	12	2	2	0	2	0	6	9	0	0	0	1	0	1	2	
10:00	0	1	0	1	0	2	3	1	0	0	0	0	1	1	0	0	0	1	0	1	1	2
10:15	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	2	2	0	4	8	0	1	0	3	0	4	8	0	0	0	0	0	0	0	0
10:45	0	0	0	2	0	2	5	0	0	0	0	0	0	0	0	0	0	1	0	1	2	
H/TOT	2	1	2	5	0	10	18	1	1	0	3	0	5	9	0	0	0	2	0	2	5	
11:00	0	0	0	2	0	2	5	0	0	1	2	0	3	6	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0	0	0	1	1	1
11:30	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	2	0	0	2	0	4	7	0	0	0	1	0	1	1	2
H/TOT	0	0	0	3	0	3	7	2	0	1	5	0	8	15	1	0	0	1	0	2	3	
12:00	1	1	0	0	0	2	2	0	1	1	1	0	3	5	1	0	0	0	0	1	1	1
12:15	0	1	0	2	0	3	6	1	1	0	2	0	4	7	0	1	0	0	0	1	1	1
12:30	1	0	0	2	0	3	6	1	0	0	0	0	1	1	0	0	0	1	0	1	2	2
12:45	0	0	1	5	0	6	13	2	0	0	1	0	3	4	0	0	0	0	0	0	0	0
H/TOT	2	2	1	9	0	14	26	4	2	1	4	0	11	17	1	1	0	1	0	3	4	

ABACUS TRANSPORTATION SURVEYS

**DREHID WASTE MANAGEMENT FACILITY
MANUAL CLASSIFIED JUNCTION COUNT**

**JANUARY 2012
ATH/12/005**

SITE: Drehid Facility Site Access

DATE: 31st January 2012

LOCATION: R403/Drehid Facility Site Access

DAY: Tuesday

TIME	MOVEMENT 4						MOVEMENT 5						MOVEMENT 6								
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	0	0	0	0	0	0	0	0	1	0	2	0	3	6	0	0	0	0	0	0	0
13:15	1	0	0	1	0	2	3	0	0	2	1	0	3	5	1	0	0	0	0	1	1
13:30	1	0	0	1	0	2	3	1	0	0	5	0	6	13	0	0	0	0	0	0	0
13:45	0	0	1	1	0	2	4	0	0	0	2	0	2	5	1	0	0	0	0	1	1
H/TOT	2	0	1	3	0	6	10	1	1	2	10	0	14	28	2	0	0	0	0	2	2
14:00	1	0	0	2	0	3	6	1	0	0	1	0	2	3	0	0	0	0	0	0	0
14:15	1	0	0	1	0	2	3	3	0	0	1	0	4	5	0	0	0	0	0	0	0
14:30	0	0	0	2	0	2	5	0	0	1	0	0	6	13	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	2	0	0	5	0	7	14	4	0	1	7	0	12	22	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	0	0	2	0	2	5
15:15	0	0	0	3	0	3	7	0	0	1	0	1	2	2	0	0	0	1	0	1	2
15:30	1	0	0	3	0	4	8	1	0	2	3	0	6	11	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
H/TOT	1	0	0	6	0	7	15	1	0	2	5	0	8	16	1	0	0	3	0	4	8
16:00	0	0	0	0	0	0	0	0	0	0	2	0	2	5	0	0	0	1	0	1	2
16:15	0	0	0	0	0	0	0	1	0	0	1	0	2	3	0	0	0	0	0	0	0
16:30	0	1	0	1	0	2	3	0	1	1	0	0	2	3	1	0	0	0	0	1	1
16:45	1	0	0	0	0	1	1	1	3	0	0	0	4	4	1	1	0	1	0	3	4
H/TOT	1	1	0	1	0	3	4	2	4	1	3	0	10	14	2	1	0	2	0	5	8
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
17:15	0	0	0	1	0	1	2	7	1	0	0	0	8	8	2	1	0	0	0	3	3
17:30	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	0	0	0	2	2
17:45	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	0	0	0	1	0	1	2	8	1	0	1	0	10	11	5	1	0	0	0	6	6
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
P/TOT	28	14	5	47	0	94	158	30	12	8	50	0	100	169	12	3	0	11	0	26	40