

## **APPENDIX 3**

### **ATC DATA FROM SITES ON KEY CENTRE CORDON**



## ATC DATA FROM SITES ON KEY CENTRE CORDONS

This section presents profiles of traffic entering the key centre, derived from automatic traffic counts over two consecutive weeks in March 2009 on roads with at least 2000 vehicles per day.

The first sheet presents total traffic flows. The five day average flow for time period 0700-1000, combined with those from the other key centres in Greater Manchester (excluding Manchester), provides the 2008/09 data for the mandatory indicator LTP6b: Peak traffic flows to other Greater Manchester key centres.

The second and subsequent sheets present data for each site as follows:

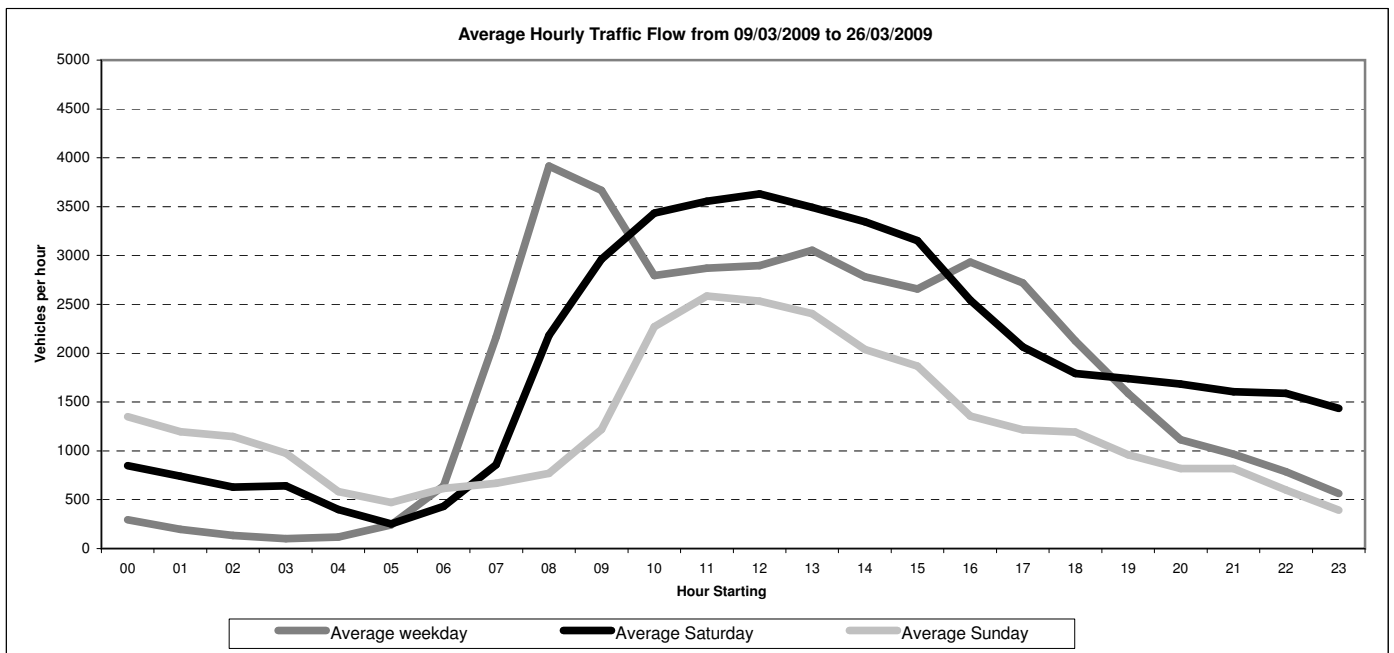
<b>Site</b>	<b>Description</b>	<b>Direction</b>
00110181	A676 Folds Road	Southwest bound
00110190	Carlton Street	Northwest bound
00110200	A575 Bradshawgate	Northbound
00110211	Black Horse Street	Northbound
00110220	Ormrod Street	Eastbound
00110231	A676 Deansgate	Eastbound
00110240	B6205 St. George's Road	Eastbound
00110251	B6206 Higher Bridge Street	Southbound
00110261	A666 Offslip to St. George's Street	Northwest bound



**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/09 to 26/03/09**  
**Bolton Key Centre Total of All Sites**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	284	257	284	275	372	847	1351	294	521
01	204	141	188	165	282	742	1194	197	415
02	121	103	147	114	175	630	1148	133	345
03	77	65	106	120	154	641	978	103	306
04	104	115	110	120	147	401	583	119	223
05	244	218	222	259	260	251	471	241	271
06	618	656	624	668	637	433	615	641	603
07	2148	2248	2110	2184	2139	858	669	2166	1758
08	3734	4049	3854	4006	3925	2183	769	3915	3213
09	3520	3840	3457	3902	3610	2963	1218	3666	3212
10	2533	2864	2630	2974	2972	3434	2271	2795	2810
11	2639	2943	2711	2998	3057	3555	2584	2871	2927
12	2618	2984	2793	3011	3069	3629	2533	2895	2949
13	2858	3074	3013	3079	3256	3494	2404	3055	3025
14	2619	2670	2670	2856	3096	3346	2038	2781	2755
15	2460	2641	2509	2715	2956	3151	1866	2656	2615
16	2723	2970	2806	3113	3056	2544	1357	2934	2652
17	2613	2737	2763	2748	2721	2063	1215	2718	2407
18	2077	2116	2107	2193	2144	1793	1193	2127	1946
19	1379	1471	1589	1609	1902	1740	959	1590	1520
20	887	990	1017	1247	1436	1685	820	1114	1154
21	787	798	849	999	1391	1607	818	966	1035
22	564	686	668	760	1247	1589	600	785	865
23	377	429	426	528	1057	1436	392	563	657
<b>TOTALS</b>									
12 hour (0700-1900)	32542	35136	33423	35779	36001	33013	20117	34579	32269
am peak (0700-1000)	9402	10137	9421	10092	9674	6004	2656	9747	32031
off peak (1000-1600)	15727	17176	16326	17633	18406	20609	13696	17053	29972
pm peak (1600-1900)	7413	7823	7676	8054	7921	6400	3765	7779	27795
24 hour (0000-2400)	38188	41065	39653	42643	45061	45015	30047	41325	25850



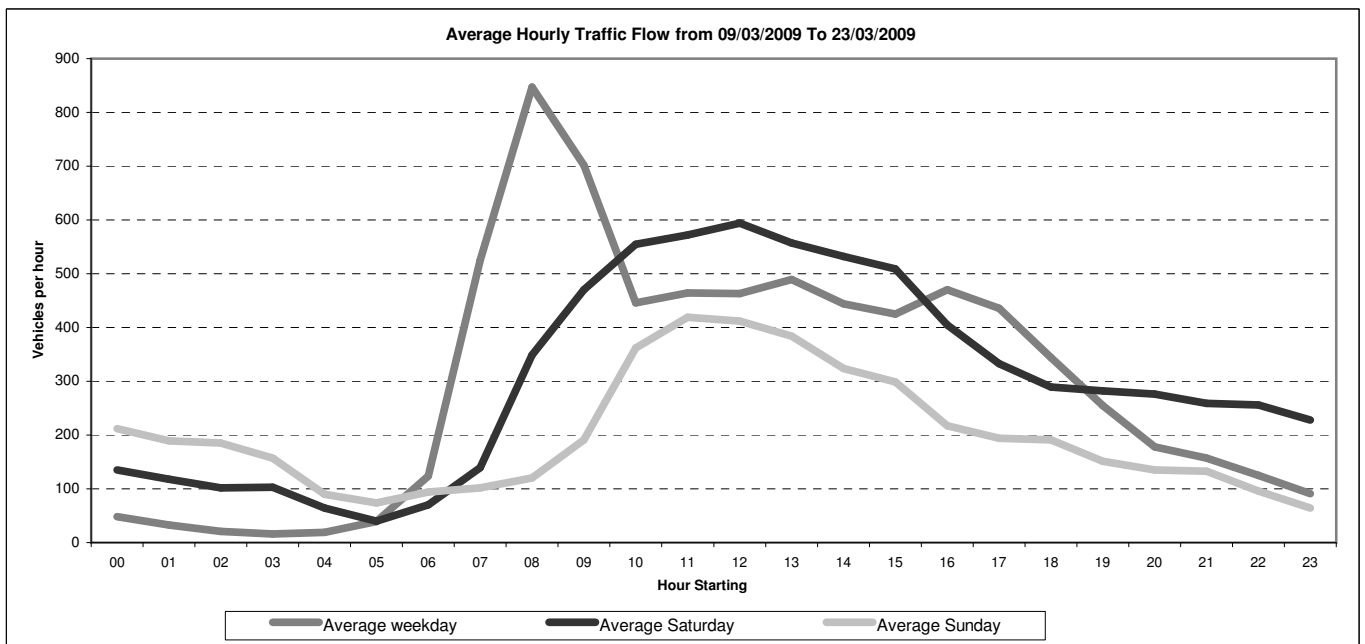


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 23/03/2009**  
**Site No: 00110181 A676 Folds Road Bolton**

**Southwest bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	48	42	46	44	59	135	212	48	84
01	35	25	31	26	46	118	189	33	67
02	20	16	22	18	28	102	185	21	56
03	11	11	16	20	24	103	157	16	49
04	17	18	18	20	23	64	90	19	36
05	40	34	35	42	42	40	74	39	44
06	121	125	118	132	124	70	94	124	112
07	533	535	505	533	517	139	102	525	409
08	809	870	823	876	856	349	120	847	672
09	688	738	643	753	689	470	191	702	596
10	404	461	412	483	472	555	362	446	450
11	431	474	435	486	496	572	419	464	473
12	414	474	441	490	497	594	412	463	475
13	446	499	479	496	526	557	384	489	484
14	419	420	421	464	495	532	324	444	439
15	391	423	396	440	473	509	299	425	419
16	438	475	453	494	488	405	217	470	424
17	419	435	439	443	442	333	194	436	386
18	341	344	334	354	348	289	191	344	314
19	218	238	258	256	307	282	151	255	244
20	139	165	164	197	226	276	135	178	186
21	126	134	136	159	228	259	133	157	168
22	89	112	107	120	195	256	96	125	139
23	62	68	68	84	173	228	64	91	107
<b>TOTALS</b>									
12 hour (0700-1900)	5733	6148	5781	6312	6299	5304	3215	6055	5541
am peak (0700-1000)	2030	2143	1971	2162	2062	958	413	2074	1677
off peak (1000-1600)	2505	2751	2584	2859	2959	3319	2200	2731	2740
pm peak (1600-1900)	1198	1254	1226	1291	1278	1027	602	1250	1124
24 hour (0000-2400)	6659	7136	6800	7430	7774	7237	4795	7161	6833

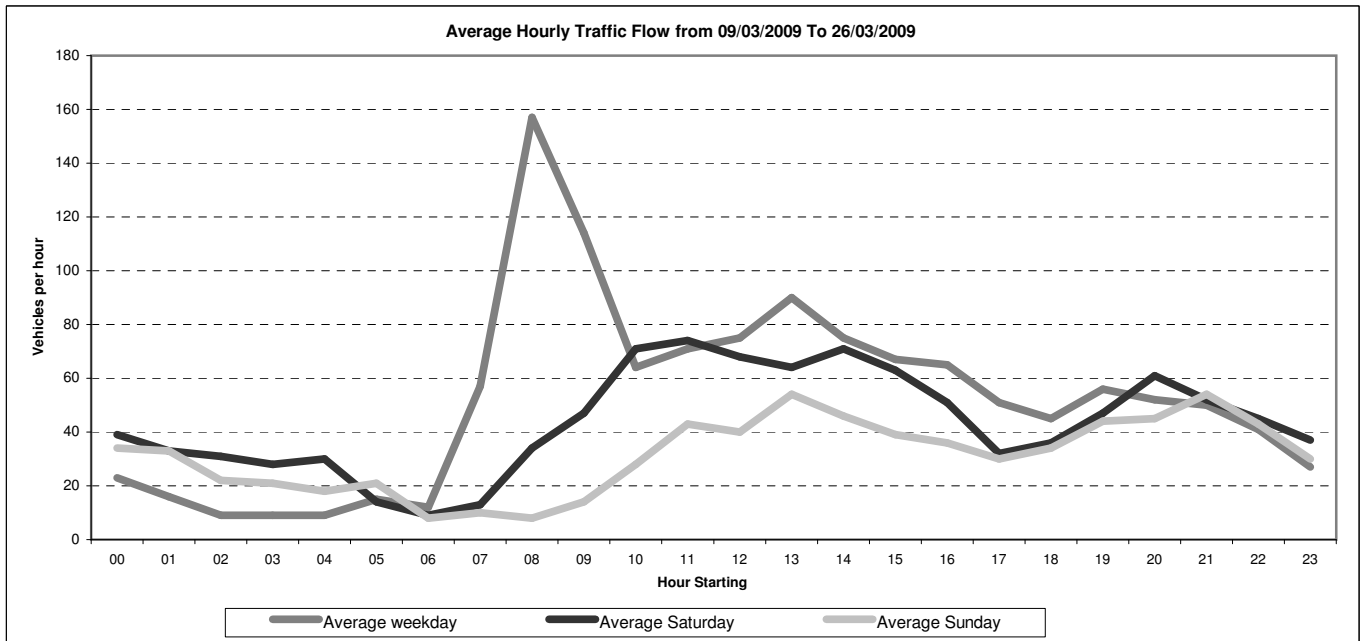


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 26/03/2009**  
**Site No: 00110190 Carlton Street Bolton**

**Northwest bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	23	16	19	24	33	39	34	23	27
01	15	10	13	15	26	33	33	16	21
02	8	4	9	12	10	31	22	9	14
03	4	5	9	14	15	28	21	9	14
04	8	7	6	11	13	30	18	9	13
05	17	10	12	18	16	14	21	15	15
06	18	12	10	10	10	9	8	12	11
07	58	58	57	51	63	13	10	57	44
08	159	163	174	152	135	34	8	157	118
09	121	116	105	124	103	47	14	114	90
10	65	74	69	58	54	71	28	64	60
11	67	70	75	68	74	74	43	71	67
12	74	72	74	80	76	68	40	75	69
13	79	91	101	79	102	64	54	90	81
14	75	77	71	75	78	71	46	75	70
15	74	69	59	64	69	63	39	67	62
16	58	63	68	70	67	51	36	65	59
17	48	51	54	46	58	32	30	51	46
18	36	49	46	50	43	36	34	45	42
19	55	53	50	60	61	47	44	56	53
20	49	48	47	61	57	61	45	52	53
21	44	44	51	52	57	52	54	50	51
22	30	42	43	38	53	45	43	41	42
23	20	20	24	31	40	37	30	27	29
<b>TOTALS</b>									
12 hour (0700-1900)	914	953	953	917	922	624	382	931	808
am peak (0700-1000)	338	337	336	327	301	94	32	328	252
off peak (1000-1600)	434	453	449	424	453	411	250	442	409
pm peak (1600-1900)	142	163	168	166	168	119	100	161	147
24 hour (0000-2400)	1205	1224	1246	1263	1313	1050	755	1250	1151



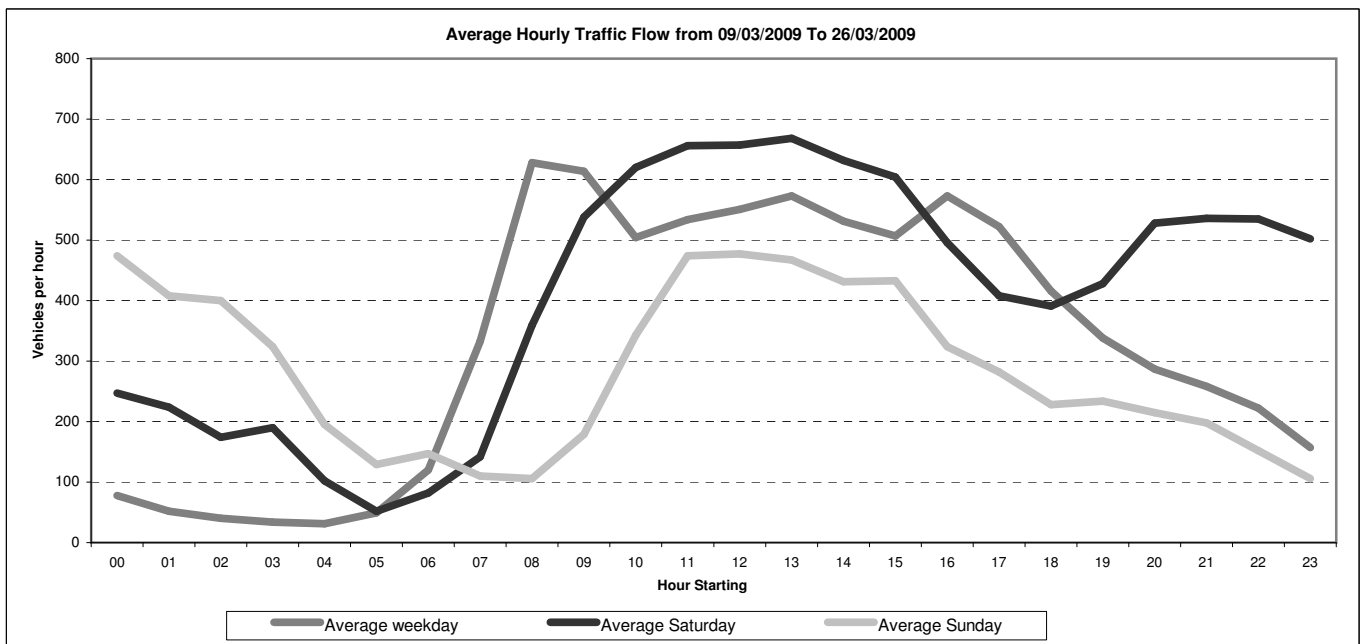


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 26/03/2009**  
**Site No: 00110200 A575 Bradshawgate Bolton**

**North bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	68	61	82	76	103	247	474	78	159
01	51	35	50	46	80	224	408	52	128
02	33	27	40	40	60	174	400	40	111
03	29	19	30	42	49	190	324	34	98
04	28	28	31	30	38	102	195	31	65
05	45	45	47	50	58	52	129	49	61
06	130	120	123	110	115	82	147	120	118
07	324	342	337	335	326	142	110	333	274
08	631	639	620	623	626	359	106	628	515
09	603	632	588	640	608	538	179	614	541
10	453	496	488	534	547	620	343	504	497
11	522	533	512	557	544	656	474	534	543
12	511	557	557	552	578	657	477	551	556
13	581	537	603	564	580	668	467	573	571
14	542	501	523	516	574	632	431	531	531
15	490	504	469	503	571	604	433	507	511
16	525	570	547	620	601	496	324	573	526
17	508	509	532	524	537	408	282	522	471
18	390	426	401	440	424	391	228	416	386
19	287	316	332	348	406	428	234	338	336
20	215	257	235	329	398	528	215	287	311
21	200	201	207	275	406	536	198	258	289
22	151	173	192	220	375	535	152	222	257
23	92	130	124	147	292	502	106	157	199
<b>TOTALS</b>									
12 hour (0700-1900)	6080	6246	6177	6408	6516	6171	3854	6286	5922
am peak (0700-1000)	1558	1613	1545	1598	1560	1039	395	1575	1330
off peak (1000-1600)	3099	3128	3152	3226	3394	3837	2625	3200	3209
pm peak (1600-1900)	1423	1505	1480	1584	1562	1295	834	1511	1383
24 hour (0000-2400)	7409	7658	7670	8121	8896	9771	6836	7952	8054

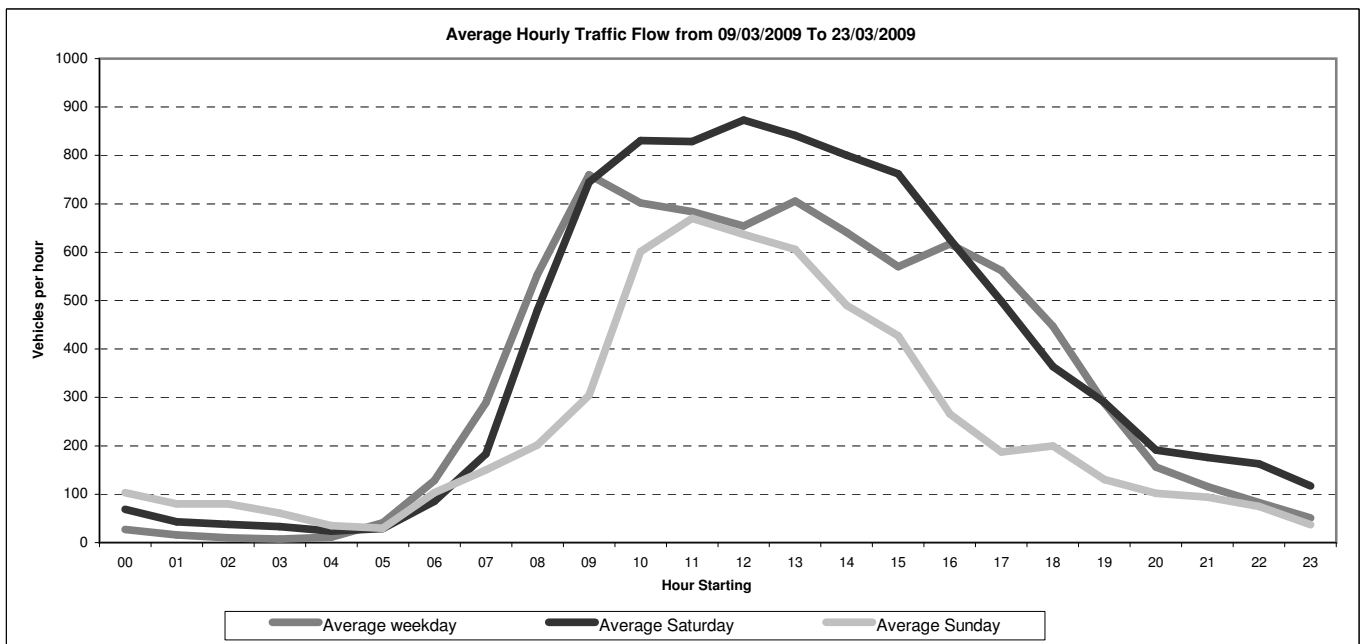


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 23/03/2009**  
**Site No: 00110211 Black Horse Street Bolton**

**North bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	23	28	23	25	36	69	103	27	44
01	16	13	14	17	18	43	80	16	29
02	12	10	12	4	10	38	80	10	24
03	10	2	6	4	13	33	61	7	18
04	6	12	7	12	17	24	35	11	16
05	46	37	38	44	41	29	30	41	38
06	116	130	127	140	126	85	103	128	118
07	286	306	273	295	287	183	150	289	254
08	498	561	533	586	590	481	202	554	493
09	711	793	743	803	748	745	304	760	692
10	632	736	662	749	732	831	601	702	706
11	596	723	661	714	727	829	670	684	703
12	578	671	635	704	682	873	637	654	683
13	625	737	678	752	738	841	606	706	711
14	581	602	660	657	706	800	490	641	642
15	485	533	588	580	662	762	427	570	577
16	558	597	626	631	674	627	266	617	568
17	523	570	536	577	602	499	187	562	499
18	437	437	443	450	468	364	200	447	400
19	226	263	290	296	363	290	130	288	265
20	117	130	159	175	200	191	102	156	153
21	106	91	120	119	144	176	94	116	121
22	66	78	70	82	119	163	75	83	93
23	47	37	37	45	90	117	37	51	59
<b>TOTALS</b>									
12 hour (0700-1900)	6510	7266	7038	7498	7616	7835	4740	7186	6928
am peak (0700-1000)	1495	1660	1549	1684	1625	1409	656	1603	1439
off peak (1000-1600)	3497	4002	3884	4156	4247	4936	3431	3957	4022
pm peak (1600-1900)	1518	1604	1605	1658	1744	1490	653	1626	1467
24 hour (0000-2400)	7301	8097	7941	8461	8793	9093	5670	8120	7906

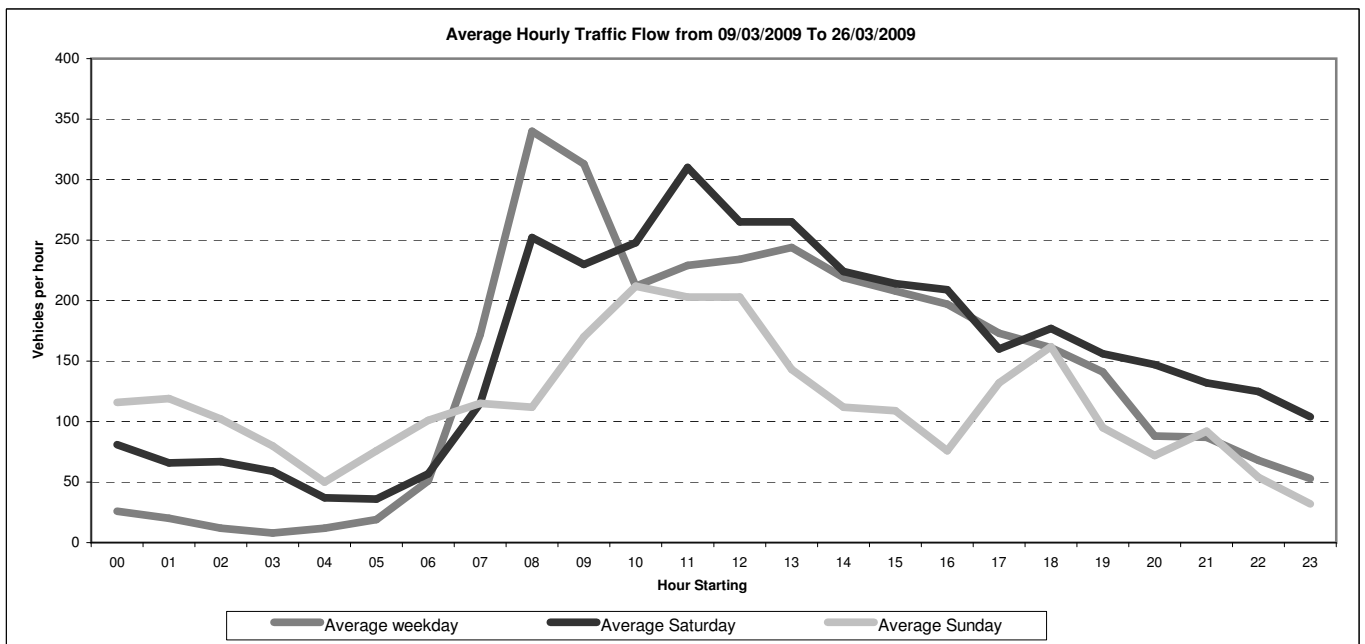


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 26/03/2009**  
**Site No: 00110220 Ormrod Street Bolton**

East bound

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	28	23	20	30	27	81	116	26	46
01	24	15	20	15	24	66	119	20	40
02	13	9	16	9	14	67	102	12	33
03	5	7	9	8	12	59	80	8	26
04	14	8	11	12	14	37	50	12	21
05	13	24	16	23	18	36	76	19	29
06	34	62	39	63	55	57	101	51	59
07	164	181	163	179	175	115	115	172	156
08	280	399	328	358	334	252	112	340	295
09	267	376	264	329	328	230	170	313	281
10	179	225	187	224	245	248	212	212	217
11	206	251	174	253	260	310	203	229	237
12	198	268	186	264	256	265	203	234	234
13	225	282	215	237	263	265	143	244	233
14	188	241	171	237	259	224	112	219	205
15	187	233	162	230	230	214	109	208	195
16	196	223	156	227	183	209	76	197	181
17	171	183	176	177	158	160	132	173	165
18	178	162	148	143	174	177	162	161	163
19	108	134	136	143	184	156	95	141	137
20	75	78	85	83	120	147	72	88	94
21	76	80	66	86	128	132	92	87	94
22	55	63	60	56	104	125	54	68	74
23	37	35	43	47	104	104	32	53	57
<b>TOTALS</b>									
12 hour (0700-1900)	2439	3024	2330	2858	2865	2669	1749	2702	2562
am peak (0700-1000)	711	956	755	866	837	597	397	825	732
off peak (1000-1600)	1183	1500	1095	1445	1513	1526	982	1346	1321
pm peak (1600-1900)	545	568	480	547	515	546	370	531	509
24 hour (0000-2400)	2921	3562	2851	3433	3669	3736	2738	3287	3272

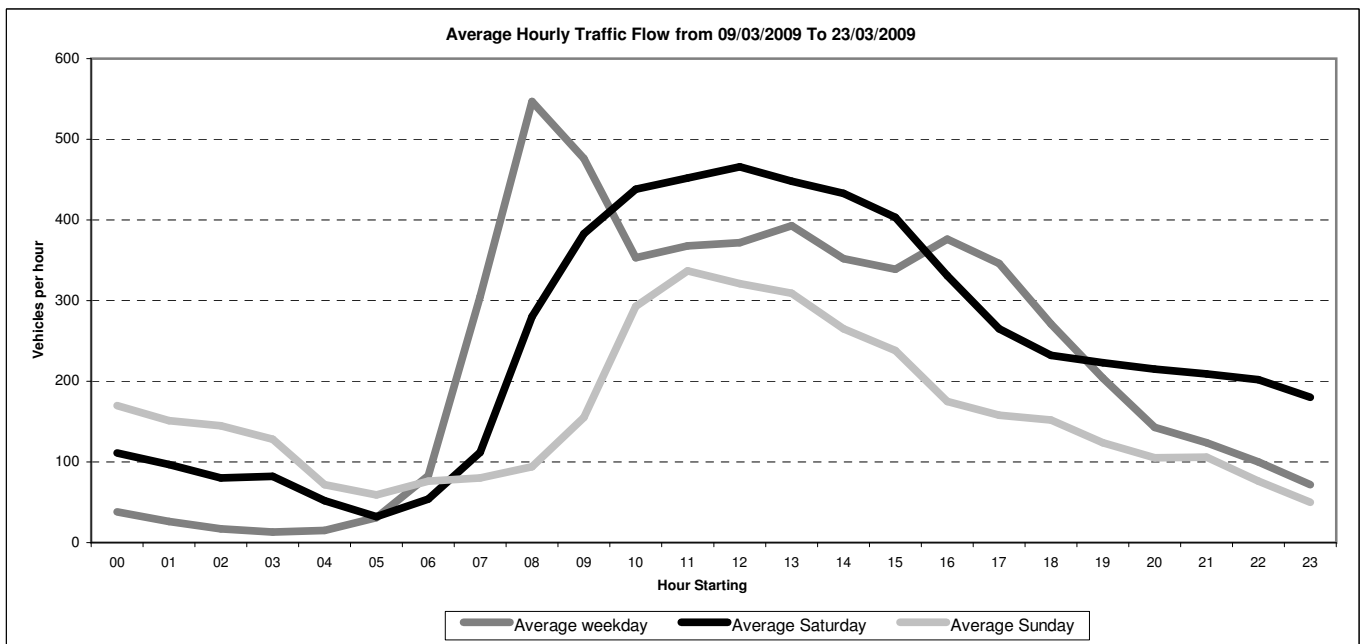


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 23/03/2009**  
**Site No: 00110231 A676 Deansgate Bolton**

East bound

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	39	32	38	36	47	111	170	38	68
01	28	19	25	22	36	97	151	26	54
02	16	14	18	16	23	80	145	17	45
03	9	8	14	15	20	82	128	13	39
04	13	16	14	15	19	52	72	15	29
05	33	28	29	33	33	32	59	31	35
06	82	86	80	86	82	54	76	83	78
07	294	322	298	311	298	112	80	305	245
08	524	563	540	558	549	280	94	547	444
09	451	511	438	508	471	383	155	476	417
10	316	358	324	384	382	438	293	353	356
11	338	378	342	385	395	452	337	368	375
12	328	382	363	389	396	466	321	372	378
13	363	399	383	398	423	448	309	393	389
14	327	339	334	366	396	433	265	352	351
15	303	342	323	349	378	403	238	339	334
16	350	376	358	399	397	331	175	376	341
17	334	337	359	351	347	265	158	346	307
18	258	268	270	285	276	232	152	271	249
19	177	190	204	209	241	223	124	204	195
20	112	126	132	161	185	215	105	143	148
21	101	102	110	129	177	209	106	124	133
22	71	89	83	97	162	202	76	100	111
23	48	55	54	68	133	180	50	72	84
<b>TOTALS</b>									
12 hour (0700-1900)	4186	4575	4332	4683	4708	4243	2577	4498	4186
am peak (0700-1000)	1269	1396	1276	1377	1318	775	329	1328	1106
off peak (1000-1600)	1975	2198	2069	2271	2370	2640	1763	2177	2183
pm peak (1600-1900)	942	981	987	1035	1020	828	485	993	897
24 hour (0000-2400)	4915	5340	5133	5570	5866	5780	3839	5364	5205

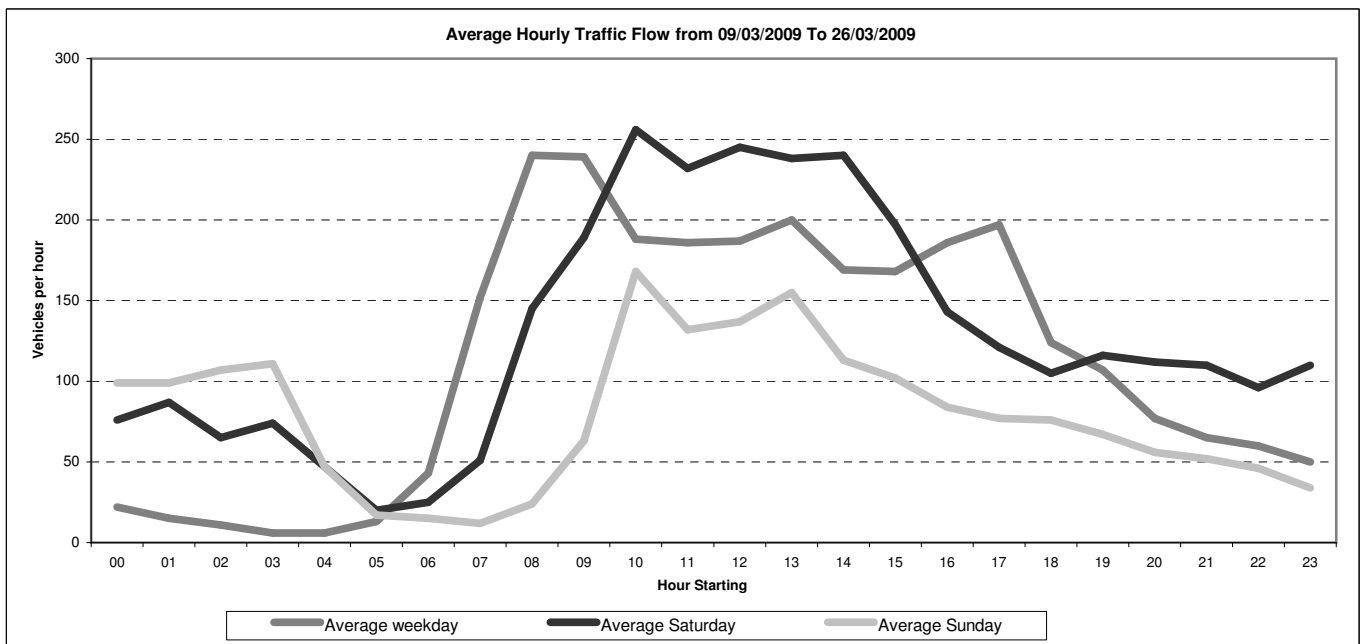


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 26/03/2009**  
**Site No: 00110240 B6205 St George's Road Bolton**

East bound

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	20	23	25	15	28	76	99	22	41
01	16	9	18	10	23	87	99	15	37
02	8	11	14	6	15	65	107	11	32
03	3	6	8	6	7	74	111	6	31
04	6	4	9	7	5	47	47	6	18
05	16	14	11	11	15	20	17	13	15
06	41	43	47	43	41	25	15	43	36
07	153	152	149	156	149	51	12	152	117
08	234	238	238	253	238	145	24	240	196
09	227	230	241	256	240	189	63	239	207
10	188	180	185	190	197	256	168	188	195
11	177	186	181	189	196	232	132	186	185
12	192	192	181	168	202	245	137	187	188
13	197	191	191	193	226	238	155	200	199
14	159	156	179	161	191	240	113	169	171
15	161	172	162	176	169	197	102	168	163
16	177	183	179	191	198	143	84	186	165
17	185	207	212	201	178	121	77	197	169
18	108	112	126	149	124	105	76	124	114
19	118	96	107	99	113	116	67	107	102
20	73	67	64	83	98	112	56	77	79
21	45	52	62	67	97	110	52	65	69
22	41	51	42	59	108	96	46	60	63
23	32	39	29	42	108	110	34	50	56
<b>TOTALS</b>									
12 hour (0700-1900)	2158	2199	2224	2283	2308	2162	1143	2236	2069
am peak (0700-1000)	614	620	628	665	627	385	99	631	520
off peak (1000-1600)	1074	1077	1079	1077	1181	1408	807	1098	1101
pm peak (1600-1900)	470	502	517	541	500	369	237	507	448
24 hour (0000-2400)	2577	2614	2660	2731	2966	3100	1893	2711	2648

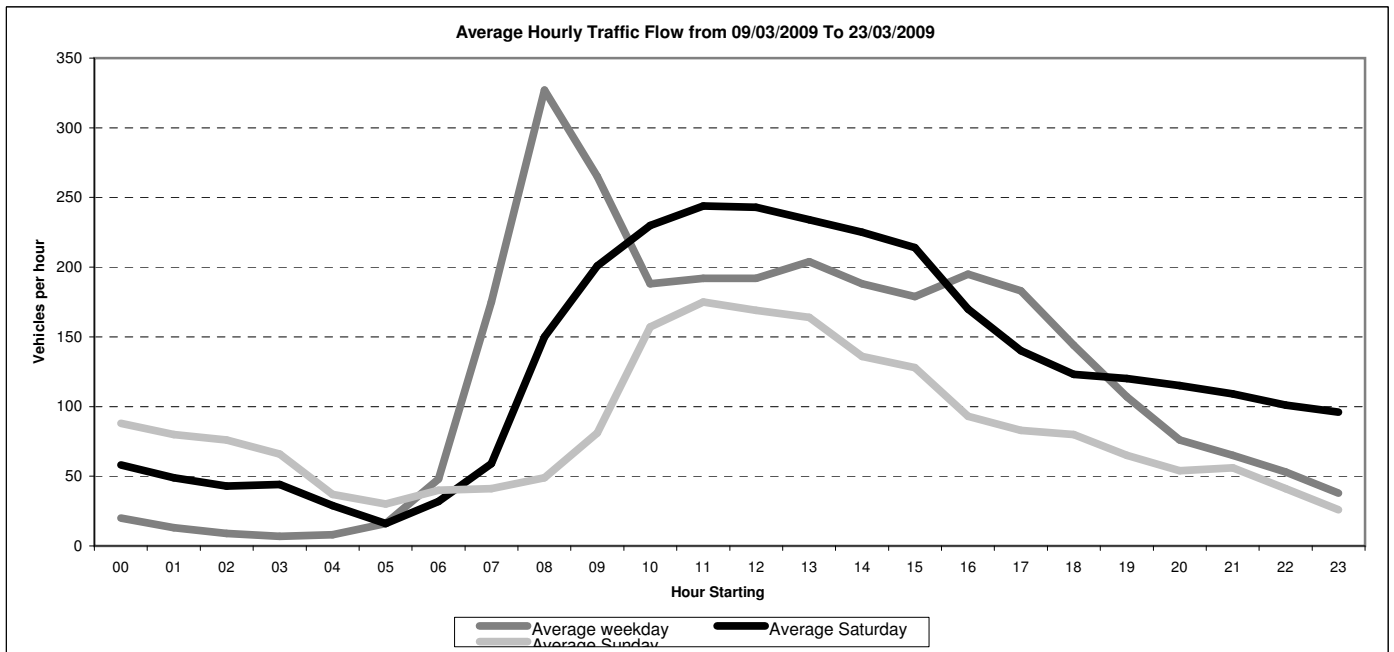


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 23/03/2009**  
**Site No: 00110251 B6206 Higher Bridge Street Bolton**

**South bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	20	18	21	18	25	58	88	20	35
01	15	8	13	11	18	49	80	13	28
02	8	8	9	8	12	43	76	9	23
03	5	4	8	9	10	44	66	7	21
04	6	8	8	8	9	29	37	8	15
05	16	14	15	17	17	16	30	16	18
06	45	51	47	50	47	32	40	48	45
07	176	184	169	175	172	59	41	175	139
08	315	336	320	336	328	150	49	327	262
09	261	275	240	289	262	201	81	265	230
10	170	193	171	203	201	230	157	188	189
11	180	195	175	202	206	244	175	192	197
12	170	201	182	201	206	243	169	192	196
13	195	202	198	203	221	234	164	204	202
14	178	181	176	194	211	225	136	188	186
15	165	180	168	183	200	214	128	179	177
16	173	198	186	212	207	170	93	195	177
17	177	184	180	188	184	140	83	183	162
18	140	140	146	146	146	123	80	144	132
19	94	97	110	108	128	120	65	107	103
20	60	70	70	84	96	115	54	76	78
21	54	53	57	68	94	109	56	65	70
22	39	46	45	52	84	101	41	53	58
23	26	30	29	35	71	96	26	38	45
<b>TOTALS</b>									
12 hour (0700-1900)	2300	2469	2311	2532	2544	2233	1356	2432	2249
am peak (0700-1000)	752	795	729	800	762	410	171	767	631
off peak (1000-1600)	1058	1152	1070	1186	1245	1390	929	1143	1147
pm peak (1600-1900)	490	522	512	546	537	433	256	522	471
24 hour (0000-2400)	2688	2876	2743	3000	3155	3045	2015	2892	2788



**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 09/03/2009 To 23/03/2009**  
**Site No: 00110261 A666 offslip to St George's St Bolton**

**Northwest bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	15	14	10	7	14	31	55	12	17
01	4	7	4	3	11	25	35	6	11
02	3	4	7	1	3	30	31	4	7
03	1	3	6	2	4	28	30	3	10
04	6	14	6	5	9	16	39	8	10
05	18	12	19	21	20	12	35	18	16
06	31	27	33	34	37	19	31	32	26
07	160	168	159	149	152	44	49	158	120
08	284	280	278	264	269	133	54	275	218
09	191	169	195	200	161	160	61	183	158
10	126	141	132	149	142	185	107	138	140
11	122	133	156	144	159	186	131	143	147
12	153	167	174	163	176	218	137	167	170
13	147	136	165	157	177	179	122	156	155
14	150	153	135	186	186	189	121	162	160
15	204	185	182	190	204	185	91	193	177
16	248	285	233	269	241	112	86	255	211
17	248	261	275	241	215	105	72	248	202
18	189	178	193	176	141	76	70	175	146
19	96	84	102	90	99	78	49	94	85
20	47	49	61	74	56	40	36	57	52
21	35	41	40	44	60	24	33	44	40
22	22	32	26	36	47	66	17	33	28
23	13	15	18	29	46	62	13	24	21
<b>TOTALS</b>									
12 hour (0700-1900)	2222	2256	2277	2288	2223	1772	1100.55841	2253	2004
am peak (0700-1000)	635	617	632	613	582	337	163.558413	616	496
off peak (1000-1600)	902	915	944	989	1044	1142	709	959	949
pm peak (1600-1900)	685	724	701	686	597	293	228	678	559
24 hour (0000-2400)	2513	2558	2609	2634	2629	2203	1506	2588	2327

