

Appendix 5

Automatic Traffic Counts and Modelled Growth

Site No: 00007324
Havant Rd Emsworth
Vehicle Count Report

Site Reference: 00007324

Week Begin: 23-Jun-16

Channel: Westbound

Time	Thu	Fri	Sat	Sun	Mon	Tue	Wed	5-Day	7-Day
Begin	23/06/2016	24/06/2016	25/06/2016	26/06/2016	27/06/2016	28/06/2016	29/06/2016	AV	AV
00:00	15	18	67	81	19	27	17	19	35
01:00	11	19	33	34	5	12	7	11	17
02:00	10	18	18	25	5	6	8	9	13
03:00	13	29	11	17	13	17	23	19	18
04:00	39	49	30	28	54	38	35	43	39
05:00	145	153	73	40	145	154	155	150	124
06:00	459	450	152	103	493	510	491	481	380
07:00	1010	990	329	187	983	982	1069	1007	793
08:00	937	821	624	313	879	924	941	900	777
09:00	715	791	833	612	761	770	446	697	704
10:00	724	818	810	743	694	709	446	678	706
11:00	730	860	837	834	726	762	452	706	743
12:00	722	782	757	729	697	724	430	671	692
13:00	731	764	708	678	712	715	446	674	679
14:00	788	872	700	658	737	737	444	716	705
15:00	921	883	592	546	827	852	448	786	724
16:00	837	862	555	573	880	877	465	784	721
17:00	826	788	510	479	724	691	452	696	639
18:00	699	638	450	458	532	512	479	572	538
19:00	443	488	360	318	383	354	352	404	385
20:00	273	337	211	182	175	239	215	248	233
21:00	228	239	189	128	184	218	218	217	201
22:00	167	177	195	89	108	109	127	138	139
23:00	90	118	135	37	56	49	65	76	79
12H,7-19	9640	9869	7705	6810	9152	9255	6518	8887	8421
16H,6-22	11043	11383	8617	7541	10387	10576	7794	10237	9620
18H,6-24	11300	11678	8947	7667	10551	10734	7986	10450	9838
24H,0-24	11533	11964	9179	7892	10792	10988	8231	10702	10083
Am	07:00	07:00	11:00	11:00	07:00	07:00	07:00	-	-
Peak	1010	990	837	834	983	982	1069	1007	958
Pm	15:00	15:00	12:00	12:00	16:00	16:00	18:00	-	-
Peak	921	883	757	729	880	877	479	808	789

Created at 10:10:15 on 13 Jul 2016

Site No: 00007324
Havant Rd Emsworth
Vehicle Count Report

Site Reference: 00007324

Week Begin: 23-Jun-16

Channel: Eastbound

Time	Thu	Fri	Sat	Sun	Mon	Tue	Wed	5-Day	7-Day
Begin	23/06/2016	24/06/2016	25/06/2016	26/06/2016	27/06/2016	28/06/2016	29/06/2016	Av	Av
00:00	30	31	61	73	23	30	22	27	39
01:00	48	21	33	53	16	14	12	22	28
02:00	9	16	20	31	7	7	10	10	14
03:00	15	36	15	11	6	9	15	16	15
04:00	23	31	25	23	25	29	15	25	24
05:00	78	94	55	37	70	74	83	80	70
06:00	257	347	167	120	277	277	261	284	244
07:00	661	846	473	228	618	668	614	681	587
08:00	750	881	716	414	625	669	685	722	677
09:00	630	797	749	508	547	616	332	584	597
10:00	639	807	693	613	575	536	251	562	588
11:00	654	816	764	670	646	623	300	608	639
12:00	663	792	654	624	605	599	215	575	593
13:00	658	740	634	628	588	593	209	558	579
14:00	694	714	640	611	645	674	209	587	598
15:00	647	737	656	651	662	662	255	593	610
16:00	735	828	568	527	871	727	242	681	643
17:00	690	827	550	466	860	856	254	697	643
18:00	770	597	468	326	667	678	342	611	550
19:00	558	511	381	292	453	480	438	488	445
20:00	370	365	234	204	236	274	291	307	282
21:00	270	245	161	124	182	250	216	233	207
22:00	185	180	177	93	140	141	143	158	151
23:00	97	118	134	40	58	67	59	80	82
12H,7-19	8191	9382	7565	6266	7909	7901	3908	7458	7303
16H,6-22	9646	10850	8508	7006	9057	9182	5114	8770	8480
18H,6-24	9928	11148	8819	7139	9255	9390	5316	9007	8714
24H,0-24	10131	11377	9028	7367	9402	9553	5473	9187	8904
Am	08:00	08:00	11:00	11:00	11:00	08:00	08:00	-	-
Peak	750	881	764	670	646	669	685	726	724
Pm	18:00	16:00	15:00	15:00	16:00	17:00	19:00	-	-
Peak	770	828	656	651	871	856	438	753	724

Created at 10:10:15 on 13 Jul 2016

Data from Wednesday 29th was excluded from speed analysis as road works led to much reduced speeds on that day
which do not seem to reflect a neutral day

Site No: 00007324

Site Reference: 00007324

Havant Rd Emsworth

Speed Summary (Mon, Tue, Thu From 23/06/2016 To 30/06/2016 Channel: Westbound

Time	Total	85th	Mean	Std.	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	Bin 13
Begin	Vol.	%ile	Ave.	Dev.	<1Mph	1-<6	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	>=56
00:00	38	44.9	39	6.6	0	0	0	0	0	0	2	11	11	9	2	1	1
01:00	19	46.4	39.7	7.1	0	0	0	0	0	1	0	4	6	4	2	1	0
02:00	14	44.9	40.8	6	0	0	0	0	0	0	0	2	4	4	1	1	0
03:00	17	50.5	42.5	8.4	0	0	0	0	0	0	1	3	3	4	3	2	1
04:00	40	48.8	41.4	7.4	0	0	0	0	0	0	1	8	11	11	4	3	2
05:00	118	48.1	41.1	6.9	0	0	0	0	0	1	2	24	33	33	16	6	4
06:00	361	42	36.8	5.3	0	0	0	0	1	4	19	149	124	51	10	2	2
07:00	747	38	33.1	5.2	0	0	1	6	7	27	151	387	136	28	3	1	0
08:00	750	37.9	33.3	5	0	0	2	3	8	27	136	407	138	26	2	0	0
09:00	747	37.1	33.2	4.3	0	0	0	1	4	19	150	432	122	16	2	0	0
10:00	750	37	33	4.3	0	0	0	1	4	26	160	422	119	16	1	0	0
11:00	792	36.9	33	4.3	0	0	0	2	4	24	166	456	122	17	0	0	0
12:00	735	37.4	33.2	4.4	0	0	0	1	5	20	153	409	128	17	1	0	0
13:00	718	38.2	33.6	4.5	0	0	0	1	6	20	120	396	150	22	2	0	0
14:00	749	38	33.4	4.5	0	0	0	1	5	24	145	400	150	22	1	0	0
15:00	770	37.7	32.9	5.2	0	0	2	7	10	29	157	402	138	23	2	0	0
16:00	764	38.2	33.3	4.9	0	0	1	1	6	32	156	386	151	28	3	0	0
17:00	670	39.1	34.3	4.6	0	0	0	0	3	16	102	340	174	32	2	1	0
18:00	548	39.8	34.9	4.7	0	0	0	0	1	11	64	279	148	41	4	1	0
19:00	391	40.4	35.7	5	0	0	0	0	0	8	35	180	123	36	7	2	0
20:00	236	41.5	36.4	5.2	0	0	0	0	0	2	18	104	72	31	6	1	1
21:00	198	40.7	35.8	4.9	0	0	0	0	0	2	18	92	58	22	3	1	0
22:00	141	40.9	36.1	5.1	0	0	0	0	0	2	12	62	42	17	3	1	0
23:00	81	44.1	37.8	5.9	0	0	0	0	0	1	4	28	25	16	5	2	0
12H,7-19	8740	38	33.4	4.7	0	0	6	24	64	275	1660	4717	1677	288	24	4	0
16H,6-22	9926	38.6	33.7	4.8	0	0	6	24	66	291	1750	5242	2052	428	49	10	3
18H,6-24	10148	38.7	33.8	4.9	0	0	6	24	66	294	1766	5332	2119	460	57	12	4
24H,0-24	10394	38.9	34	5.1	0	0	6	24	66	296	1772	5384	2187	525	84	26	12
Am	11:00	03:00	03:00	03:00	-	-	08:00	07:00	08:00	08:00	11:00	11:00	08:00	06:00	05:00	05:00	05:00
Peak	792	50.5	42.5	8.4	-	-	2	6	8	27	166	456	138	51	16	6	4
Pm	15:00	23:00	23:00	23:00	-	-	15:00	15:00	15:00	16:00	15:00	12:00	17:00	18:00	19:00	23:00	20:00
Peak	770	44.1	37.8	5.9	-	-	2	7	10	32	157	409	174	41	7	2	1

Created at 10:38:21 on 13 Jul 2016

Site No: 00007324

Site Reference: 00007324

Havant Rd Emsworth

Speed Summary (Mon, Tue, Thu, From 23/06/2016 To 30/06/2016 Channel: Eastbound

Time	Total	85th	Mean	Std.	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	Bin 13
Begin	Vol.	%ile	Ave.	Dev.	<1Mph	1-<6	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
00:00	41	45.4	38.3	8.5	0	0	1	0	0	0	2	12	11	9	3	2	1
01:00	31	46.3	34.4	14.5	0	0	6	0	0	0	1	6	7	6	4	1	1
02:00	15	48.8	40.7	7.2	0	0	0	0	0	0	0	2	3	4	2	2	0
03:00	15	51.6	43.9	7.6	0	0	0	0	0	0	0	2	2	4	3	2	1
04:00	26	50.8	42.2	9.8	0	0	0	1	0	0	1	4	6	6	4	2	2
05:00	68	48	40.7	7.3	0	0	0	0	1	0	2	13	23	16	7	4	2
06:00	241	43.5	37.7	5.7	0	0	0	0	1	2	11	85	84	42	11	4	1
07:00	582	39.3	33.9	5.8	0	0	2	3	12	22	88	270	147	29	7	2	0
08:00	676	37.8	31.8	6.6	0	0	6	12	33	41	145	296	115	24	3	0	0
09:00	641	37.7	32.9	5	0	0	0	3	11	22	139	331	113	19	2	0	0
10:00	644	37.4	32.2	5.9	0	0	4	12	20	26	137	314	112	15	1	0	0
11:00	696	37	32.6	4.9	0	0	1	4	14	22	165	364	110	14	1	0	0
12:00	656	37	31.5	6.7	0	0	9	21	24	33	129	320	102	16	1	0	0
13:00	640	37.6	32.9	5.2	0	0	4	3	10	19	132	336	121	13	2	0	0
14:00	663	37.9	33.3	4.7	0	0	0	1	10	22	127	356	128	18	1	0	0
15:00	669	38.1	33.1	5.3	0	0	6	2	8	22	130	344	132	22	2	0	0
16:00	709	37.7	32.6	5.3	0	0	1	5	17	29	168	339	129	18	2	0	0
17:00	708	38.1	32.6	6	0	0	4	10	21	30	144	336	139	22	3	1	0
18:00	584	39.5	34.4	5	0	0	0	1	6	12	88	289	148	38	4	1	0
19:00	446	40.2	35.3	5.1	0	0	0	0	3	6	51	203	134	39	6	2	0
20:00	280	41.7	36.5	5.6	0	0	0	0	2	4	19	119	89	35	10	2	1
21:00	205	41	35.6	5.8	0	0	0	0	3	2	23	94	52	23	6	1	1
22:00	153	41.1	35.8	5.6	0	0	0	0	2	2	16	62	46	19	4	1	0
23:00	86	44.4	37.9	6.8	0	0	0	0	1	1	7	26	26	18	5	2	1
12H,7-19	7867	38	32.8	5.6	0	0	36	77	186	300	1592	3895	1498	248	29	4	0
16H,6-22	9039	38.6	33.2	5.7	0	0	36	77	195	314	1696	4396	1857	387	62	13	3
18H,6-24	9278	38.7	33.3	5.8	0	0	36	77	199	317	1719	4484	1928	424	71	16	4
24H,0-24	9474	38.9	33.4	5.9	0	0	43	78	201	318	1724	4523	1980	468	94	29	11
Am	11:00	03:00	03:00	01:00 -	08:00	08:00	10:00	08:00	08:00	11:00	11:00	07:00	06:00	06:00	05:00	05:00	
Peak	696	51.6	43.9	14.5 -	0	6	12	33	41	165	364	147	42	11	4	2	
Pm	16:00	23:00	23:00	23:00 -	13:00	12:00	12:00	12:00	12:00	16:00	14:00	18:00	19:00	20:00	23:00	23:00	
Peak	709	44.4	37.9	6.8 -	0	9	21	24	33	168	356	148	39	10	2	1	

Created at 10:38:21 on 13 Jul 2016

Site No: 74065208
 Victoria Rd Emsworth
 Vehicle Count Report

Site Reference: 74065208

Week Begin: 23-Jun-16

Channel: Westbound

Time	Thu	Fri	Sat	Sun	Mon	Tue	Wed	5-Day	7-Day
Begin	23/06/2016	24/06/2016	25/06/2016	26/06/2016	27/06/2016	28/06/2016	29/06/2016	Av	Av
00:00	0	3	1	7	1	3	2	2	2
01:00	0	0	4	2	1	0	3	1	1
02:00	1	1	0	0	1	0	1	1	1
03:00	0	0	0	1	0	0	1	0	0
04:00	3	1	1	0	1	1	1	1	1
05:00	11	9	0	6	12	11	12	11	9
06:00	29	18	11	6	12	22	20	20	17
07:00	73	65	14	8	55	56	64	63	48
08:00	120	106	33	13	95	97	103	104	81
09:00	63	46	35	37	50	36	97	58	52
10:00	68	55	35	27	42	35	139	68	57
11:00	58	53	51	38	36	48	116	62	57
12:00	47	39	47	35	38	49	135	62	56
13:00	49	49	29	32	45	47	129	64	54
14:00	99	91	42	33	87	74	180	106	87
15:00	62	63	31	30	51	54	143	75	62
16:00	59	59	29	29	43	48	158	73	61
17:00	74	49	29	27	34	39	122	64	53
18:00	61	37	37	26	28	28	51	41	38
19:00	37	27	27	17	26	28	29	29	27
20:00	26	26	13	12	16	22	23	23	20
21:00	14	16	13	8	11	13	13	13	13
22:00	10	21	19	5	9	7	10	11	12
23:00	8	15	7	6	6	4	2	7	7
12H,7-19	833	712	412	335	604	611	1437	839	706
16H,6-22	939	799	476	378	669	696	1522	925	783
18H,6-24	957	835	502	389	684	707	1534	943	801
24H,0-24	972	849	508	405	700	722	1554	959	816
Am	08:00	08:00	11:00	11:00	08:00	08:00	10:00	-	-
Peak	120	106	51	38	95	97	139	111	92
Pm	14:00	14:00	12:00	12:00	14:00	14:00	14:00	-	-
Peak	99	91	47	35	87	74	180	106	88

Created at 10:38:40 on 13 Jul 2016

Site No: 74065208
 Victoria Rd Emsworth
 Vehicle Count Report

Site Reference: 74065208

Week Begin: 23-Jun-16

Channel: Eastbound

Time	Thu	Fri	Sat	Sun	Mon	Tue	Wed	5-Day	7-Day
Begin	23/06/2016	24/06/2016	25/06/2016	26/06/2016	27/06/2016	28/06/2016	29/06/2016	Av	Av
00:00	4	2	4	7	1	1	2	2	3
01:00	53	1	3	3	2	3	2	12	10
02:00	2	1	2	0	2	0	1	1	1
03:00	2	0	3	0	2	1	0	1	1
04:00	2	0	0	1	1	2	3	2	1
05:00	7	8	2	5	6	5	8	7	6
06:00	16	11	8	4	11	11	11	12	10
07:00	57	50	23	8	44	40	46	47	38
08:00	106	120	35	16	83	83	95	97	77
09:00	44	53	44	25	49	51	143	68	58
10:00	61	46	91	47	65	39	182	79	76
11:00	57	39	47	31	36	45	165	68	60
12:00	51	113	104	36	36	51	160	82	79
13:00	50	56	142	33	41	45	179	74	78
14:00	49	52	37	36	57	55	178	78	66
15:00	125	78	48	29	87	108	262	132	105
16:00	87	98	37	27	83	104	203	115	91
17:00	77	72	43	29	81	99	220	110	89
18:00	101	38	40	20	46	47	231	93	75
19:00	33	30	22	16	17	22	84	37	32
20:00	25	26	19	14	20	14	17	20	19
21:00	14	16	14	15	15	12	11	14	14
22:00	13	12	14	4	12	11	10	12	11
23:00	5	8	8	8	6	5	5	6	6
12H,7-19	865	815	691	337	708	767	2064	1044	892
16H,6-22	953	898	754	386	771	826	2187	1127	968
18H,6-24	971	918	776	398	789	842	2202	1144	985
24H,0-24	1041	930	790	414	803	854	2218	1169	1007
Am	08:00	08:00	10:00	10:00	08:00	08:00	10:00	-	-
Peak	106	120	91	47	83	83	182	115	102
Pm	15:00	12:00	13:00	14:00	15:00	15:00	15:00	-	-
Peak	125	113	142	36	87	108	262	139	125

Created at 10:38:40 on 13 Jul 2016

Site No: 74065208 Site Reference: 74065208
 Victoria Rd Emsworth
 Speed Summary (All Days)-Limit From 23/06/2016 To 30/06/2 Channel: Westbound

Time Begin	Total Vol.	85th %ile	Mean Ave.	Std. Dev.	Bin 1 <6Mph	Bin 2 6-<11	Bin 3 11-<16	Bin 4 16-<21	Bin 5 21-<26	Bin 6 26-<31	Bin 7 31-<36	Bin 8 36-<41	Bin 9 41-<46	Bin 10 46-<51	Bin 11 51-<56	Bin 12 56-<61	Bin 13 =>61
00:00	2 -		24.7 -		0	0	0	0	1	0	0	0	0	0	0	0	0
01:00	1 -		25.5 -		0	0	0	0	0	1	0	0	0	0	0	0	0
02:00	1 -		13.5 -		0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0 -		13.5 -		0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1 -		14.8 -		0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	9 -		21.8	7.5	0	0	2	1	2	2	1	0	0	0	0	0	0
06:00	17	30.6	25.3	6.4	0	0	2	1	3	7	2	0	0	0	0	0	0
07:00	48	29.7	22.9	7.4	0	3	7	6	12	16	3	1	0	0	0	0	0
08:00	81	26.8	20	6.2	0	6	15	24	21	13	1	0	0	0	0	0	0
09:00	52	29	22.9	6.1	0	2	6	8	17	17	1	0	0	0	0	0	0
10:00	57	29.1	22.5	6.3	0	2	8	11	18	15	3	0	0	0	0	0	0
11:00	57	29.1	22.8	6.2	0	2	7	10	17	18	2	0	0	0	0	0	0
12:00	56	29.2	23.3	5.9	0	1	6	10	20	16	3	0	0	0	0	0	0
13:00	54	29.4	23.5	5.9	0	1	6	9	19	16	3	0	0	0	0	0	0
14:00	87	27.7	21.3	6	0	4	12	22	29	16	2	0	0	0	0	0	0
15:00	62	29.1	22.3	6.5	0	2	11	10	18	18	3	0	0	0	0	0	0
16:00	61	30	24.2	6.1	0	2	4	10	19	20	5	0	0	0	0	0	0
17:00	53	29.5	22.9	6.7	0	2	8	9	13	18	3	0	0	0	0	0	0
18:00	38	28.8	22.1	6.8	0	3	4	7	12	10	2	0	0	0	0	0	0
19:00	27	29.4	23	6.5	0	1	3	5	8	8	2	0	0	0	0	0	0
20:00	20	29.8	23	7.9	0	1	4	2	6	5	2	1	0	0	0	0	0
21:00	13	28.6	22.7	5.7	0	0	2	2	4	4	0	0	0	0	0	0	0
22:00	12	28.5	22.1	7.2	0	1	1	3	3	3	1	0	0	0	0	0	0
23:00	7 -		22.1	9	0	1	1	1	1	2	1	0	0	0	0	0	0
12H,7-19	706	29.1	22.4	6.4	0	30	94	136	215	193	31	1	0	0	0	0	0
16H,6-22	783	29.2	22.5	6.4	0	32	105	146	236	217	37	2	0	0	0	0	0
18H,6-24	802	29.2	22.5	6.4	0	34	107	150	240	222	39	2	0	0	0	0	0
24H,0-24	816	29.2	22.5	6.4	0	34	109	151	243	225	40	2	0	0	0	0	0
Am	08:00 -		01:00 -		11:00	08:00	08:00	08:00	08:00	11:00	10:00	07:00 -	-	-	-	-	-
Peak	81 -		25.5 -		0	6	15	24	21	18	3	1 -	-	-	-	-	-
Pm	14:00 -		16:00	23:00	23:00	14:00	14:00	14:00	14:00	16:00	16:00	20:00	17:00 -	-	-	-	-
Peak	87 -		24.2	9	0	4	12	22	29	20	5	1	0 -	-	-	-	-

Created at 10:38:47 on 13 Jul 2016

Site No: 74065208

Site Reference: 74065208

Victoria Rd Emsworth

Speed Summary (All Days)-Limit From 23/06/2016 To 30/06/2 Channel: Eastbound

Time Begin	Total Vol.	85th %ile	Mean Ave.	Std. Dev.	Bin 1 <6Mph	Bin 2 6-<11	Bin 3 11-<16	Bin 4 16-<21	Bin 5 21-<26	Bin 6 26-<31	Bin 7 31-<36	Bin 8 36-<41	Bin 9 41-<46	Bin 10 46-<51	Bin 11 51-<56	Bin 12 56-<61	Bin 13 =>61
00:00		3 -	22.8	9.1	0	0	0	1	0	1	1	0	0	0	0	0	0
01:00		10 -	12.6	5.5	0	6	2	1	1	0	0	0	0	0	0	0	0
02:00		1 -	23.5 -		0	0	0	0	0	0	0	0	0	0	0	0	0
03:00		1 -	24.1 -		0	0	0	1	0	0	0	0	0	0	0	0	0
04:00		1 -	19.6 -		0	0	0	0	0	0	0	0	0	0	0	0	0
05:00		6 -	20.2	6.5	0	0	1	1	1	1	0	0	0	0	0	0	0
06:00		10	28.9	23.3	6.2	0	0	1	2	3	3	1	0	0	0	0	0
07:00		38	28.3	21.5	6.6	0	2	6	9	11	8	2	0	0	0	0	0
08:00		77	24.8	18.9	5.6	0	5	18	27	19	6	1	0	0	0	0	0
09:00		58	27.5	20.7	6.5	0	4	10	16	16	11	2	0	0	0	0	0
10:00		76	28.2	21.5	6.2	0	3	12	20	22	16	3	0	0	0	0	0
11:00		60	28.6	22.4	5.9	0	2	6	12	22	15	2	0	0	0	0	0
12:00		79	28.3	21.6	6.3	0	5	10	17	26	18	2	0	0	0	0	0
13:00		78	27.4	20.3	6.9	0	8	14	16	24	13	3	0	0	0	0	0
14:00		66	26.3	19.3	6.6	0	8	12	17	17	10	1	0	0	0	0	0
15:00		105	27.1	19.9	6.3	0	8	20	32	24	18	2	0	0	0	0	0
16:00		91	29.2	22.8	6.1	0	3	9	20	30	23	5	0	0	0	0	0
17:00		89	29.1	23.3	5.9	0	2	7	18	32	25	4	1	0	0	0	0
18:00		75	29.6	23.6	6	0	1	6	17	22	23	4	1	0	0	0	0
19:00		32	29.4	23.3	6.6	0	1	3	6	9	10	1	1	0	0	0	0
20:00		19	28.6	22.4	6.5	0	1	2	4	6	6	1	0	0	0	0	0
21:00		14	29	22.8	6.9	0	1	1	3	4	4	1	0	0	0	0	0
22:00		11	28.7	23.5	5.2	0	0	1	3	4	2	0	0	0	0	0	0
23:00		6 -	22.8	6	0	0	1	1	2	2	0	0	0	0	0	0	0
12H,7-19	892	28.3	21.4	6.4	0	51	130	221	265	186	31	2	0	0	0	0	0
16H,6-22	967	28.4	21.5	6.4	0	54	137	236	287	209	35	3	0	0	0	0	0
18H,6-24	984	28.4	21.5	6.4	0	54	139	240	293	213	35	3	0	0	0	0	0
24H,0-24	1006	28.4	21.4	6.4	0	60	142	244	295	215	36	3	0	0	0	0	0
Am	08:00 -		03:00 -		11:00	01:00	08:00	08:00	11:00	10:00	10:00	10:00 -		11:00 -	-	-	
Peak	77 -		24.1 -		0	6	18	27	22	16	3	0 -		0 -	-	-	
Pm	15:00 -		18:00	21:00	14:00	14:00	15:00	15:00	17:00	17:00	16:00	17:00	22:00	17:00 -	-	-	
Peak	105 -		23.6	6.9	0	8	20	32	32	25	5	1	0	0 -	-	-	

Created at 10:38:47 on 13 Jul 2016



ATC analysis

* 3 days based on Mon, Tues and Thurs (rather than using Tues-Thurs) due to potential impact of roadworks on 29.6.2016

Havant Road

Westbound	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	5 day	7 day	3 day
	07:00	1010	990	329	187	983	982	1069	1007	793
	08:00	937	821	624	313	879	924	941	900	777
	09:00	715	791	833	612	761	770	446	697	704
	14:00	788	872	700	658	737	737	444	716	705
	15:00	921	883	592	546	827	852	448	786	724
	16:00	837	862	555	573	880	877	465	784	721
	17:00	826	788	510	479	724	691	452	696	639
	18:00	699	638	450	458	532	512	479	572	538
Eastbound	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	5 day	7 day	3 day
	07:00	661	846	473	228	618	668	614	681	587
	08:00	750	881	716	414	625	669	685	722	677
	09:00	630	797	749	508	547	616	332	584	597
	14:00	694	714	640	611	645	674	209	587	598
	15:00	647	737	656	651	662	662	255	593	610
	16:00	735	828	568	527	871	727	242	681	643
	17:00	690	827	550	466	860	856	254	697	643
	18:00	770	597	468	326	667	678	342	611	550

60% two way traffic	3 day Westbound	3 day Eastbound	Total	0.6 Growth rate	Grown traffic	Development Traffic	New Traffic	0.6
	07:00	992	649	1641	984	1857	165	1213
	08:00	913	681	1595	957	1805	165	1182
	09:00	749	598	1346	808	1524	165	1013
	14:00	754	671	1425	855	1650	165	1089
	15:00	867	657	1524	914	1764	165	1158
	16:00	865	778	1642	985	1870	165	1221
	17:00	747	802	1549	929	1764	165	1157
	18:00	581	705	1286	772	1464	165	978

New trips associated with expansion in school AM and PM peak periods

Havant Road Classifi UAP3

Road Width 11.24m (10m) selected for capacity calculations

Theoretical capacity 1620 vehicles per hour

<http://www.standardsforhighways.co.uk/dmrb/vo15/section1/ta7999.pdf>

Ratio Flow Analysis	New traffic	RFC
07:00	1213	0.75
08:00	1182	0.73
09:00	1013	0.63
14:00	1089	0.67
15:00	1158	0.71
16:00	1221	0.75
17:00	1157	0.71
18:00	978	0.60

ATC analysis

* 3 days based on Mon, Tues and Thurs (rather than using Tues-Thurs) due to potential impact of roadworks on 29.6.2016

Victoria Road

Westbound	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	5 day	7 day	3 day
	07:00	73	65	14	8	55	56	64	63	48
	08:00	120	106	33	13	95	97	103	104	81
	09:00	63	46	35	37	50	36	97	58	52
	14:00	99	91	42	33	87	74	180	106	87
	15:00	62	63	31	30	51	54	143	75	62
	16:00	59	59	29	29	43	48	158	73	61
	17:00	74	49	29	27	34	39	122	64	53
	18:00	61	37	37	26	28	28	51	41	38
Eastbound	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	5 day	7 day	3 day
	07:00	57	50	23	8	44	40	46	47	38
	08:00	106	120	35	16	83	83	95	97	77
	09:00	44	53	44	25	49	51	143	68	58
	14:00	49	52	37	36	57	55	178	78	66
	15:00	125	78	48	29	87	108	262	132	105
	16:00	87	98	37	27	83	104	203	115	91
	17:00	77	72	43	29	81	99	220	110	89
	18:00	101	38	40	20	46	47	231	93	75

60% two way traffic	3 day Westbound	3 day Eastbound	Total	0.6	Growth rate	Grown traffic	Development Traffic	New Traffic	0.6
07:00	61	47	108	65	1.1318	123	165	288	173
08:00	104	91	195	116.8	1.1318	220	165	385	231
09:00	50	48	98	58.6	1.1318	111	165	276	165
14:00	87	54	140	84.2	1.158	163	165	328	197
15:00	56	107	162	97.4	1.158	188	165	353	212
16:00	50	91	141	84.8	1.1387	161	165	326	196
17:00	49	86	135	80.8	1.1387	153	165	318	191
18:00	39	65	104	62.2	1.1387	118	165	283	170

New trips associated with expansion in school AM and PM peak periods

165

Havant Road

Classification UAP3

Road Width 6.02m (6.1m) selected for capacity calculations

Theoretical capacity 750 vehicles per hour

<http://www.standardsofhighways.co.uk/dmrb/vol5/section1/taz999.pdf>

Ratio Flow Analysis	New traffic	RFC
07:00	288	0.38
08:00	385	0.51
09:00	276	0.37
14:00	328	0.44
15:00	353	0.47
16:00	326	0.43
17:00	318	0.42
18:00	283	0.38

Appendix 6

Proposed Site Layout: P11226-A-1551



Key:

- 1. Existing Primary School
- 2. Main Entrance
- 3. Proposed Classroom
- 4. Proposed Shared Teaching Area
- 5. Proposed VC Refurbishment
- 6. Proposed SEN Group Room
- 7. Proposed Staffroom
- 8. Proposed Electronic Gate
- 9. Proposed Shared Play Area
- 10. Proposed Shared Carparking
- 11. Proposed Bus Stop
- 12. Existing Caravans
- 13. Existing Cycle Store
- 14. Proposed Cycle store
- 15. Remodelled Hard Play Informal Area
- 16. Proposed Hard Informal play area
- 17. Proposed Planting Area
- 18. Existing Hard Games Court
- 19. Existing Sports Pitch
- 20. Proposed KS1 Play Area Extension
- 21. Proposed Midden Path
- 22. Existing Area
- 23. Existing KS1 Play Area
- 24. Existing VR R Play Area
- 25. Existing Public Right of Way Path
- 26. Existing Timber structure
- 27. Retained Timber structure

Legend:

- Trees to be Removed
- Site Ownership Boundary
- Site Development Boundary
- Vehicular Access
- Pedestrian Access

Scale:

0 10M 25M

1:250 @ A1
1:500 @ A3

Notes:

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- Any changes to this drawing must be made by the author of the drawing. Any changes made by others without the prior written permission of Hampshire County Council will be at their own risk.

Revision:

Rev	Description	Date	By
1	Planning Submission	11/07/16	CH

Project Information:

Client: Hampshire County Council

Project Name: Hampshire County Council Emsworth Primary School Expansion from 1.5FE to 2FE

Project Number: P11226-A-1551

Project Location: Emsworth, Hampshire

Project Status: Planning Submission

Planning:

Project Name: Hampshire County Council Emsworth Primary School Expansion from 1.5FE to 2FE

Project Number: P11226-A-1551

Project Location: Emsworth, Hampshire

Project Status: Planning Submission

Appendix 7

Parking Beat Survey and Analysis

Wednesday 30th June 2016.
Emsworth Primary School

A = DOUBLE YELLOW LINES
 B = ZIG / ZAG OR SCHOOL KEEP CLEAR
 C = SINGLE YELLOW LINE

D = DROPPED C
 E = BUS STOP
 F = ON VERGE
 G = DISABLED BAY

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE	07:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	5			
Nore Crescent	D	25	2			
Salangor Ave	D	23	6			
Victoria Rd A	B,C,D,G	60	34			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE	07:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	5			
Nore Crescent	D	25	3			
Salangor Ave	D	23	6			
Victoria Rd A	B,C,D,G	60	35			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			08:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	7			
Nore Crescent	D	25	3			
Salangor Ave	D	23	7			
Victoria Rd A	B,C,D,G	60	34			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			08:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	11			
Nore Crescent	D	25	8			
Salangor Ave	D	23	7			
Victoria Rd A	B,C,D,G	60	50	F	7	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			09:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	11			
Nore Crescent	D	25	5			
Salangor Ave	D	23	5			
Victoria Rd A	B,C,D,G	60	27			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			09:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	11			
Nore Crescent	D	25	9			
Salangor Ave	D	23	6			
Victoria Rd A	B,C,D,G	60	25			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			10:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	10			
Nore Crescent	D	25	4			
Salangor Ave	D	23	4			
Victoria Rd A	B,C,D,G	60	21			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			10:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	8			
Nore Crescent	D	25	9			
Salangor Ave	D	23	3			
Victoria Rd A	B,C,D,G	60	19			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			11:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	7			
Nore Crescent	D	25	7			
Salangor Ave	D	23	3			
Victoria Rd A	B,C,D,G	60	24			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			11:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	8			
Nore Crescent	D	25	9			
Salangor Ave	D	23	4			
Victoria Rd A	B,C,D,G	60	24			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			12:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	10			
Nore Crescent	D	25	7			
Salangor Ave	D	23	3			
Victoria Rd A	B,C,D,G	60	27			

	PLEASE					
--	--------	--	--	--	--	--

STREET	LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE	12:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	8			
Nore Crescent	D	25	4			
Salangor Ave	D	23	2			
Victoria Rd A	B,C,D,G	60	32			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			13:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
CODE	COUNT OF VEHICLES					
Nore Farm Ave	D	20	7			
Nore Crescent	D	25	6			
Salangor Ave	D	23	2			
Victoria Rd A	B,C,D,G	60	35			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			13:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
CODE	COUNT OF VEHICLES					
Nore Farm Ave	D	20	7	F	1	
Nore Crescent	D	25	7			
Salangor Ave	D	23	2			
Victoria Rd A	B,C,D,G	60	35			

	PLEASE LIST ALL	APPROX	14:00			

STREET	PARKING TYPES WITHIN ZONE	MAXIMUM LEGAL SPACES AVAILABLE	LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	6			
Nore Crescent	D	25	6			
Salangor Ave	D	23	3			
Victoria Rd A	B,C,D,G	60	29			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			14:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
CODE	COUNT OF VEHICLES					
Nore Farm Ave	D	20	6			
Nore Crescent	D	25	8			
Salangor Ave	D	23	2			
Victoria Rd A	B,C,D,G	60	28			

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			15:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
CODE	COUNT OF VEHICLES					
Nore Farm Ave	D	20	7			
Nore Crescent	D	25	5			
Salangor Ave	D	23	2			
Victoria Rd A	B,C,D,G	60	60	A,F	2,8	

	PLEASE LIST ALL PARKING	APPROX MAXIMUM				
			15:30			
				ILLEGALLY PARKED		

STREET	TYPES WITHIN ZONE	LEGAL SPACES AVAILABLE	LEGALLY PARKED VEHICLES	CODE	COUNT OF VEHICLES	FREE SPACES
Nore Farm Ave	D	20	6	D	1	
Nore Crescent	D	25	3			
Salangor Ave	D	23	2			
Victoria Rd A	B,C,D,G	60	33	F	1	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			16:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		
CODE	COUNT OF VEHICLES					
Nore Farm Ave	D	20	9			
Nore Crescent	D	25	7	D,F	1,1	
Salangor Ave	D	23	3			
Victoria Rd A	B,C,D,G	60	28	F	1	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			16:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
CODE	COUNT OF VEHICLES					
Nore Farm Ave	D	20	8			
Nore Crescent	D	25	6	D	1	
Salangor Ave	D	23	3			
Victoria Rd A	B,C,D,G	60	32	F	1	

	PLEASE LIST ALL PARKING	APPROX MAXIMUM				
			17:00			
				ILLEGALLY PARKED		

STREET	TYPES WITHIN ZONE	LEGAL SPACES AVAILABLE	LEGALLY PARKED VEHICLES	CODE	COUNT OF VEHICLES	FREE SPACES
Nore Farm Ave	D	20	8			
Nore Crescent	D	25	6	D	1	
Salangor Ave	D	23	6			
Victoria Rd A	B,C,D,G	60	36	F	1	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			17:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	7			
Nore Crescent	D	25	6	D	1	
Salangor Ave	D	23	6			
Victoria Rd A	B,C,D,G	60	32	F	1	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			18:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	7			
Nore Crescent	D	25	4	D	1	
Salangor Ave	D	23	5			
Victoria Rd A	B,C,D,G	60	35	F	1	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			18:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	6			
Nore Crescent	D	25	3			
Salangor Ave	D	23	5			
Victoria Rd A	B,C,D,G	60	33	F	1	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE				
			19:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Nore Farm Ave	D	20	6			
Nore Crescent	D	25	2			
Salangor Ave	D	23	6			
Victoria Rd A	B,C,D,G	60	40	F	1	

Wednesday 30th June 2016.
Emsworth Primary School

A = DOUBLE YELLOW LINES

B = ZIG / ZAG OR SCHOOL KEEP CLEAR

C = SINGLE YELLOW LINE

D = DROPPED CURB

E = BUS STOP

F = ON VERGE

G = DISABLED BAY

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE	07:00			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Highland Rd	G,F	32	20	D,F	2,1	
Highland Close	F	9	3			
Ernest Close	F	8	0	F	4	
Bosmere Gardens	G,F	30	7	F	25	
Victoria Rd B	F	45	27	F	1	
Stallard Close	F	4	1	F	5	
Washington Rd	B,F	16	14	B	1	

STREET	PLEASE LIST ALL PARKING TYPES WITHIN ZONE	APPROX MAXIMUM LEGAL SPACES AVAILABLE	07:30			
			LEGALLY PARKED VEHICLES	ILLEGALLY PARKED		FREE SPACES
				CODE	COUNT OF VEHICLES	
Highland Rd	G,F	32	19	D,F	1,1	
Highland Close	F	9	2			
Ernest Close	F	8	0	F	5	
Bosmere Gardens	G,F	30	8	F	24	
Victoria Rd B	F	45	23	F	1	
Stallard Close	F	4	1	F	3	
Washington Rd	B,F	16	13			