Appendix C – Mode Share Calculations

Retail Mode Share Calculations

Altered Retail Mode Share

Car Driver Capped % **0**

Retail GFA m2 11475

Retail Primary Trips

		AM In	AM Out	PM In	PM Out	Dailiy
Work Mainly at or From Home	0.17%	1	1	1	1	18
Underground, Metro, Light Rail, Tram	0.04%	0	0	0	0	5
Train	37.30%	133	108	230	226	3960
Bus, Minibus or Coach	39.69%	142	115	244	241	4214
Taxi	0.12%	0	0	1	1	13
Motorcycle, Scooter or Moped	0.56%	2	2	3	3	59
Driving a Car or Van	0.00%	0	0	0	0	0
Passenger in a Car or Van	0.00%	0	0	0	0	0
Bicycle	3.82%	14	11	24	23	406
On Foot	18.14%	65	52	112	110	1926
Other Method of Travel to Work	0.15%	1	0	1	1	16
Total	100.00%	357	289	615	607	10618

Trip Rate (from SH2)

	AM In	AM Out	PM In	PM Out	Dailiy
Neighbourhood Shopping All Modes (per 100m2)	12.43	10.06	21.45	21.15	370.11

Trips - People

		AM In	AM Out	PM In	PM Out	Dailiy
Primary Trips	25.00%	357	289	615	607	10618
Linked Trips	75.00%	1070	866	1846	1820	31853
Total Trips	100.00%	1426	1154	2461	2427	42470

SUMMARY OF TRIPS TO 00MCMR0022 OUTPUT AREA (READING) BY ZONE - 2001 CENSUS DATA

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other
1	Birch Copse	370	9	169	120	57	0	0	6	3	6	0	0
2	Burghfield	158	0	56	78	12	0	0	0	0	9	0	3
3	Calcot	450	9	241	145	52	0	0	0	0	3	0	0
4	Mortimer	56	0	6	18	3	0	0	3	0	26	0	0
5	Theale	94	3	22	42	3	0	0	0	0	24	0	0
6	Purley on Thames	246	6	93	93	25	0	0	0	0	26	0	3
7	Westwood	111	0	63	30	9	0	0	0	0	9	0	0
8	Abbey	330	15	45	25	3	210	24	0	0	3	0	5
9	Battle	879	24	217	105	30	476	0	0	0	21	0	6
10	Caversham	497	33	121	100	18	216	0	0	3	6	0	0
11	Church	454	29	215	80	24	97	0	0	3	6	0	0
12	Katesgrove	568	27	69	57	6	391	0	6	0	6	6	0
13	Kentwood	385	9	189	90	44	21	0	6	0	26	0	0
14	Mapledurham	73	3	26	29	6	6	0	0	0	3	0	0
15	Minster	505	12	106	82	33	266	0	0	0	6	0	0
16	Norcot	411	27	214	87	21	50	0	3	0	9	0	0
17	Park	461	43	212	52	9	139	0	0	0	6	0	0
18	Peppard	375	15	194	109	33	24	0	0	0	0	0	0
19	Redlands	372	33	77	54	6	202	0	0	0	0	0	0
20	Southcote	301	6	185	60	15	29	0	3	0	3	0	0
21	Thames	311	18	87	99	30	62	0	6	0	9	0	0
22	Tilehurst	453	9	273	102	48	9	0	9	0	3	0	0
23	Whitley	307	9	203	62	15	18	0	0	0	0	0	0
24	Bulmershe and Whitegates	271	21	143	71	24	6	0	0	0	6	0	0
25	Charvil	35	0	13	13	0	0	0	0	0	9	0	0
26	Coronation	215	6	116	69	12	0	0	3	0	9	0	0
27	Hawkedon	388	24	183	130	36	0	0	3	3	9	0	0
28	Hillside	236	3	125	81	18	3	0	3	0	3	0	0
29	Loddon	237	9	132	72	15	0	0	3	0	6	0	0
30	Maiden Erlegh	258	6	125	71	25	11	0	0	0	20	0	0
31	Shinfield North	86	0	59	27	0	0	0	0	0	0	0	0
32	Shinfield South	96	3	40	50	3	0	0	0	0	0	0	0
33	Sonning	30	3	10	17	0	0	0	0	0	0	0	0
34	South Lake	165	6	87	36	6	0	0	3	0	27	0	0
35	Winnersh	165	0	41	63	9	0	0	0	0	52	0	0
36	Shiplake	65	3	9	35	12	0	0	0	0	6	0	0
37	Sonning Common	61	0	31	15	6	6	0	3	0	0	0	0
38	Henley On Thames	52	0	6	28	0	0	0	0	0	15	3	0
39	Twyford and Wargrave	70	0	6	18	9	0	0	0	0	37	0	0
40	Maidenhead	136	0	3	57	3	0	0	0	0	73	0	0
41	Wokingham	240	0	21	103	9	3	0	3	0	95	3	3
42	Bracknell	180	0	12	69	3	3	0	3	0	87	0	3
43	Basingstoke	144	0	3	66	6	0	0	0	0	69	0	0
44	Oxford	69	0	6	21	6	3	0	0	0	33	0	0
45	North East	758	3	30	328	12	9	0	0	0	340	33	3
46	South East	911	0	60	381	27	6	0	16	0	412	9	0
47	South West	1029	6	61	459	27	39	0	12	0	419	3	3
48	North West	705	3	45	222	27	33	0	6	0	366	0	3
49	Between M4 East and River	141	0	0	68	0	0	0	0	0	73	0	0
	Total Trips =	**14910**	**435**	**4450**	**4289**	**797**	**2338**	**24**	**100**	**12**	**2376**	**57**	**32**

Distribution Proportions

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other
1	Birch Copse	0.02482	0.02069	0.03798	0.02798	0.07152	0.00000	0.00000	0.06000	0.25000	0.00253	0.00000	0.00000
2	Burghfield	0.01060	0.00000	0.01258	0.01819	0.01506	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.09375
3	Calcot	0.03018	0.02069	0.05416	0.03381	0.06524	0.00000	0.00000	0.00000	0.00000	0.00126	0.00000	0.00000
4	Mortimer	0.00376	0.00000	0.00135	0.00420	0.00376	0.00000	0.00000	0.03000	0.00000	0.01094	0.00000	0.00000
5	Theale	0.00630	0.00690	0.00494	0.00979	0.00376	0.00000	0.00000	0.00000	0.00000	0.01010	0.00000	0.00000
6	Purley on Thames	0.01650	0.01379	0.02090	0.02168	0.03137	0.00000	0.00000	0.00000	0.00000	0.01094	0.00000	0.09375
7	Westwood	0.00744	0.00000	0.01416	0.00699	0.01129	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.00000
8	Abbey	0.02213	0.03448	0.01011	0.00583	0.00376	0.08982	1.00000	0.00000	0.00000	0.00126	0.00000	0.15625
9	Battle	0.05895	0.05517	0.04876	0.02448	0.03764	0.20359	0.00000	0.00000	0.00000	0.00884	0.00000	0.18750
10	Caversham	0.03333	0.07586	0.02719	0.02332	0.02258	0.09239	0.00000	0.00000	0.25000	0.00253	0.00000	0.00000
11	Church	0.03045	0.06667	0.04831	0.01865	0.03011	0.04149	0.00000	0.00000	0.25000	0.00253	0.00000	0.00000
12	Katesgrove	0.03810	0.06207	0.01551	0.01329	0.00753	0.16724	0.00000	0.06000	0.00000	0.00253	0.10526	0.00000
13	Kentwood	0.02582	0.02069	0.04247	0.02098	0.05521	0.00898	0.00000	0.06000	0.00000	0.01094	0.00000	0.00000
14	Mapledurham	0.00490	0.00690	0.00584	0.00676	0.00753	0.00257	0.00000	0.00000	0.00000	0.00126	0.00000	0.00000
15	Minster	0.03387	0.02759	0.02382	0.01912	0.04141	0.11377	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
16	Norcot	0.02757	0.06207	0.04809	0.02028	0.02635	0.02139	0.00000	0.03000	0.00000	0.00379	0.00000	0.00000
17	Park	0.03092	0.09885	0.04764	0.01212	0.01129	0.05945	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
18	Peppard	0.02515	0.03448	0.04360	0.02541	0.04141	0.01027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
19	Redlands	0.02495	0.07586	0.01730	0.01259	0.00753	0.08640	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
20	Southcote	0.02019	0.01379	0.04157	0.01399	0.01882	0.01240	0.00000	0.03000	0.00000	0.00126	0.00000	0.00000
21	Thames	0.02086	0.04138	0.01955	0.02308	0.03764	0.02652	0.00000	0.06000	0.00000	0.00379	0.00000	0.00000
22	Tilehurst	0.03038	0.02069	0.06135	0.02378	0.06023	0.00385	0.00000	0.09000	0.00000	0.00126	0.00000	0.00000
23	Whitley	0.02059	0.02069	0.04562	0.01446	0.01882	0.00770	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
24	Bulmershe and Whitegates	0.01818	0.04828	0.03213	0.01655	0.03011	0.00257	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
25	Charvil	0.00235	0.00000	0.00292	0.00303	0.00000	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.00000
26	Coronation	0.01442	0.01379	0.02607	0.01609	0.01506	0.00000	0.00000	0.03000	0.00000	0.00379	0.00000	0.00000
27	Hawkedon	0.02602	0.05517	0.04112	0.03031	0.04517	0.00000	0.00000	0.03000	0.25000	0.00379	0.00000	0.00000
28	Hillside	0.01583	0.00690	0.02809	0.01889	0.02258	0.00128	0.00000	0.03000	0.00000	0.00126	0.00000	0.00000
29	Loddon	0.01590	0.02069	0.02966	0.01679	0.01882	0.00000	0.00000	0.03000	0.00000	0.00253	0.00000	0.00000
30	Maiden Erlegh	0.01730	0.01379	0.02809	0.01655	0.03137	0.00470	0.00000	0.00000	0.00000	0.00842	0.00000	0.00000
31	Shinfield North	0.00577	0.00000	0.01326	0.00630	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
32	Shinfield South	0.00644	0.00690	0.00899	0.01166	0.00376	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
33	Sonning	0.00201	0.00690	0.00225	0.00396	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
34	South Lake	0.01107	0.01379	0.01955	0.00839	0.00753	0.00000	0.00000	0.03000	0.00000	0.01136	0.00000	0.00000
35	Winnersh	0.01107	0.00000	0.00921	0.01469	0.01129	0.00000	0.00000	0.00000	0.00000	0.02189	0.00000	0.00000
36	Shiplake	0.00436	0.00690	0.00202	0.00816	0.01506	0.00000	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
37	Sonning Common	0.00409	0.00000	0.00697	0.00350	0.00753	0.00257	0.00000	0.03000	0.00000	0.00000	0.00000	0.00000
38	Henley On Thames	0.00349	0.00000	0.00135	0.00653	0.00000	0.00000	0.00000	0.00000	0.00000	0.00631	0.05263	0.00000
39	Twyford and Wargrave	0.00469	0.00000	0.00135	0.00420	0.01129	0.00000	0.00000	0.00000	0.00000	0.01557	0.00000	0.00000
40	Maidenhead	0.00912	0.00000	0.00067	0.01329	0.00376	0.00000	0.00000	0.00000	0.00000	0.03072	0.00000	0.00000
41	Wokingham	0.01610	0.00000	0.00472	0.02401	0.01129	0.00128	0.00000	0.03000	0.00000	0.03998	0.05263	0.09375
42	Bracknell	0.01207	0.00000	0.00270	0.01609	0.00376	0.00128	0.00000	0.03000	0.00000	0.03662	0.00000	0.09375
43	Basingstoke	0.00966	0.00000	0.00067	0.01539	0.00753	0.00000	0.00000	0.00000	0.00000	0.02904	0.00000	0.00000
44	Oxford	0.00463	0.00000	0.00135	0.00490	0.00753	0.00128	0.00000	0.00000	0.00000	0.01389	0.00000	0.00000
45	North East	0.05084	0.00690	0.00674	0.07647	0.01506	0.00385	0.00000	0.00000	0.00000	0.14310	0.57895	0.09375
46	South East	0.06110	0.00000	0.01348	0.08883	0.03388	0.00257	0.00000	0.16000	0.00000	0.17340	0.15789	0.00000
47	South West	0.06901	0.01379	0.01371	0.10702	0.03388	0.01668	0.00000	0.12000	0.00000	0.17635	0.05263	0.09375
48	North West	0.04728	0.00690	0.01011	0.05176	0.03388	0.01411	0.00000	0.06000	0.00000	0.15404	0.00000	0.09375
49	Between M4 East and River	0.00946	0.00000	0.00000	0.01585	0.00000	0.00000	0.00000	0.00000	0.00000	0.03072	0.00000	0.00000
		1	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

Mode share

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse	1.00000	0.02432	0.45676	0.32432	0.15405	0.00000	0.00000	0.01622	0.00811	0.01622	0.00000	0.00000	1.00000
2	Burghfield	1.00000	0.00000	0.35443	0.49367	0.07595	0.00000	0.00000	0.00000	0.00000	0.05696	0.00000	0.01899	1.00000
3	Calcot	1.00000	0.02000	0.53556	0.32222	0.11556	0.00000	0.00000	0.00000	0.00000	0.00667	0.00000	0.00000	1.00000
4	Mortimer	1.00000	0.00000	0.10714	0.32143	0.05357	0.00000	0.00000	0.05357	0.00000	0.46429	0.00000	0.00000	1.00000
5	Theale	1.00000	0.03191	0.23404	0.44681	0.03191	0.00000	0.00000	0.00000	0.00000	0.25532	0.00000	0.00000	1.00000
6	Purley on Thames	1.00000	0.02439	0.37805	0.37805	0.10163	0.00000	0.00000	0.00000	0.00000	0.10569	0.00000	0.01220	1.00000
7	Westwood	1.00000	0.00000	0.56757	0.27027	0.08108	0.00000	0.00000	0.00000	0.00000	0.08108	0.00000	0.00000	1.00000
8	Abbey	1.00000	0.04545	0.13636	0.07576	0.00909	0.63636	0.07273	0.00000	0.00000	0.00909	0.00000	0.01515	1.00000
9	Battle	1.00000	0.02730	0.24687	0.11945	0.03413	0.54152	0.00000	0.00000	0.00000	0.02389	0.00000	0.00683	1.00000
10	Caversham	1.00000	0.06640	0.24346	0.20121	0.03622	0.43461	0.00000	0.00000	0.00604	0.01207	0.00000	0.00000	1.00000
11	Church	1.00000	0.06388	0.47357	0.17621	0.05286	0.21366	0.00000	0.00000	0.00661	0.01322	0.00000	0.00000	1.00000
12	Katesgrove	1.00000	0.04754	0.12148	0.10035	0.01056	0.68838	0.00000	0.01056	0.00000	0.01056	0.01056	0.00000	1.00000
13	Kentwood	1.00000	0.02338	0.49091	0.23377	0.11429	0.05455	0.00000	0.01558	0.00000	0.06753	0.00000	0.00000	1.00000
14	Mapledurham	1.00000	0.04110	0.35616	0.39726	0.08219	0.08219	0.00000	0.00000	0.00000	0.04110	0.00000	0.00000	1.00000
15	Minster	1.00000	0.02376	0.20990	0.16238	0.06535	0.52673	0.00000	0.00000	0.00000	0.01188	0.00000	0.00000	1.00000
16	Norcot	1.00000	0.06569	0.52068	0.21168	0.05109	0.12165	0.00000	0.00730	0.00000	0.02190	0.00000	0.00000	1.00000
17	Park	1.00000	0.09328	0.45987	0.11280	0.01952	0.30152	0.00000	0.00000	0.00000	0.01302	0.00000	0.00000	1.00000
18	Peppard	1.00000	0.04000	0.51733	0.29067	0.08800	0.06400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
19	Redlands	1.00000	0.08871	0.20699	0.14516	0.01613	0.54301	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
20	Southcote	1.00000	0.01993	0.61462	0.19934	0.04983	0.09635	0.00000	0.00997	0.00000	0.00997	0.00000	0.00000	1.00000
21	Thames	1.00000	0.05788	0.27974	0.31833	0.09646	0.19936	0.00000	0.01929	0.00000	0.02894	0.00000	0.00000	1.00000
22	Tilehurst	1.00000	0.01987	0.60265	0.22517	0.10596	0.01987	0.00000	0.01987	0.00000	0.00662	0.00000	0.00000	1.00000
23	Whitley	1.00000	0.02932	0.66124	0.20195	0.04886	0.05863	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
24	Bulmershe and Whitegates	1.00000	0.07749	0.52768	0.26199	0.08856	0.02214	0.00000	0.00000	0.00000	0.02214	0.00000	0.00000	1.00000
25	Charvil	1.00000	0.00000	0.37143	0.37143	0.00000	0.00000	0.00000	0.00000	0.00000	0.25714	0.00000	0.00000	1.00000
26	Coronation	1.00000	0.02791	0.53953	0.32093	0.05581	0.00000	0.00000	0.01395	0.00000	0.04186	0.00000	0.00000	1.00000
27	Hawkedon	1.00000	0.06186	0.47165	0.33505	0.09278	0.00000	0.00000	0.00773	0.00773	0.02320	0.00000	0.00000	1.00000
28	Hillside	1.00000	0.01271	0.52966	0.34322	0.07627	0.01271	0.00000	0.01271	0.00000	0.01271	0.00000	0.00000	1.00000
29	Loddon	1.00000	0.03797	0.55696	0.30380	0.06329	0.00000	0.00000	0.01266	0.00000	0.02532	0.00000	0.00000	1.00000
30	Maiden Erlegh	1.00000	0.02326	0.48450	0.27519	0.09690	0.04264	0.00000	0.00000	0.00000	0.07752	0.00000	0.00000	1.00000
31	Shinfield North	1.00000	0.00000	0.68605	0.31395	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
32	Shinfield South	1.00000	0.03125	0.41667	0.52083	0.03125	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
33	Sonning	1.00000	0.10000	0.33333	0.56667	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
34	South Lake	1.00000	0.03636	0.52727	0.21818	0.03636	0.00000	0.00000	0.01818	0.00000	0.16364	0.00000	0.00000	1.00000
35	Winnersh	1.00000	0.00000	0.24848	0.38182	0.05455	0.00000	0.00000	0.00000	0.00000	0.31515	0.00000	0.00000	1.00000
36	Shiplake	1.00000	0.04615	0.13846	0.53846	0.18462	0.00000	0.00000	0.00000	0.00000	0.09231	0.00000	0.00000	1.00000
37	Sonning Common	1.00000	0.00000	0.50820	0.24590	0.09836	0.09836	0.00000	0.04918	0.00000	0.00000	0.00000	0.00000	1.00000
38	Henley On Thames	1.00000	0.00000	0.11538	0.53846	0.00000	0.00000	0.00000	0.00000	0.00000	0.28846	0.05769	0.00000	1.00000
39	Twyford and Wargrave	1.00000	0.00000	0.08571	0.25714	0.12857	0.00000	0.00000	0.00000	0.00000	0.52857	0.00000	0.00000	1.00000
40	Maidenhead	1.00000	0.00000	0.02206	0.41912	0.02206	0.00000	0.00000	0.00000	0.00000	0.53676	0.00000	0.00000	1.00000
41	Wokingham	1.00000	0.00000	0.08750	0.42917	0.03750	0.01250	0.00000	0.01250	0.00000	0.39583	0.01250	0.01250	1.00000
42	Bracknell	1.00000	0.00000	0.06667	0.38333	0.01667	0.01667	0.00000	0.01667	0.00000	0.48333	0.00000	0.01667	1.00000
43	Basingstoke	1.00000	0.00000	0.02083	0.45833	0.04167	0.00000	0.00000	0.00000	0.00000	0.47917	0.00000	0.00000	1.00000
44	Oxford	1.00000	0.00000	0.08696	0.30435	0.08696	0.04348	0.00000	0.00000	0.00000	0.47826	0.00000	0.00000	1.00000
45	North East	1.00000	0.00396	0.03958	0.43272	0.01583	0.01187	0.00000	0.00000	0.00000	0.44855	0.04354	0.00396	1.00000
46	South East	1.00000	0.00000	0.06586	0.41822	0.02964	0.00659	0.00000	0.01756	0.00000	0.45225	0.00988	0.00000	1.00000
47	South West	1.00000	0.00583	0.05928	0.44606	0.02624	0.03790	0.00000	0.01166	0.00000	0.40719	0.00292	0.00292	1.00000
48	North West	1.00000	0.00426	0.06383	0.31489	0.03830	0.04681	0.00000	0.00851	0.00000	0.51915	0.00000	0.00426	1.00000
49	Between M4 East and River	1.00000	0.00000	0.00000	0.48227	0.00000	0.00000	0.00000	0.00000	0.00000	0.51773	0.00000	0.00000	1.00000
		1.00000	**0.02918**	**0.29846**	**0.28766**	**0.05345**	**0.15681**	**0.00161**	**0.00671**	**0.00080**	**0.15936**	**0.00382**	**0.00215**	1
						0.18582								

Mode share - Revised to meet modeshare requirements 0 by car driver

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.05	0.88	0.00	0.00	0.00	0.00	0.03	0.02	0.03	0.00	0.00	1.00
2	Burghfield		0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.04	1.00
3	Calcot		0.04	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.00
4	Mortimer		0.00	0.17	0.00	0.00	0.00	0.00	0.09	0.00	0.74	0.00	0.00	1.00
5	Theale		0.06	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	1.00
6	Purley on Thames		0.05	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.02	1.00
7	Westwood		0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	1.00
10	Abbey		0.05	0.15	0.00	0.00	0.70	0.08	0.00	0.00	0.01	0.00	0.02	1.00
11	Battle		0.03	0.29	0.00	0.00	0.64	0.00	0.00	0.00	0.03	0.00	0.01	1.00
12	Caversham		0.09	0.32	0.00	0.00	0.57	0.00	0.00	0.01	0.02	0.00	0.00	1.00
11	Church		0.08	0.61	0.00	0.00	0.28	0.00	0.00	0.01	0.02	0.00	0.00	1.00
14	Katesgrove		0.05	0.14	0.00	0.00	0.77	0.00	0.01	0.00	0.01	0.01	0.00	1.00
15	Kentwood		0.04	0.75	0.00	0.00	0.08	0.00	0.02	0.00	0.10	0.00	0.00	1.00
14	Mapledurham		0.08	0.68	0.00	0.00	0.16	0.00	0.00	0.00	0.08	0.00	0.00	1.00
15	Minster		0.03	0.27	0.00	0.00	0.68	0.00	0.00	0.00	0.02	0.00	0.00	1.00
16	Norcot		0.09	0.71	0.00	0.00	0.17	0.00	0.01	0.00	0.03	0.00	0.00	1.00
17	Park		0.11	0.53	0.00	0.00	0.35	0.00	0.00	0.00	0.02	0.00	0.00	1.00
18	Peppard		0.06	0.83	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.00
21	Redlands		0.11	0.25	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	1.00
20	Southcote		0.03	0.82	0.00	0.00	0.13	0.00	0.01	0.00	0.01	0.00	0.00	1.00
21	Thames		0.10	0.48	0.00	0.00	0.34	0.00	0.03	0.00	0.05	0.00	0.00	1.00
24	Tilehurst		0.03	0.90	0.00	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.00	1.00
25	Whitley		0.04	0.88	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.00
26	Bulmershe and Whitegates		0.12	0.81	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.00	0.00	1.00
25	Charvil		0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	1.00
26	Coronation		0.04	0.87	0.00	0.00	0.00	0.00	0.02	0.00	0.07	0.00	0.00	1.00
27	Hawkedon		0.11	0.82	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.00	0.00	1.00
28	Hillside		0.02	0.91	0.00	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00	1.00
29	Loddon		0.06	0.88	0.00	0.00	0.00	0.00	0.02	0.00	0.04	0.00	0.00	1.00
30	Maiden Erlegh		0.04	0.77	0.00	0.00	0.07	0.00	0.00	0.00	0.12	0.00	0.00	1.00
31	Shinfield North		0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
32	Shinfield South		0.07	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
33	Sonning		0.23	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
34	South Lake		0.05	0.71	0.00	0.00	0.00	0.00	0.02	0.00	0.22	0.00	0.00	1.00
37	Winnersh		0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	1.00
36	Shiplake		0.17	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	1.00
37	Sonning Common		0.00	0.78	0.00	0.00	0.15	0.00	0.08	0.00	0.00	0.00	0.00	1.00
38	Henley On Thames		0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.13	0.00	1.00
41	Twyford and Wargrave		0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	1.00
40	Maidenhead		0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	1.00
41	Wokingham		0.00	0.16	0.00	0.00	0.02	0.00	0.02	0.00	0.74	0.02	0.02	1.00
44	Bracknell		0.00	0.11	0.00	0.00	0.03	0.00	0.03	0.00	0.81	0.00	0.03	1.00
43	Basingstoke		0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	1.00
44	Oxford		0.00	0.14	0.00	0.00	0.07	0.00	0.00	0.00	0.79	0.00	0.00	1.00
47	North East		0.01	0.07	0.00	0.00	0.02	0.00	0.00	0.00	0.81	0.08	0.01	1.00
48	South East		0.00	0.12	0.00	0.00	0.01	0.00	0.03	0.00	0.82	0.02	0.00	1.00
49	South West		0.01	0.11	0.00	0.00	0.07	0.00	0.02	0.00	0.77	0.01	0.01	1.00
48	North West		0.01	0.10	0.00	0.00	0.07	0.00	0.01	0.00	0.80	0.00	0.01	1.00
49	Between M4 East and River		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
					0	0								
						#DIV/0!								

Mode share - Revised to meet modeshare requirements 2 * rail use

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.05	0.85	0.00	0.00	0.00	0.00	0.03	0.02	0.06	0.00	0.00	1.00
2	Burghfield		0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.04	1.00
3	Calcot		0.04	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	1.00
4	Mortimer		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
5	Theale		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	1.00
6	Purley on Thames		0.03	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.02	1.00
7	Westwood		0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	1.00
10	Abbey		0.05	0.15	0.00	0.00	0.69	0.08	0.00	0.00	0.02	0.00	0.02	1.00
11	Battle		0.03	0.28	0.00	0.00	0.62	0.00	0.00	0.00	0.06	0.00	0.01	1.00
12	Caversham		0.09	0.31	0.00	0.00	0.56	0.00	0.00	0.01	0.03	0.00	0.00	1.00
11	Church		0.08	0.60	0.00	0.00	0.27	0.00	0.00	0.01	0.03	0.00	0.00	1.00
14	Katesgrove		0.05	0.13	0.00	0.00	0.76	0.00	0.01	0.00	0.02	0.01	0.00	1.00
15	Kentwood		0.03	0.67	0.00	0.00	0.07	0.00	0.02	0.00	0.21	0.00	0.00	1.00
14	Mapledurham		0.07	0.63	0.00	0.00	0.14	0.00	0.00	0.00	0.16	0.00	0.00	1.00
15	Minster		0.03	0.27	0.00	0.00	0.67	0.00	0.00	0.00	0.03	0.00	0.00	1.00
16	Norcot		0.09	0.68	0.00	0.00	0.16	0.00	0.01	0.00	0.06	0.00	0.00	1.00
17	Park		0.11	0.52	0.00	0.00	0.34	0.00	0.00	0.00	0.03	0.00	0.00	1.00
18	Peppard		0.06	0.83	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.00
21	Redlands		0.11	0.25	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	1.00
20	Southcote		0.03	0.81	0.00	0.00	0.13	0.00	0.01	0.00	0.03	0.00	0.00	1.00
21	Thames		0.09	0.45	0.00	0.00	0.32	0.00	0.03	0.00	0.10	0.00	0.00	1.00
24	Tilehurst		0.03	0.89	0.00	0.00	0.03	0.00	0.03	0.00	0.02	0.00	0.00	1.00
25	Whitley		0.04	0.88	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.00
26	Bulmershe and Whitegates		0.12	0.78	0.00	0.00	0.03	0.00	0.00	0.00	0.07	0.00	0.00	1.00
25	Charvil		0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	1.00
26	Coronation		0.04	0.80	0.00	0.00	0.00	0.00	0.02	0.00	0.13	0.00	0.00	1.00
27	Hawkedon		0.10	0.79	0.00	0.00	0.00	0.00	0.01	0.01	0.08	0.00	0.00	1.00
28	Hillside		0.02	0.89	0.00	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.00	1.00
29	Loddon		0.06	0.84	0.00	0.00	0.00	0.00	0.02	0.00	0.08	0.00	0.00	1.00
30	Maiden Erlegh		0.03	0.66	0.00	0.00	0.06	0.00	0.00	0.00	0.25	0.00	0.00	1.00
31	Shinfield North		0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
32	Shinfield South		0.07	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
33	Sonning		0.23	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
34	South Lake		0.04	0.51	0.00	0.00	0.00	0.00	0.02	0.00	0.44	0.00	0.00	1.00
37	Winnersh		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
36	Shiplake		0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	1.00
37	Sonning Common		0.00	0.78	0.00	0.00	0.15	0.00	0.08	0.00	0.00	0.00	0.00	1.00
38	Henley On Thames		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
41	Twyford and Wargrave		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
40	Maidenhead		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
41	Wokingham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
44	Bracknell		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
43	Basingstoke		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
44	Oxford		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
47	North East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
48	South East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
49	South West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
48	North West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
49	Between M4 East and River		0.00	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
					0.00	0.0000								0
						#DIV/0!								

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
2	Burghfield		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	Calcot		0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
4	Mortimer		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Theale		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
6	Purley on Thames		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02
7	Westwood		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
7	Abbey		0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
10	Battle		0.00	0.02	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.06
11	Caversham		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11	Church		0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11	Katesgrove		0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04
14	Kentwood		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03
14	Mapledurham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Minster		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16	Norcot		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17	Park		0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18	Peppard		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18	Redlands		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
20	Southcote		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
21	Thames		0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02
21	Tilehurst		0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
24	Whitley		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
25	Bulmershe and Whitegates		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
25	Charvil		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Coronation		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
27	Hawkedon		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
28	Hillside		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
29	Loddon		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
30	Maiden Erlegh		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
31	Shinfield North		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
32	Shinfield South		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
33	Sonning		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	South Lake		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
34	Winnersh		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
36	Shiplake		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	Sonning Common		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Henley On Thames		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Twyford and Wargrave		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Maidenhead		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
41	Wokingham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02
41	Bracknell		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
43	Basingstoke		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
44	Oxford		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	North East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.05
47	South East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.06
48	South West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.07
48	North West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.05
49	Between M4 East and River		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
			3.82%	**39.69%**	**0.00%**	**0.00%**	**18.14%**	**0.17%**	**0.56%**	**0.12%**	**37.30%**	**0.04%**	**0.15%**	1

Resi Mode Share Calculations

Method of Travel to Work (QS701EW)

				Abbey Ward	Mode Share	Reading Unitary Authority	South East Region	England Country
All Usual Residents Aged 16 to 74	Count	Persons	Mar-11	10618		116808	6274341	38881374
Work Mainly at or From Home	Count	Persons	Mar-11	327	4.13%	3721	279656	1349568
Underground, Metro, Light Rail, Tram	Count	Persons	Mar-11	36	0.45%	229	15338	1027625
Train	Count	Persons	Mar-11	1586	20.04%	7696	311895	1343684
Bus, Minibus or Coach	Count	Persons	Mar-11	876	11.07%	8811	189926	1886539
Taxi	Count	Persons	Mar-11	33	0.42%	272	16750	131465
Motorcycle, Scooter or Moped	Count	Persons	Mar-11	28	0.35%	472	36467	206550
Driving a Car or Van	Count	Persons	Mar-11	2250	28.42%	37661	2590701	14345882
Passenger in a Car or Van	Count	Persons	Mar-11	207	2.61%	3553	200386	1264553
Bicycle	Count	Persons	Mar-11	264	3.34%	3323	127614	742675
On Foot	Count	Persons	Mar-11	2254	28.47%	13663	463662	2701453
Other Method of Travel to Work	Count	Persons	Mar-11	55	0.69%	451	28328	162727
Not in Employment	Count	Persons	Mar-11	2702		36956	2013618	13718653
Method of Travel to Work, 2011 (QS701EW), Mar11	LastUpdated	30-Jan-13						
Method of Travel to Work, 2011 (QS701EW), Mar11	Source	Office for National Statistics						
Method of Travel to Work (QS701EW)	National Statistics							

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Calculation Factor: 1 DWELLS

Count Type: TOTAL PEOPLE

Dwellings: 300

JTW from Abbey Ward Mode Share Car Driver 2011: 0.284

Time Range	ARRIVALS No. Days	ARRIVALS Ave. DWELLS	ARRIVALS Trip Rate	DEPARTURES No. Days	DEPARTURES Ave. DWELLS	DEPARTURES Trip Rate	TOTALS No. Days	TOTALS Ave. DWELLS	TOTALS Trip Rate	ARRIVALS People	DEPARTUR People	TOTALS People	ARRIVALS Vehicles	DEPARTUR Vehicles	TOTALS Vehicles	Accumulation Vehicles
00:00-01:00																
01:00-02:00																
02:00-03:00																
03:00-04:00																
04:00-05:00																
05:00-06:00																
06:00-07:00																150
07:00-08:00	8	133	0.051	8	133	0.279	8	133	0.33	15.3	83.7	99	4	24	28	131
08:00-09:00	8	133	0.103	8	133	0.556	8	133	0.659	30.9	166.8	197.7	9	47	56	92
09:00-10:00	8	133	0.124	8	133	0.23	8	133	0.354	37.2	69	106.2	11	20	30	83
10:00-11:00	8	133	0.118	8	133	0.197	8	133	0.315	35.4	59.1	94.5	10	17	27	76
11:00-12:00	8	133	0.124	8	133	0.19	8	133	0.314	37.2	57	94.2	11	16	27	71
12:00-13:00	8	133	0.138	8	133	0.172	8	133	0.31	41.4	51.6	93	12	15	26	68
13:00-14:00	8	133	0.144	8	133	0.175	8	133	0.319	43.2	52.5	95.7	12	15	27	65
14:00-15:00	8	133	0.15	8	133	0.173	8	133	0.323	45	51.9	96.9	13	15	28	63
15:00-16:00	8	133	0.227	8	133	0.154	8	133	0.381	68.1	46.2	114.3	19	13	32	69
16:00-17:00	8	133	0.267	8	133	0.165	8	133	0.432	80.1	49.5	129.6	23	14	37	78
17:00-18:00	8	133	0.386	8	133	0.223	8	133	0.609	115.8	66.9	182.7	33	19	52	92
18:00-19:00	8	133	0.369	8	133	0.166	8	133	0.535	110.7	49.8	160.5	31	14	46	109
19:00-20:00	1	294	0.286	1	294	0.112	1	294	0.398	85.8	33.6	119.4	24	10	34	124
20:00-21:00	1	294	0.187	1	294	0.102	1	294	0.289	56.1	30.6	86.7	16	9	25	131
21:00-22:00																
22:00-23:00																
23:00-24:00																
Daily Trip Rates:			2.674			2.894			5.568	802.2	868.2	1670.4	228	247	474	

	Mode Share	Residential People Mode AM In	AM Out	PM In	PM Out	Dailiy
Work Mainly at or From Home	**4.13%**	**1**	**7**	**5**	**3**	**69**
Underground, Metro, Light Rail, Tram	**0.45%**	**0**	**1**	**1**	**0**	**8**
Train	**20.04%**	**6**	**33**	**23**	**13**	**335**
Bus, Minibus or Coach	**11.07%**	**3**	**18**	**13**	**7**	**185**
Taxi	**0.42%**	**0**	**1**	**0**	**0**	**7**
Motorcycle, Scooter or Moped	**0.35%**	**0**	**1**	**0**	**0**	**6**
Driving a Car or Van	**28.42%**	**9**	**47**	**33**	**19**	**475**
Passenger in a Car or Van	**2.61%**	**1**	**4**	**3**	**2**	**44**
Bicycle	**3.34%**	**1**	**6**	**4**	**2**	**56**
On Foot	**28.47%**	**9**	**47**	**33**	**19**	**476**
Other Method of Travel to Work	**0.69%**	**0**	**1**	**1**	**0**	**12**
Total	**100.00%**	**31**	**167**	**116**	**67**	**1670**

Office Mode Share Calculations

Commercial Daily Person Trip Profile (per 100sqm)					Employment Veh Mode Share	0.0876	
Time Range	ARRIVALS Trip Rate	DEPARTURES Trip Rate	ARRIVALS People	DEPARTURES People	ARRIVALS **Vehicles**	DEPARTURES **Vehicles**	Accumulation
00:00-01:00	0.00	0.00	0	0	0	0	0
01:00-02:00	0.00	0.00	0	0	0	0	0
02:00-03:00	0.00	0.00	0	0	0	0	0
03:00-04:00	0.00	0.00	0	0	0	0	0
04:00-05:00	0.00	0.00	0	0	0	0	0
05:00-06:00	0.00	0.00	0	0	0	0	0
06:00-07:00	0.00	0.00	0	0	0	0	0
07:00-08:00	1.10	0.08	1137	81	100	7	93
08:00-09:00	2.19	0.16	**2271**	**166**	**199**	**15**	277
09:00-10:00	1.47	0.25	1524	256	133	22	388
10:00-11:00	0.52	0.33	538	345	47	30	405
11:00-12:00	0.33	0.48	343	498	30	44	391
12:00-13:00	0.89	1.35	921	1402	81	123	349
13:00-14:00	1.28	0.88	1327	917	116	80	385
14:00-15:00	0.74	0.41	764	429	67	38	415
15:00-16:00	0.32	0.60	334	623	29	55	389
16:00-17:00	0.20	1.44	204	1494	18	131	276
17:00-18:00	0.13	1.97	**135**	**2043**	**12**	**179**	109
18:00-19:00	0.05	0.64	51	667	4	58	55
19:00-20:00	0.00	0.00	0	0	0	0	55
20:00-21:00	0.00	0.00	0	0	0	0	55
21:00-22:00	0.00	0.00	0	0	0	0	55
22:00-23:00	0.00	0.00	0	0	0	0	55
23:00-24:00	0.00	0.00	0	0	0	0	55
Daily Trip Rates:	9.21	8.60	9551	8921	837	781	

Sqm Employment	**103700**
Max Garrard Street Car Parking Spaces	**900**
Max Parking across site	**1000**
Max 1 Office Car Parking Space per 250sqm	250
Max Office spaces	415

Altered Office Mode Share

Car Driver Capped % **0.0876**

		Office Primary Trips				
		AM In	AM Out	PM In	PM Out	Dailiy
Work Mainly at or From Home	0.17%	4	0	0	3	31
Underground, Metro, Light Rail, Tram	0.04%	1	0	0	1	8
Train	32.42%	736	54	44	662	5988
Bus, Minibus or Coach	35.64%	809	59	48	728	6583
Taxi	0.11%	2	0	0	2	20
Motorcycle, Scooter or Moped	0.50%	11	1	1	10	92
Driving a Car or Van	8.76%	199	15	12	179	1618
Passenger in a Car or Van	1.63%	37	3	2	33	301
Bicycle	3.48%	79	6	5	71	644
On Foot	17.11%	389	28	23	350	3161
Other Method of Travel to Work	0.14%	3	0	0	3	25
	100.00%	2271	166	135	2043	18471

Proposed Office Land Use 103700

SUMMARY OF TRIPS TO 00MCMR0022 OUTPUT AREA (READING) BY ZONE - 2001 CENSUS DATA

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other
1	Birch Copse	370	9	169	120	57	0	0	6	3	6	0	0
2	Burghfield	158	0	56	78	12	0	0	0	0	9	0	3
3	Calcot	450	9	241	145	52	0	0	0	0	3	0	0
4	Mortimer	56	0	6	18	3	0	0	3	0	26	0	0
5	Theale	94	3	22	42	3	0	0	0	0	24	0	0
6	Purley on Thames	246	6	93	93	25	0	0	0	0	26	0	3
7	Westwood	111	0	63	30	9	0	0	0	0	9	0	0
8	Abbey	330	15	45	25	3	210	24	0	0	3	0	5
9	Battle	879	24	217	105	30	476	0	0	0	21	0	6
10	Caversham	497	33	121	100	18	216	0	0	3	6	0	0
11	Church	454	29	215	80	24	97	0	0	3	6	0	0
12	Katesgrove	568	27	69	57	6	391	0	6	0	6	6	0
13	Kentwood	385	9	189	90	44	21	0	6	0	26	0	0
14	Mapledurham	73	3	26	29	6	6	0	0	0	3	0	0
15	Minster	505	12	106	82	33	266	0	0	0	6	0	0
16	Norcot	411	27	214	87	21	50	0	3	0	9	0	0
17	Park	461	43	212	52	9	139	0	0	0	6	0	0
18	Peppard	375	15	194	109	33	24	0	0	0	0	0	0
19	Redlands	372	33	77	54	6	202	0	0	0	0	0	0
20	Southcote	301	6	185	60	15	29	0	3	0	3	0	0
21	Thames	311	18	87	99	30	62	0	6	0	9	0	0
22	Tilehurst	453	9	273	102	48	9	0	9	0	3	0	0
23	Whitley	307	9	203	62	15	18	0	0	0	0	0	0
24	Bulmershe and Whitegates	271	21	143	71	24	6	0	0	0	6	0	0
25	Charvil	35	0	13	13	0	0	0	0	0	9	0	0
26	Coronation	215	6	116	69	12	0	0	3	0	9	0	0
27	Hawkedon	388	24	183	130	36	0	0	3	3	9	0	0
28	Hillside	236	3	125	81	18	3	0	3	0	3	0	0
29	Loddon	237	9	132	72	15	0	0	3	0	6	0	0
30	Maiden Erlegh	258	6	125	71	25	11	0	0	0	20	0	0
31	Shinfield North	86	0	59	27	0	0	0	0	0	0	0	0
32	Shinfield South	96	3	40	50	3	0	0	0	0	0	0	0
33	Sonning	30	3	10	17	0	0	0	0	0	0	0	0
34	South Lake	165	6	87	36	6	0	0	3	0	27	0	0
35	Winnersh	165	0	41	63	9	0	0	0	0	52	0	0
36	Shiplake	65	3	9	35	12	0	0	0	0	6	0	0
37	Sonning Common	61	0	31	15	6	6	0	3	0	0	0	0
38	Henley On Thames	52	0	6	28	0	0	0	0	0	15	3	0
39	Twyford and Wargrave	70	0	6	18	9	0	0	0	0	37	0	0
40	Maidenhead	136	0	3	57	3	0	0	0	0	73	0	0
41	Wokingham	240	0	21	103	9	3	0	3	0	95	3	3
42	Bracknell	180	0	12	69	3	3	0	3	0	87	0	3
43	Basingstoke	144	0	3	66	6	0	0	0	0	69	0	0
44	Oxford	69	0	6	21	6	3	0	0	0	33	0	0
45	North East	758	3	30	328	12	9	0	0	0	340	33	3
46	South East	911	0	60	381	27	6	0	16	0	412	9	0
47	South West	1029	6	61	459	27	39	0	12	0	419	3	3
48	North West	705	3	45	222	27	33	0	6	0	366	0	3
49	Between M4 East and River	141	0	0	68	0	0	0	0	0	73	0	0
	Total Trips =	**14910**	**435**	**4450**	**4289**	**797**	**2338**	**24**	**100**	**12**	**2376**	**57**	**32**

Distribution Proportions

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other
1	Birch Copse	0.02482	0.02069	0.03798	0.02798	0.07152	0.00000	0.00000	0.06000	0.25000	0.00253	0.00000	0.00000
2	Burghfield	0.01060	0.00000	0.01258	0.01819	0.01506	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.09375
3	Calcot	0.03018	0.02069	0.05416	0.03381	0.06524	0.00000	0.00000	0.00000	0.00000	0.00126	0.00000	0.00000
4	Mortimer	0.00376	0.00000	0.00135	0.00420	0.00376	0.00000	0.00000	0.03000	0.00000	0.01094	0.00000	0.00000
5	Theale	0.00630	0.00690	0.00494	0.00979	0.00376	0.00000	0.00000	0.00000	0.00000	0.01010	0.00000	0.00000
6	Purley on Thames	0.01650	0.01379	0.02090	0.02168	0.03137	0.00000	0.00000	0.00000	0.00000	0.01094	0.00000	0.09375
7	Westwood	0.00744	0.00000	0.01416	0.00699	0.01129	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.00000
8	Abbey	0.02213	0.03448	0.01011	0.00583	0.00376	0.08982	1.00000	0.00000	0.00000	0.00126	0.00000	0.15625
9	Battle	0.05895	0.05517	0.04876	0.02448	0.03764	0.20359	0.00000	0.00000	0.00000	0.00884	0.00000	0.18750
10	Caversham	0.03333	0.07586	0.02719	0.02332	0.02258	0.09239	0.00000	0.00000	0.25000	0.00253	0.00000	0.00000
11	Church	0.03045	0.06667	0.04831	0.01865	0.03011	0.04149	0.00000	0.00000	0.25000	0.00253	0.00000	0.00000
12	Katesgrove	0.03810	0.06207	0.01551	0.01329	0.00753	0.16724	0.00000	0.06000	0.00000	0.00253	0.10526	0.00000
13	Kentwood	0.02582	0.02069	0.04247	0.02098	0.05521	0.00898	0.00000	0.06000	0.00000	0.01094	0.00000	0.00000
14	Mapledurham	0.00490	0.00690	0.00584	0.00676	0.00753	0.00257	0.00000	0.00000	0.00000	0.00126	0.00000	0.00000
15	Minster	0.03387	0.02759	0.02382	0.01912	0.04141	0.11377	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
16	Norcot	0.02757	0.06207	0.04809	0.02028	0.02635	0.02139	0.00000	0.03000	0.00000	0.00379	0.00000	0.00000
17	Park	0.03092	0.09885	0.04764	0.01212	0.01129	0.05945	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
18	Peppard	0.02515	0.03448	0.04360	0.02541	0.04141	0.01027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
19	Redlands	0.02495	0.07586	0.01730	0.01259	0.00753	0.08640	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
20	Southcote	0.02019	0.01379	0.04157	0.01399	0.01882	0.01240	0.00000	0.03000	0.00000	0.00126	0.00000	0.00000
21	Thames	0.02086	0.04138	0.01955	0.02308	0.03764	0.02652	0.00000	0.06000	0.00000	0.00379	0.00000	0.00000
22	Tilehurst	0.03038	0.02069	0.06135	0.02378	0.06023	0.00385	0.00000	0.09000	0.00000	0.00126	0.00000	0.00000
23	Whitley	0.02059	0.02069	0.04562	0.01446	0.01882	0.00770	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
24	Bulmershe and Whitegates	0.01818	0.04828	0.03213	0.01655	0.03011	0.00257	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
25	Charvil	0.00235	0.00000	0.00292	0.00303	0.00000	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.00000
26	Coronation	0.01442	0.01379	0.02607	0.01609	0.01506	0.00000	0.00000	0.03000	0.00000	0.00379	0.00000	0.00000
27	Hawkedon	0.02602	0.05517	0.04112	0.03031	0.04517	0.00000	0.00000	0.03000	0.25000	0.00379	0.00000	0.00000
28	Hillside	0.01583	0.00690	0.02809	0.01889	0.02258	0.00128	0.00000	0.03000	0.00000	0.00126	0.00000	0.00000
29	Loddon	0.01590	0.02069	0.02966	0.01679	0.01882	0.00000	0.00000	0.03000	0.00000	0.00253	0.00000	0.00000
30	Maiden Erlegh	0.01730	0.01379	0.02809	0.01655	0.03137	0.00470	0.00000	0.00000	0.00000	0.00842	0.00000	0.00000
31	Shinfield North	0.00577	0.00000	0.01326	0.00630	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
32	Shinfield South	0.00644	0.00690	0.00899	0.01166	0.00376	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
33	Sonning	0.00201	0.00690	0.00225	0.00396	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
34	South Lake	0.01107	0.01379	0.01955	0.00839	0.00753	0.00000	0.00000	0.03000	0.00000	0.01136	0.00000	0.00000
35	Winnersh	0.01107	0.00000	0.00921	0.01469	0.01129	0.00000	0.00000	0.00000	0.00000	0.02189	0.00000	0.00000
36	Shiplake	0.00436	0.00690	0.00202	0.00816	0.01506	0.00000	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
37	Sonning Common	0.00409	0.00000	0.00697	0.00350	0.00753	0.00257	0.00000	0.03000	0.00000	0.00000	0.00000	0.00000
38	Henley On Thames	0.00349	0.00000	0.00135	0.00653	0.00000	0.00000	0.00000	0.00000	0.00000	0.00631	0.05263	0.00000
39	Twyford and Wargrave	0.00469	0.00000	0.00135	0.00420	0.01129	0.00000	0.00000	0.00000	0.00000	0.01557	0.00000	0.00000
40	Maidenhead	0.00912	0.00000	0.00067	0.01329	0.00376	0.00000	0.00000	0.00000	0.00000	0.03072	0.00000	0.00000
41	Wokingham	0.01610	0.00000	0.00472	0.02401	0.01129	0.00128	0.00000	0.03000	0.00000	0.03998	0.05263	0.09375
42	Bracknell	0.01207	0.00000	0.00270	0.01609	0.00376	0.00128	0.00000	0.03000	0.00000	0.03662	0.00000	0.09375
43	Basingstoke	0.00966	0.00000	0.00067	0.01539	0.00753	0.00000	0.00000	0.00000	0.00000	0.02904	0.00000	0.00000
44	Oxford	0.00463	0.00000	0.00135	0.00490	0.00753	0.00128	0.00000	0.00000	0.00000	0.01389	0.00000	0.00000
45	North East	0.05084	0.00690	0.00674	0.07647	0.01506	0.00385	0.00000	0.00000	0.00000	0.14310	0.57895	0.09375
46	South East	0.06110	0.00000	0.01348	0.08883	0.03388	0.00257	0.00000	0.16000	0.00000	0.17340	0.15789	0.00000
47	South West	0.06901	0.01379	0.01371	0.10702	0.03388	0.01668	0.00000	0.12000	0.00000	0.17635	0.05263	0.09375
48	North West	0.04728	0.00690	0.01011	0.05176	0.03388	0.01411	0.00000	0.06000	0.00000	0.15404	0.00000	0.09375
49	Between M4 East and River	0.00946	0.00000	0.00000	0.01585	0.00000	0.00000	0.00000	0.00000	0.00000	0.03072	0.00000	0.00000
		1	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

Mode share

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse	1.00000	0.02432	0.45676	0.32432	0.15405	0.00000	0.00000	0.01622	0.00811	0.01622	0.00000	0.00000	1.00000
2	Burghfield	1.00000	0.00000	0.35443	0.49367	0.07595	0.00000	0.00000	0.00000	0.00000	0.05696	0.00000	0.01899	1.00000
3	Calcot	1.00000	0.02000	0.53556	0.32222	0.11556	0.00000	0.00000	0.00000	0.00000	0.00667	0.00000	0.00000	1.00000
4	Mortimer	1.00000	0.00000	0.10714	0.32143	0.05357	0.00000	0.00000	0.05357	0.00000	0.46429	0.00000	0.00000	1.00000
5	Theale	1.00000	0.03191	0.23404	0.44681	0.03191	0.00000	0.00000	0.00000	0.00000	0.25532	0.00000	0.00000	1.00000
6	Purley on Thames	1.00000	0.02439	0.37805	0.37805	0.10163	0.00000	0.00000	0.00000	0.00000	0.10569	0.00000	0.01220	1.00000
7	Westwood	1.00000	0.00000	0.56757	0.27027	0.08108	0.00000	0.00000	0.00000	0.00000	0.08108	0.00000	0.00000	1.00000
8	Abbey	1.00000	0.04545	0.13636	0.07576	0.00909	0.63636	0.07273	0.00000	0.00000	0.00909	0.00000	0.01515	1.00000
9	Battle	1.00000	0.02730	0.24687	0.11945	0.03413	0.54152	0.00000	0.00000	0.00000	0.02389	0.00000	0.00683	1.00000
10	Caversham	1.00000	0.06640	0.24346	0.20121	0.03622	0.43461	0.00000	0.00000	0.00604	0.01207	0.00000	0.00000	1.00000
11	Church	1.00000	0.06388	0.47357	0.17621	0.05286	0.21366	0.00000	0.00000	0.00661	0.01322	0.00000	0.00000	1.00000
12	Katesgrove	1.00000	0.04754	0.12148	0.10035	0.01056	0.68838	0.00000	0.01056	0.00000	0.01056	0.01056	0.00000	1.00000
13	Kentwood	1.00000	0.02338	0.49091	0.23377	0.11429	0.05455	0.00000	0.01558	0.00000	0.06753	0.00000	0.00000	1.00000
14	Mapledurham	1.00000	0.04110	0.35616	0.39726	0.08219	0.08219	0.00000	0.00000	0.00000	0.04110	0.00000	0.00000	1.00000
15	Minster	1.00000	0.02376	0.20990	0.16238	0.06535	0.52673	0.00000	0.00000	0.00000	0.01188	0.00000	0.00000	1.00000
16	Norcot	1.00000	0.06569	0.52068	0.21168	0.05109	0.12165	0.00000	0.00730	0.00000	0.02190	0.00000	0.00000	1.00000
17	Park	1.00000	0.09328	0.45987	0.11280	0.01952	0.30152	0.00000	0.00000	0.00000	0.01302	0.00000	0.00000	1.00000
18	Peppard	1.00000	0.04000	0.51733	0.29067	0.08800	0.06400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
19	Redlands	1.00000	0.08871	0.20699	0.14516	0.01613	0.54301	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
20	Southcote	1.00000	0.01993	0.61462	0.19934	0.04983	0.09635	0.00000	0.00997	0.00000	0.00997	0.00000	0.00000	1.00000
21	Thames	1.00000	0.05788	0.27974	0.31833	0.09646	0.19936	0.00000	0.01929	0.00000	0.02894	0.00000	0.00000	1.00000
22	Tilehurst	1.00000	0.01987	0.60265	0.22517	0.10596	0.01987	0.00000	0.01987	0.00000	0.00662	0.00000	0.00000	1.00000
23	Whitley	1.00000	0.02932	0.66124	0.20195	0.04886	0.05863	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
24	Bulmershe and Whitegates	1.00000	0.07749	0.52768	0.26199	0.08856	0.02214	0.00000	0.00000	0.00000	0.02214	0.00000	0.00000	1.00000
25	Charvil	1.00000	0.00000	0.37143	0.37143	0.00000	0.00000	0.00000	0.00000	0.00000	0.25714	0.00000	0.00000	1.00000
26	Coronation	1.00000	0.02791	0.53953	0.32093	0.05581	0.00000	0.00000	0.01395	0.00000	0.04186	0.00000	0.00000	1.00000
27	Hawkedon	1.00000	0.06186	0.47165	0.33505	0.09278	0.00000	0.00000	0.00773	0.00773	0.02320	0.00000	0.00000	1.00000
28	Hillside	1.00000	0.01271	0.52966	0.34322	0.07627	0.01271	0.00000	0.01271	0.00000	0.01271	0.00000	0.00000	1.00000
29	Loddon	1.00000	0.03797	0.55696	0.30380	0.06329	0.00000	0.00000	0.01266	0.00000	0.02532	0.00000	0.00000	1.00000
30	Maiden Erlegh	1.00000	0.02326	0.48450	0.27519	0.09690	0.04264	0.00000	0.00000	0.00000	0.07752	0.00000	0.00000	1.00000
31	Shinfield North	1.00000	0.00000	0.68605	0.31395	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
32	Shinfield South	1.00000	0.03125	0.41667	0.52083	0.03125	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
33	Sonning	1.00000	0.10000	0.33333	0.56667	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
34	South Lake	1.00000	0.03636	0.52727	0.21818	0.03636	0.00000	0.00000	0.01818	0.00000	0.16364	0.00000	0.00000	1.00000
35	Winnersh	1.00000	0.00000	0.24848	0.38182	0.05455	0.00000	0.00000	0.00000	0.00000	0.31515	0.00000	0.00000	1.00000
36	Shiplake	1.00000	0.04615	0.13846	0.53846	0.18462	0.00000	0.00000	0.00000	0.00000	0.09231	0.00000	0.00000	1.00000
37	Sonning Common	1.00000	0.00000	0.50820	0.24590	0.09836	0.09836	0.00000	0.04918	0.00000	0.00000	0.00000	0.00000	1.00000
38	Henley On Thames	1.00000	0.00000	0.11538	0.53846	0.00000	0.00000	0.00000	0.00000	0.00000	0.28846	0.05769	0.00000	1.00000
39	Twyford and Wargrave	1.00000	0.00000	0.08571	0.25714	0.12857	0.00000	0.00000	0.00000	0.00000	0.52857	0.00000	0.00000	1.00000
40	Maidenhead	1.00000	0.00000	0.02206	0.41912	0.02206	0.00000	0.00000	0.00000	0.00000	0.53676	0.00000	0.00000	1.00000
41	Wokingham	1.00000	0.00000	0.08750	0.42917	0.03750	0.01250	0.00000	0.01250	0.00000	0.39583	0.01250	0.01250	1.00000
42	Bracknell	1.00000	0.00000	0.06667	0.38333	0.01667	0.01667	0.00000	0.01667	0.00000	0.48333	0.00000	0.01667	1.00000
43	Basingstoke	1.00000	0.00000	0.02083	0.45833	0.04167	0.00000	0.00000	0.00000	0.00000	0.47917	0.00000	0.00000	1.00000
44	Oxford	1.00000	0.00000	0.08696	0.30435	0.08696	0.04348	0.00000	0.00000	0.00000	0.47826	0.00000	0.00000	1.00000
45	North East	1.00000	0.00396	0.03958	0.43272	0.01583	0.01187	0.00000	0.00000	0.00000	0.44855	0.04354	0.00396	1.00000
46	South East	1.00000	0.00000	0.06586	0.41822	0.02964	0.00659	0.00000	0.01756	0.00000	0.45225	0.00988	0.00000	1.00000
47	South West	1.00000	0.00583	0.05928	0.44606	0.02624	0.03790	0.00000	0.01166	0.00000	0.40719	0.00292	0.00292	1.00000
48	North West	1.00000	0.00426	0.06383	0.31489	0.03830	0.04681	0.00000	0.00851	0.00000	0.51915	0.00000	0.00426	1.00000
49	Between M4 East and River	1.00000	0.00000	0.00000	0.48227	0.00000	0.00000	0.00000	0.00000	0.00000	0.51773	0.00000	0.00000	1.00000
		1.00000	**0.02918**	**0.29846**	**0.28766**	**0.05345**	**0.15681**	**0.00161**	**0.00671**	**0.00080**	**0.15936**	**0.00382**	**0.00215**	1
						0.18582								

Mode share - Revised to meet modeshare requirements 0.0876 by car driver

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.04	0.75	0.10	0.05	0.00	0.00	0.03	0.01	0.03	0.00	0.00	1.00
2	Burghfield		0.00	0.68	0.15	0.02	0.00	0.00	0.00	0.00	0.11	0.00	0.04	1.00
3	Calcot		0.03	0.83	0.10	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.00
4	Mortimer		0.00	0.15	0.10	0.02	0.00	0.00	0.08	0.00	0.66	0.00	0.00	1.00
5	Theale		0.05	0.38	0.14	0.01	0.00	0.00	0.00	0.00	0.42	0.00	0.00	1.00
6	Purley on Thames		0.04	0.62	0.12	0.03	0.00	0.00	0.00	0.00	0.17	0.00	0.02	1.00
7	Westwood		0.00	0.78	0.08	0.02	0.00	0.00	0.00	0.00	0.11	0.00	0.00	1.00
10	Abbey		0.05	0.15	0.02	0.00	0.68	0.08	0.00	0.00	0.01	0.00	0.02	1.00
11	Battle		0.03	0.28	0.04	0.01	0.61	0.00	0.00	0.00	0.03	0.00	0.01	1.00
12	Caversham		0.08	0.30	0.06	0.01	0.53	0.00	0.00	0.01	0.01	0.00	0.00	1.00
11	Church		0.08	0.57	0.05	0.02	0.26	0.00	0.00	0.01	0.02	0.00	0.00	1.00
14	Katesgrove		0.05	0.13	0.03	0.00	0.75	0.00	0.01	0.00	0.01	0.01	0.00	1.00
15	Kentwood		0.03	0.67	0.07	0.03	0.07	0.00	0.02	0.00	0.09	0.00	0.00	1.00
14	Mapledurham		0.07	0.58	0.12	0.03	0.13	0.00	0.00	0.00	0.07	0.00	0.00	1.00
15	Minster		0.03	0.25	0.05	0.02	0.63	0.00	0.00	0.00	0.01	0.00	0.00	1.00
16	Norcot		0.08	0.65	0.06	0.02	0.15	0.00	0.01	0.00	0.03	0.00	0.00	1.00
17	Park		0.10	0.51	0.03	0.01	0.33	0.00	0.00	0.00	0.01	0.00	0.00	1.00
18	Peppard		0.06	0.74	0.09	0.03	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.00
21	Redlands		0.10	0.23	0.04	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	1.00
20	Southcote		0.02	0.76	0.06	0.02	0.12	0.00	0.01	0.00	0.01	0.00	0.00	1.00
21	Thames		0.09	0.42	0.10	0.03	0.30	0.00	0.03	0.00	0.04	0.00	0.00	1.00
24	Tilehurst		0.03	0.81	0.07	0.03	0.03	0.00	0.03	0.00	0.01	0.00	0.00	1.00
25	Whitley		0.04	0.82	0.06	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.00
26	Bulmershe and Whitegates		0.11	0.73	0.08	0.03	0.03	0.00	0.00	0.00	0.03	0.00	0.00	1.00
25	Charvil		0.00	0.52	0.11	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	1.00
26	Coronation		0.04	0.77	0.10	0.02	0.00	0.00	0.02	0.00	0.06	0.00	0.00	1.00
27	Hawkedon		0.09	0.72	0.10	0.03	0.00	0.00	0.01	0.01	0.04	0.00	0.00	1.00
28	Hillside		0.02	0.80	0.10	0.02	0.02	0.00	0.02	0.00	0.02	0.00	0.00	1.00
29	Loddon		0.05	0.78	0.09	0.02	0.00	0.00	0.02	0.00	0.04	0.00	0.00	1.00
30	Maiden Erlegh		0.03	0.68	0.08	0.03	0.06	0.00	0.00	0.00	0.11	0.00	0.00	1.00
31	Shinfield North		0.00	0.90	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
32	Shinfield South		0.06	0.77	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
33	Sonning		0.19	0.64	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
34	South Lake		0.04	0.65	0.07	0.01	0.00	0.00	0.02	0.00	0.20	0.00	0.00	1.00
37	Winnersh		0.00	0.38	0.12	0.02	0.00	0.00	0.00	0.00	0.48	0.00	0.00	1.00
36	Shiplake		0.13	0.39	0.16	0.06	0.00	0.00	0.00	0.00	0.26	0.00	0.00	1.00
37	Sonning Common		0.00	0.69	0.07	0.03	0.13	0.00	0.07	0.00	0.00	0.00	0.00	1.00
38	Henley On Thames		0.00	0.21	0.16	0.00	0.00	0.00	0.00	0.00	0.52	0.10	0.00	1.00
41	Twyford and Wargrave		0.00	0.12	0.08	0.04	0.00	0.00	0.00	0.00	0.76	0.00	0.00	1.00
40	Maidenhead		0.00	0.03	0.13	0.01	0.00	0.00	0.00	0.00	0.83	0.00	0.00	1.00
41	Wokingham		0.00	0.14	0.13	0.01	0.02	0.00	0.02	0.00	0.64	0.02	0.02	1.00
44	Bracknell		0.00	0.10	0.12	0.01	0.02	0.00	0.02	0.00	0.71	0.00	0.02	1.00
43	Basingstoke		0.00	0.04	0.14	0.01	0.00	0.00	0.00	0.00	0.81	0.00	0.00	1.00
44	Oxford		0.00	0.13	0.09	0.03	0.06	0.00	0.00	0.00	0.69	0.00	0.00	1.00
47	North East		0.01	0.06	0.13	0.00	0.02	0.00	0.00	0.00	0.70	0.07	0.01	1.00
48	South East		0.00	0.10	0.13	0.01	0.01	0.00	0.03	0.00	0.71	0.02	0.00	1.00
49	South West		0.01	0.10	0.14	0.01	0.06	0.00	0.02	0.00	0.66	0.00	0.00	1.00
48	North West		0.01	0.09	0.10	0.01	0.06	0.00	0.01	0.00	0.72	0.00	0.01	1.00
49	Between M4 East and River		0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	1.00
					0.0876	0.0162782								
						0.185824201								

Mode share - Revised to meet modeshare requirements

2 * rail use

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.04	0.72	0.10	0.05	0.00	0.00	0.03	0.01	0.05	0.00	0.00	1.00
2	Burghfield		0.00	0.58	0.15	0.02	0.00	0.00	0.00	0.00	0.22	0.00	0.03	1.00
3	Calcot		0.03	0.82	0.10	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	1.00
4	Mortimer		0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.89	0.00	0.00	1.00
5	Theale		0.00	0.02	0.14	0.01	0.00	0.00	0.00	0.00	0.84	0.00	0.00	1.00
6	Purley on Thames		0.03	0.46	0.12	0.03	0.00	0.00	0.00	0.00	0.35	0.00	0.01	1.00
7	Westwood		0.00	0.67	0.08	0.02	0.00	0.00	0.00	0.00	0.22	0.00	0.00	1.00
10	Abbey		0.05	0.14	0.02	0.00	0.67	0.08	0.00	0.00	0.02	0.00	0.02	1.00
11	Battle		0.03	0.27	0.04	0.01	0.59	0.00	0.00	0.00	0.05	0.00	0.01	1.00
12	Caversham		0.08	0.29	0.06	0.01	0.52	0.00	0.00	0.01	0.03	0.00	0.00	1.00
11	Church		0.08	0.56	0.05	0.02	0.25	0.00	0.00	0.01	0.03	0.00	0.00	1.00
14	Katesgrove		0.05	0.13	0.03	0.00	0.74	0.00	0.01	0.00	0.02	0.01	0.00	1.00
15	Kentwood		0.03	0.60	0.07	0.03	0.07	0.00	0.02	0.00	0.19	0.00	0.00	1.00
14	Mapledurham		0.06	0.53	0.12	0.03	0.12	0.00	0.00	0.00	0.13	0.00	0.00	1.00
15	Minster		0.03	0.25	0.05	0.02	0.62	0.00	0.00	0.00	0.03	0.00	0.00	1.00
16	Norcot		0.08	0.63	0.06	0.02	0.15	0.00	0.01	0.00	0.05	0.00	0.00	1.00
17	Park		0.10	0.50	0.03	0.01	0.33	0.00	0.00	0.00	0.03	0.00	0.00	1.00
18	Peppard		0.06	0.74	0.09	0.03	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.00
21	Redlands		0.10	0.23	0.04	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	1.00
20	Southcote		0.02	0.75	0.06	0.02	0.12	0.00	0.01	0.00	0.02	0.00	0.00	1.00
21	Thames		0.08	0.40	0.10	0.03	0.28	0.00	0.03	0.00	0.09	0.00	0.00	1.00
24	Tilehurst		0.03	0.80	0.07	0.03	0.03	0.00	0.03	0.00	0.02	0.00	0.00	1.00
25	Whitley		0.04	0.82	0.06	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.00
26	Bulmershe and Whitegates		0.10	0.70	0.08	0.03	0.03	0.00	0.00	0.00	0.06	0.00	0.00	1.00
25	Charvil		0.00	0.16	0.11	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	1.00
26	Coronation		0.04	0.71	0.10	0.02	0.00	0.00	0.02	0.00	0.12	0.00	0.00	1.00
27	Hawkedon		0.09	0.69	0.10	0.03	0.00	0.00	0.01	0.01	0.07	0.00	0.00	1.00
28	Hillside		0.02	0.78	0.10	0.02	0.02	0.00	0.02	0.00	0.04	0.00	0.00	1.00
29	Loddon		0.05	0.75	0.09	0.02	0.00	0.00	0.02	0.00	0.07	0.00	0.00	1.00
30	Maiden Erlegh		0.03	0.59	0.08	0.03	0.05	0.00	0.00	0.00	0.22	0.00	0.00	1.00
31	Shinfield North		0.00	0.90	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
32	Shinfield South		0.06	0.77	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
33	Sonning		0.19	0.64	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
34	South Lake		0.03	0.47	0.07	0.01	0.00	0.00	0.02	0.00	0.40	0.00	0.00	1.00
37	Winnersh		0.00	0.00	0.12	0.02	0.00	0.00	0.00	0.00	0.87	0.00	0.00	1.00
36	Shiplake		0.06	0.19	0.16	0.06	0.00	0.00	0.00	0.00	0.52	0.00	0.00	1.00
37	Sonning Common		0.00	0.69	0.07	0.03	0.13	0.00	0.07	0.00	0.00	0.00	0.00	1.00
38	Henley On Thames		0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	1.00
41	Twyford and Wargrave		0.00	0.00	0.08	0.04	0.00	0.00	0.00	0.00	0.88	0.00	0.00	1.00
40	Maidenhead		0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.87	0.00	0.00	1.00
41	Wokingham		0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.86	0.00	0.00	1.00
44	Bracknell		0.00	0.00	0.12	0.01	0.00	0.00	0.00	0.00	0.88	0.00	0.00	1.00
43	Basingstoke		0.00	0.00	0.14	0.01	0.00	0.00	0.00	0.00	0.85	0.00	0.00	1.00
44	Oxford		0.00	0.00	0.09	0.03	0.00	0.00	0.00	0.00	0.88	0.00	0.00	1.00
47	North East		0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	1.00
48	South East		0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.86	0.00	0.00	1.00
49	South West		0.00	0.00	0.14	0.01	0.00	0.00	0.00	0.00	0.86	0.00	0.00	1.00
48	North West		0.00	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.89	0.00	0.00	1.00
49	Between M4 East and River		0.00	0.00	0.15	0.0000	0.00	0.00	0.00	0.00	0.85	0.00	0.00	1.00
					0.09	0.0163								0.103878
						0.185824201								

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
2	Burghfield		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	Calcot		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
4	Mortimer		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Theale		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
6	Purley on Thames		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02
7	Westwood		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
7	Abbey		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02
10	Battle		0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.06
11	Caversham		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11	Church		0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11	Katesgrove		0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04
14	Kentwood		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
14	Mapledurham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Minster		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16	Norcot		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17	Park		0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18	Peppard		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18	Redlands		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
20	Southcote		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
21	Thames		0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02
21	Tilehurst		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
24	Whitley		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
25	Bulmershe and Whitegates		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
25	Charvil		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Coronation		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
27	Hawkedon		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
28	Hillside		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
29	Loddon		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
30	Maiden Erlegh		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
31	Shinfield North		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
32	Shinfield South		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
33	Sonning		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	South Lake		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
34	Winnersh		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
36	Shiplake		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	Sonning Common		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Henley On Thames		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Twyford and Wargrave		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Maidenhead		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
41	Wokingham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02
41	Bracknell		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
43	Basingstoke		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
44	Oxford		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	North East		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.05
47	South East		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.06
48	South West		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.07
48	North West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.05
49	Between M4 East and River		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
			3.48%	**35.64%**	**8.76%**	**1.63%**	**17.11%**	**0.17%**	**0.50%**	**0.11%**	**32.42%**	**0.04%**	**0.14%**	1

Leisure Mode Share Calculations

Altered Leisure Mode Share

Bowling GFA m2 1870

		Leisure Primary Trips				
		AM In	AM Out	PM In	PM Out	Dailiy
Work Mainly at or From Home	0.17%	0	0	0	0	0
Underground, Metro, Light Rail, Tram	0.04%	0	0	0	0	0
Train	37.30%	0	0	17	13	0
Bus, Minibus or Coach	39.69%	0	0	18	14	0
Taxi	0.12%	0	0	0	0	0
Motorcycle, Scooter or Moped	0.56%	0	0	0	0	0
Driving a Car or Van	0.00%	0	0	0	0	0
Passenger in a Car or Van	0.00%	0	0	0	0	0
Bicycle	3.82%	0	0	2	1	0
On Foot	18.14%	0	0	8	6	0
Other Method of Travel to Work	0.15%	0	0	0	0	0
Total	100.00%	0	0	46	34	0

Trip Rate (from SH2)

	AM In	AM Out	PM In	PM Out	Dailiy
Bowling All Modes (per 100m2)			2.436	1.828	

Trips - People

		AM In	AM Out	PM In	PM Out	Dailiy
Primary Trips	100.00%	0	0	46	34	0

SUMMARY OF TRIPS TO 00MCMR0022 OUTPUT AREA (READING) BY ZONE - 2001 CENSUS DATA

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other
1	Birch Copse	370	9	169	120	57	0	0	6	3	6	0	0
2	Burghfield	158	0	56	78	12	0	0	0	0	9	0	3
3	Calcot	450	9	241	145	52	0	0	0	0	3	0	0
4	Mortimer	56	0	6	18	3	0	0	3	0	26	0	0
5	Theale	94	3	22	42	3	0	0	0	0	24	0	0
6	Purley on Thames	246	6	93	93	25	0	0	0	0	26	0	3
7	Westwood	111	0	63	30	9	0	0	0	0	9	0	0
8	Abbey	330	15	45	25	3	210	24	0	0	3	0	5
9	Battle	879	24	217	105	30	476	0	0	0	21	0	6
10	Caversham	497	33	121	100	18	216	0	0	3	6	0	0
11	Church	454	29	215	80	24	97	0	0	3	6	0	0
12	Katesgrove	568	27	69	57	6	391	0	6	0	6	6	0
13	Kentwood	385	9	189	90	44	21	0	6	0	26	0	0
14	Mapledurham	73	3	26	29	6	6	0	0	0	3	0	0
15	Minster	505	12	106	82	33	266	0	0	0	6	0	0
16	Norcot	411	27	214	87	21	50	0	3	0	9	0	0
17	Park	461	43	212	52	9	139	0	0	0	6	0	0
18	Peppard	375	15	194	109	33	24	0	0	0	0	0	0
19	Redlands	372	33	77	54	6	202	0	0	0	0	0	0
20	Southcote	301	6	185	60	15	29	0	3	0	3	0	0
21	Thames	311	18	87	99	30	62	0	6	0	9	0	0
22	Tilehurst	453	9	273	102	48	9	0	9	0	3	0	0
23	Whitley	307	9	203	62	15	18	0	0	0	0	0	0
24	Bulmershe and Whitegates	271	21	143	71	24	6	0	0	0	6	0	0
25	Charvil	35	0	13	13	0	0	0	0	0	9	0	0
26	Coronation	215	6	116	69	12	0	0	3	0	9	0	0
27	Hawkedon	388	24	183	130	36	0	0	3	3	9	0	0
28	Hillside	236	3	125	81	18	3	0	3	0	3	0	0
29	Loddon	237	9	132	72	15	0	0	3	0	6	0	0
30	Maiden Erlegh	258	6	125	71	25	11	0	0	0	20	0	0
31	Shinfield North	86	0	59	27	0	0	0	0	0	0	0	0
32	Shinfield South	96	3	40	50	3	0	0	0	0	0	0	0
33	Sonning	30	3	10	17	0	0	0	0	0	0	0	0
34	South Lake	165	6	87	36	6	0	0	3	0	27	0	0
35	Winnersh	165	0	41	63	9	0	0	0	0	52	0	0
36	Shiplake	65	3	9	35	12	0	0	0	0	6	0	0
37	Sonning Common	61	0	31	15	6	6	0	3	0	0	0	0
38	Henley On Thames	52	0	6	28	0	0	0	0	0	15	3	0
39	Twyford and Wargrave	70	0	6	18	9	0	0	0	0	37	0	0
40	Maidenhead	136	0	3	57	3	0	0	0	0	73	0	0
41	Wokingham	240	0	21	103	9	3	0	3	0	95	3	3
42	Bracknell	180	0	12	69	3	3	0	3	0	87	0	3
43	Basingstoke	144	0	3	66	6	0	0	0	0	69	0	0
44	Oxford	69	0	6	21	6	3	0	0	0	33	0	0
45	North East	758	3	30	328	12	9	0	0	0	340	33	3
46	South East	911	0	60	381	27	6	0	16	0	412	9	0
47	South West	1029	6	61	459	27	39	0	12	0	419	3	3
48	North West	705	3	45	222	27	33	0	6	0	366	0	3
49	Between M4 East and River	141	0	0	68	0	0	0	0	0	73	0	0
	Total Trips =	**14910**	**435**	**4450**	**4289**	**797**	**2338**	**24**	**100**	**12**	**2376**	**57**	**32**

Distribution Proportions

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other
1	Birch Copse	0.02482	0.02069	0.03798	0.02798	0.07152	0.00000	0.00000	0.06000	0.25000	0.00253	0.00000	0.00000
2	Burghfield	0.01060	0.00000	0.01258	0.01819	0.01506	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.09375
3	Calcot	0.03018	0.02069	0.05416	0.03381	0.06524	0.00000	0.00000	0.00000	0.00000	0.00126	0.00000	0.00000
4	Mortimer	0.00376	0.00000	0.00135	0.00420	0.00376	0.00000	0.00000	0.03000	0.00000	0.01094	0.00000	0.00000
5	Theale	0.00630	0.00690	0.00494	0.00979	0.00376	0.00000	0.00000	0.00000	0.00000	0.01010	0.00000	0.00000
6	Purley on Thames	0.01650	0.01379	0.02090	0.02168	0.03137	0.00000	0.00000	0.00000	0.00000	0.01094	0.00000	0.09375
7	Westwood	0.00744	0.00000	0.01416	0.00699	0.01129	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.00000
8	Abbey	0.02213	0.03448	0.01011	0.00583	0.00376	0.08982	1.00000	0.00000	0.00000	0.00126	0.00000	0.15625
9	Battle	0.05895	0.05517	0.04876	0.02448	0.03764	0.20359	0.00000	0.00000	0.00000	0.00884	0.00000	0.18750
10	Caversham	0.03333	0.07586	0.02719	0.02332	0.02258	0.09239	0.00000	0.00000	0.25000	0.00253	0.00000	0.00000
11	Church	0.03045	0.06667	0.04831	0.01865	0.03011	0.04149	0.00000	0.00000	0.25000	0.00253	0.00000	0.00000
12	Katesgrove	0.03810	0.06207	0.01551	0.01329	0.00753	0.16724	0.00000	0.06000	0.00000	0.00253	0.10526	0.00000
13	Kentwood	0.02582	0.02069	0.04247	0.02098	0.05521	0.00898	0.00000	0.06000	0.00000	0.01094	0.00000	0.00000
14	Mapledurham	0.00490	0.00690	0.00584	0.00676	0.00753	0.00257	0.00000	0.00000	0.00000	0.00126	0.00000	0.00000
15	Minster	0.03387	0.02759	0.02382	0.01912	0.04141	0.11377	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
16	Norcot	0.02757	0.06207	0.04809	0.02028	0.02635	0.02139	0.00000	0.03000	0.00000	0.00379	0.00000	0.00000
17	Park	0.03092	0.09885	0.04764	0.01212	0.01129	0.05945	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
18	Peppard	0.02515	0.03448	0.04360	0.02541	0.04141	0.01027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
19	Redlands	0.02495	0.07586	0.01730	0.01259	0.00753	0.08640	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
20	Southcote	0.02019	0.01379	0.04157	0.01399	0.01882	0.01240	0.00000	0.03000	0.00000	0.00126	0.00000	0.00000
21	Thames	0.02086	0.04138	0.01955	0.02308	0.03764	0.02652	0.00000	0.06000	0.00000	0.00379	0.00000	0.00000
22	Tilehurst	0.03038	0.02069	0.06135	0.02378	0.06023	0.00385	0.00000	0.09000	0.00000	0.00126	0.00000	0.00000
23	Whitley	0.02059	0.02069	0.04562	0.01446	0.01882	0.00770	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
24	Bulmershe and Whitegates	0.01818	0.04828	0.03213	0.01655	0.03011	0.00257	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
25	Charvil	0.00235	0.00000	0.00292	0.00303	0.00000	0.00000	0.00000	0.00000	0.00000	0.00379	0.00000	0.00000
26	Coronation	0.01442	0.01379	0.02607	0.01609	0.01506	0.00000	0.00000	0.03000	0.00000	0.00379	0.00000	0.00000
27	Hawkedon	0.02602	0.05517	0.04112	0.03031	0.04517	0.00000	0.00000	0.03000	0.25000	0.00379	0.00000	0.00000
28	Hillside	0.01583	0.00690	0.02809	0.01889	0.02258	0.00128	0.00000	0.03000	0.00000	0.00126	0.00000	0.00000
29	Loddon	0.01590	0.02069	0.02966	0.01679	0.01882	0.00000	0.00000	0.03000	0.00000	0.00253	0.00000	0.00000
30	Maiden Erlegh	0.01730	0.01379	0.02809	0.01655	0.03137	0.00470	0.00000	0.00000	0.00000	0.00842	0.00000	0.00000
31	Shinfield North	0.00577	0.00000	0.01326	0.00630	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
32	Shinfield South	0.00644	0.00690	0.00899	0.01166	0.00376	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
33	Sonning	0.00201	0.00690	0.00225	0.00396	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
34	South Lake	0.01107	0.01379	0.01955	0.00839	0.00753	0.00000	0.00000	0.03000	0.00000	0.01136	0.00000	0.00000
35	Winnersh	0.01107	0.00000	0.00921	0.01469	0.01129	0.00000	0.00000	0.00000	0.00000	0.02189	0.00000	0.00000
36	Shiplake	0.00436	0.00690	0.00202	0.00816	0.01506	0.00000	0.00000	0.00000	0.00000	0.00253	0.00000	0.00000
37	Sonning Common	0.00409	0.00000	0.00697	0.00350	0.00753	0.00257	0.00000	0.03000	0.00000	0.00000	0.00000	0.00000
38	Henley On Thames	0.00349	0.00000	0.00135	0.00653	0.00000	0.00000	0.00000	0.00000	0.00000	0.00631	0.05263	0.00000
39	Twyford and Wargrave	0.00469	0.00000	0.00135	0.00420	0.01129	0.00000	0.00000	0.00000	0.00000	0.01557	0.00000	0.00000
40	Maidenhead	0.00912	0.00000	0.00067	0.01329	0.00376	0.00000	0.00000	0.00000	0.00000	0.03072	0.00000	0.00000
41	Wokingham	0.01610	0.00000	0.00472	0.02401	0.01129	0.00128	0.00000	0.03000	0.00000	0.03998	0.05263	0.09375
42	Bracknell	0.01207	0.00000	0.00270	0.01609	0.00376	0.00128	0.00000	0.03000	0.00000	0.03662	0.00000	0.09375
43	Basingstoke	0.00966	0.00000	0.00067	0.01539	0.00753	0.00000	0.00000	0.00000	0.00000	0.02904	0.00000	0.00000
44	Oxford	0.00463	0.00000	0.00135	0.00490	0.00753	0.00128	0.00000	0.00000	0.00000	0.01389	0.00000	0.00000
45	North East	0.05084	0.00690	0.00674	0.07647	0.01506	0.00385	0.00000	0.00000	0.00000	0.14310	0.57895	0.09375
46	South East	0.06110	0.00000	0.01348	0.08883	0.03388	0.00257	0.00000	0.16000	0.00000	0.17340	0.15789	0.00000
47	South West	0.06901	0.01379	0.01371	0.10702	0.03388	0.01668	0.00000	0.12000	0.00000	0.17635	0.05263	0.09375
48	North West	0.04728	0.00690	0.01011	0.05176	0.03388	0.01411	0.00000	0.06000	0.00000	0.15404	0.00000	0.09375
49	Between M4 East and River	0.00946	0.00000	0.00000	0.01585	0.00000	0.00000	0.00000	0.00000	0.00000	0.03072	0.00000	0.00000
		1	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

Mode share

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse	1.00000	0.02432	0.45676	0.32432	0.15405	0.00000	0.00000	0.01622	0.00811	0.01622	0.00000	0.00000	1.00000
2	Burghfield	1.00000	0.00000	0.35443	0.49367	0.07595	0.00000	0.00000	0.00000	0.00000	0.05696	0.00000	0.01899	1.00000
3	Calcot	1.00000	0.02000	0.53556	0.32222	0.11556	0.00000	0.00000	0.00000	0.00000	0.00667	0.00000	0.00000	1.00000
4	Mortimer	1.00000	0.00000	0.10714	0.32143	0.05357	0.00000	0.00000	0.05357	0.00000	0.46429	0.00000	0.00000	1.00000
5	Theale	1.00000	0.03191	0.23404	0.44681	0.03191	0.00000	0.00000	0.00000	0.00000	0.25532	0.00000	0.00000	1.00000
6	Purley on Thames	1.00000	0.02439	0.37805	0.37805	0.10163	0.00000	0.00000	0.00000	0.00000	0.10569	0.00000	0.01220	1.00000
7	Westwood	1.00000	0.00000	0.56757	0.27027	0.08108	0.00000	0.00000	0.00000	0.00000	0.08108	0.00000	0.00000	1.00000
8	Abbey	1.00000	0.04545	0.13636	0.07576	0.00909	0.63636	0.07273	0.00000	0.00000	0.00909	0.00000	0.01515	1.00000
9	Battle	1.00000	0.02730	0.24687	0.11945	0.03413	0.54152	0.00000	0.00000	0.00000	0.02389	0.00000	0.00683	1.00000
10	Caversham	1.00000	0.06640	0.24346	0.20121	0.03622	0.43461	0.00000	0.00000	0.00604	0.01207	0.00000	0.00000	1.00000
11	Church	1.00000	0.06388	0.47357	0.17621	0.05286	0.21366	0.00000	0.00000	0.00661	0.01322	0.00000	0.00000	1.00000
12	Katesgrove	1.00000	0.04754	0.12148	0.10035	0.01056	0.68838	0.00000	0.01056	0.00000	0.01056	0.01056	0.00000	1.00000
13	Kentwood	1.00000	0.02338	0.49091	0.23377	0.11429	0.05455	0.00000	0.01558	0.00000	0.06753	0.00000	0.00000	1.00000
14	Mapledurham	1.00000	0.04110	0.35616	0.39726	0.08219	0.08219	0.00000	0.00000	0.00000	0.04110	0.00000	0.00000	1.00000
15	Minster	1.00000	0.02376	0.20990	0.16238	0.06535	0.52673	0.00000	0.00000	0.00000	0.01188	0.00000	0.00000	1.00000
16	Norcot	1.00000	0.06569	0.52068	0.21168	0.05109	0.12165	0.00000	0.00730	0.00000	0.02190	0.00000	0.00000	1.00000
17	Park	1.00000	0.09328	0.45987	0.11280	0.01952	0.30152	0.00000	0.00000	0.00000	0.01302	0.00000	0.00000	1.00000
18	Peppard	1.00000	0.04000	0.51733	0.29067	0.08800	0.06400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
19	Redlands	1.00000	0.08871	0.20699	0.14516	0.01613	0.54301	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
20	Southcote	1.00000	0.01993	0.61462	0.19934	0.04983	0.09635	0.00000	0.00997	0.00000	0.00997	0.00000	0.00000	1.00000
21	Thames	1.00000	0.05788	0.27974	0.31833	0.09646	0.19936	0.00000	0.01929	0.00000	0.02894	0.00000	0.00000	1.00000
22	Tilehurst	1.00000	0.01987	0.60265	0.22517	0.10596	0.01987	0.00000	0.01987	0.00000	0.00662	0.00000	0.00000	1.00000
23	Whitley	1.00000	0.02932	0.66124	0.20195	0.04886	0.05863	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
24	Bulmershe and Whitegates	1.00000	0.07749	0.52768	0.26199	0.08856	0.02214	0.00000	0.00000	0.00000	0.02214	0.00000	0.00000	1.00000
25	Charvil	1.00000	0.00000	0.37143	0.37143	0.00000	0.00000	0.00000	0.00000	0.00000	0.25714	0.00000	0.00000	1.00000
26	Coronation	1.00000	0.02791	0.53953	0.32093	0.05581	0.00000	0.00000	0.01395	0.00000	0.04186	0.00000	0.00000	1.00000
27	Hawkedon	1.00000	0.06186	0.47165	0.33505	0.09278	0.00000	0.00000	0.00773	0.00773	0.02320	0.00000	0.00000	1.00000
28	Hillside	1.00000	0.01271	0.52966	0.34322	0.07627	0.01271	0.00000	0.01271	0.00000	0.01271	0.00000	0.00000	1.00000
29	Loddon	1.00000	0.03797	0.55696	0.30380	0.06329	0.00000	0.00000	0.01266	0.00000	0.02532	0.00000	0.00000	1.00000
30	Maiden Erlegh	1.00000	0.02326	0.48450	0.27519	0.09690	0.04264	0.00000	0.00000	0.00000	0.07752	0.00000	0.00000	1.00000
31	Shinfield North	1.00000	0.00000	0.68605	0.31395	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
32	Shinfield South	1.00000	0.03125	0.41667	0.52083	0.03125	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
33	Sonning	1.00000	0.10000	0.33333	0.56667	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
34	South Lake	1.00000	0.03636	0.52727	0.21818	0.03636	0.00000	0.00000	0.01818	0.00000	0.16364	0.00000	0.00000	1.00000
35	Winnersh	1.00000	0.00000	0.24848	0.38182	0.05455	0.00000	0.00000	0.00000	0.00000	0.31515	0.00000	0.00000	1.00000
36	Shiplake	1.00000	0.04615	0.13846	0.53846	0.18462	0.00000	0.00000	0.00000	0.00000	0.09231	0.00000	0.00000	1.00000
37	Sonning Common	1.00000	0.00000	0.50820	0.24590	0.09836	0.09836	0.00000	0.04918	0.00000	0.00000	0.00000	0.00000	1.00000
38	Henley On Thames	1.00000	0.00000	0.11538	0.53846	0.00000	0.00000	0.00000	0.00000	0.00000	0.28846	0.05769	0.00000	1.00000
39	Twyford and Wargrave	1.00000	0.00000	0.08571	0.25714	0.12857	0.00000	0.00000	0.00000	0.00000	0.52857	0.00000	0.00000	1.00000
40	Maidenhead	1.00000	0.00000	0.02206	0.41912	0.02206	0.00000	0.00000	0.00000	0.00000	0.53676	0.00000	0.00000	1.00000
41	Wokingham	1.00000	0.00000	0.08750	0.42917	0.03750	0.01250	0.00000	0.01250	0.00000	0.39583	0.01250	0.01250	1.00000
42	Bracknell	1.00000	0.00000	0.06667	0.38333	0.01667	0.01667	0.00000	0.01667	0.00000	0.48333	0.00000	0.01667	1.00000
43	Basingstoke	1.00000	0.00000	0.02083	0.45833	0.04167	0.00000	0.00000	0.00000	0.00000	0.47917	0.00000	0.00000	1.00000
44	Oxford	1.00000	0.00000	0.08696	0.30435	0.08696	0.04348	0.00000	0.00000	0.00000	0.47826	0.00000	0.00000	1.00000
45	North East	1.00000	0.00396	0.03958	0.43272	0.01583	0.01187	0.00000	0.00000	0.00000	0.44855	0.04354	0.00396	1.00000
46	South East	1.00000	0.00000	0.06586	0.41822	0.02964	0.00659	0.00000	0.01756	0.00000	0.45225	0.00988	0.00000	1.00000
47	South West	1.00000	0.00583	0.05928	0.44606	0.02624	0.03790	0.00000	0.01166	0.00000	0.40719	0.00292	0.00292	1.00000
48	North West	1.00000	0.00426	0.06383	0.31489	0.03830	0.04681	0.00000	0.00851	0.00000	0.51915	0.00000	0.00426	1.00000
49	Between M4 East and River	1.00000	0.00000	0.00000	0.48227	0.00000	0.00000	0.00000	0.00000	0.00000	0.51773	0.00000	0.00000	1.00000
		1.00000	**0.02918**	**0.29846**	**0.28766**	**0.05345**	**0.15681**	**0.00161**	**0.00671**	**0.00080**	**0.15936**	**0.00382**	**0.00215**	1
						0.18582								

Mode share - Revised to meet modeshare requirements 0 by car driver

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.05	0.88	0.00	0.00	0.00	0.00	0.03	0.02	0.03	0.00	0.00	1.00
2	Burghfield		0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.04	1.00
3	Calcot		0.04	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.00
4	Mortimer		0.00	0.17	0.00	0.00	0.00	0.00	0.09	0.00	0.74	0.00	0.00	1.00
5	Theale		0.06	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	1.00
6	Purley on Thames		0.05	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.02	1.00
7	Westwood		0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	1.00
10	Abbey		0.05	0.15	0.00	0.00	0.70	0.08	0.00	0.00	0.01	0.00	0.02	1.00
11	Battle		0.03	0.29	0.00	0.00	0.64	0.00	0.00	0.00	0.03	0.00	0.01	1.00
12	Caversham		0.09	0.32	0.00	0.00	0.57	0.00	0.00	0.01	0.02	0.00	0.00	1.00
11	Church		0.08	0.61	0.00	0.00	0.28	0.00	0.00	0.01	0.02	0.00	0.00	1.00
14	Katesgrove		0.05	0.14	0.00	0.00	0.77	0.00	0.01	0.00	0.01	0.01	0.00	1.00
15	Kentwood		0.04	0.75	0.00	0.00	0.08	0.00	0.02	0.00	0.10	0.00	0.00	1.00
14	Mapledurham		0.08	0.68	0.00	0.00	0.16	0.00	0.00	0.00	0.08	0.00	0.00	1.00
15	Minster		0.03	0.27	0.00	0.00	0.68	0.00	0.00	0.00	0.02	0.00	0.00	1.00
16	Norcot		0.09	0.71	0.00	0.00	0.17	0.00	0.01	0.00	0.03	0.00	0.00	1.00
17	Park		0.11	0.53	0.00	0.00	0.35	0.00	0.00	0.00	0.02	0.00	0.00	1.00
18	Peppard		0.06	0.83	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.00
21	Redlands		0.11	0.25	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	1.00
20	Southcote		0.03	0.82	0.00	0.00	0.13	0.00	0.01	0.00	0.01	0.00	0.00	1.00
21	Thames		0.10	0.48	0.00	0.00	0.34	0.00	0.03	0.00	0.05	0.00	0.00	1.00
24	Tilehurst		0.03	0.90	0.00	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.00	1.00
25	Whitley		0.04	0.88	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.00
26	Bulmershe and Whitegates		0.12	0.81	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.00	0.00	1.00
25	Charvil		0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	1.00
26	Coronation		0.04	0.87	0.00	0.00	0.00	0.00	0.02	0.00	0.07	0.00	0.00	1.00
27	Hawkedon		0.11	0.82	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.00	0.00	1.00
28	Hillside		0.02	0.91	0.00	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00	1.00
29	Loddon		0.06	0.88	0.00	0.00	0.00	0.00	0.02	0.00	0.04	0.00	0.00	1.00
30	Maiden Erlegh		0.04	0.77	0.00	0.00	0.07	0.00	0.00	0.00	0.12	0.00	0.00	1.00
31	Shinfield North		0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
32	Shinfield South		0.07	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
33	Sonning		0.23	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
34	South Lake		0.05	0.71	0.00	0.00	0.00	0.00	0.02	0.00	0.22	0.00	0.00	1.00
37	Winnersh		0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	1.00
36	Shiplake		0.17	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	1.00
37	Sonning Common		0.00	0.78	0.00	0.00	0.15	0.00	0.08	0.00	0.00	0.00	0.00	1.00
38	Henley On Thames		0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.13	0.00	1.00
41	Twyford and Wargrave		0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	1.00
40	Maidenhead		0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	1.00
41	Wokingham		0.00	0.16	0.00	0.00	0.02	0.00	0.02	0.00	0.74	0.02	0.02	1.00
44	Bracknell		0.00	0.11	0.00	0.00	0.03	0.00	0.03	0.00	0.81	0.00	0.03	1.00
43	Basingstoke		0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	1.00
44	Oxford		0.00	0.14	0.00	0.00	0.07	0.00	0.00	0.00	0.79	0.00	0.00	1.00
47	North East		0.01	0.07	0.00	0.00	0.02	0.00	0.00	0.00	0.81	0.08	0.01	1.00
48	South East		0.00	0.12	0.00	0.00	0.01	0.00	0.03	0.00	0.82	0.02	0.00	1.00
49	South West		0.01	0.11	0.00	0.00	0.07	0.00	0.02	0.00	0.77	0.01	0.01	1.00
48	North West		0.01	0.10	0.00	0.00	0.07	0.00	0.01	0.00	0.80	0.00	0.01	1.00
49	Between M4 East and River		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
					0	0								
						#DIV/0!								

Mode share - Revised to meet modeshare requirements

2 * rail use

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.05	0.85	0.00	0.00	0.00	0.00	0.03	0.02	0.06	0.00	0.00	1.00
2	Burghfield		0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.04	1.00
3	Calcot		0.04	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	1.00
4	Mortimer		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
5	Theale		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	1.00
6	Purley on Thames		0.03	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.02	1.00
7	Westwood		0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	1.00
10	Abbey		0.05	0.15	0.00	0.00	0.69	0.08	0.00	0.00	0.02	0.00	0.02	1.00
11	Battle		0.03	0.28	0.00	0.00	0.62	0.00	0.00	0.00	0.06	0.00	0.01	1.00
12	Caversham		0.09	0.31	0.00	0.00	0.56	0.00	0.00	0.01	0.03	0.00	0.00	1.00
11	Church		0.08	0.60	0.00	0.00	0.27	0.00	0.00	0.01	0.03	0.00	0.00	1.00
14	Katesgrove		0.05	0.13	0.00	0.00	0.76	0.00	0.01	0.00	0.02	0.01	0.00	1.00
15	Kentwood		0.03	0.67	0.00	0.00	0.07	0.00	0.02	0.00	0.21	0.00	0.00	1.00
14	Mapledurham		0.07	0.63	0.00	0.00	0.14	0.00	0.00	0.00	0.16	0.00	0.00	1.00
15	Minster		0.03	0.27	0.00	0.00	0.67	0.00	0.00	0.00	0.03	0.00	0.00	1.00
16	Norcot		0.09	0.68	0.00	0.00	0.16	0.00	0.01	0.00	0.06	0.00	0.00	1.00
17	Park		0.11	0.52	0.00	0.00	0.34	0.00	0.00	0.00	0.03	0.00	0.00	1.00
18	Peppard		0.06	0.83	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.00
21	Redlands		0.11	0.25	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	1.00
20	Southcote		0.03	0.81	0.00	0.00	0.13	0.00	0.01	0.00	0.03	0.00	0.00	1.00
21	Thames		0.09	0.45	0.00	0.00	0.32	0.00	0.03	0.00	0.10	0.00	0.00	1.00
24	Tilehurst		0.03	0.89	0.00	0.00	0.03	0.00	0.03	0.00	0.02	0.00	0.00	1.00
25	Whitley		0.04	0.88	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.00
26	Bulmershe and Whitegates		0.12	0.78	0.00	0.00	0.03	0.00	0.00	0.00	0.07	0.00	0.00	1.00
25	Charvil		0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	1.00
26	Coronation		0.04	0.80	0.00	0.00	0.00	0.00	0.02	0.00	0.13	0.00	0.00	1.00
27	Hawkedon		0.10	0.79	0.00	0.00	0.00	0.00	0.01	0.01	0.08	0.00	0.00	1.00
28	Hillside		0.02	0.89	0.00	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.00	1.00
29	Loddon		0.06	0.84	0.00	0.00	0.00	0.00	0.02	0.00	0.08	0.00	0.00	1.00
30	Maiden Erlegh		0.03	0.66	0.00	0.00	0.06	0.00	0.00	0.00	0.25	0.00	0.00	1.00
31	Shinfield North		0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
32	Shinfield South		0.07	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
33	Sonning		0.23	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
34	South Lake		0.04	0.51	0.00	0.00	0.00	0.00	0.02	0.00	0.44	0.00	0.00	1.00
37	Winnersh		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
36	Shiplake		0.08	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	1.00
37	Sonning Common		0.00	0.78	0.00	0.00	0.15	0.00	0.08	0.00	0.00	0.00	0.00	1.00
38	Henley On Thames		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
41	Twyford and Wargrave		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
40	Maidenhead		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
41	Wokingham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
44	Bracknell		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
43	Basingstoke		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
44	Oxford		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
47	North East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
48	South East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
49	South West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
48	North West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
49	Between M4 East and River		0.00	0.00	0.00	0.0000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
					0.00	0.0000								0
						#DIV/0!								

Zone Number	Zone Name	All Trips	Bicycle	Bus	Car Drivers	Car Passengers	Foot	Home	Motorcycle	Taxi	Train	Underground	Other	
1	Birch Copse		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
2	Burghfield		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
3	Calcot		0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
4	Mortimer		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Theale		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
6	Purley on Thames		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02
7	Westwood		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
7	Abbey		0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
10	Battle		0.00	0.02	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.06
11	Caversham		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11	Church		0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
11	Katesgrove		0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04
14	Kentwood		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03
14	Mapledurham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Minster		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
16	Norcot		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
17	Park		0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18	Peppard		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
18	Redlands		0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
20	Southcote		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
21	Thames		0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02
21	Tilehurst		0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
24	Whitley		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
25	Bulmershe and Whitegates		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
25	Charvil		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Coronation		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
27	Hawkedon		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
28	Hillside		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
29	Loddon		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
30	Maiden Erlegh		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
31	Shinfield North		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
32	Shinfield South		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
33	Sonning		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	South Lake		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
34	Winnersh		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
36	Shiplake		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	Sonning Common		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Henley On Thames		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Twyford and Wargrave		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Maidenhead		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
41	Wokingham		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02
41	Bracknell		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
43	Basingstoke		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
44	Oxford		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	North East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.05
47	South East		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.06
48	South West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.07
48	North West		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.05
49	Between M4 East and River		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
			3.82%	**39.69%**	**0.00%**	**0.00%**	**18.14%**	**0.17%**	**0.56%**	**0.12%**	**37.30%**	**0.04%**	**0.15%**	1

Appendix D – Garrad Street Pedestrian Crossing VISSIM Model

TECHNICAL NOTE

Job Name: Station Hill, Reading

Job No: 16996/010

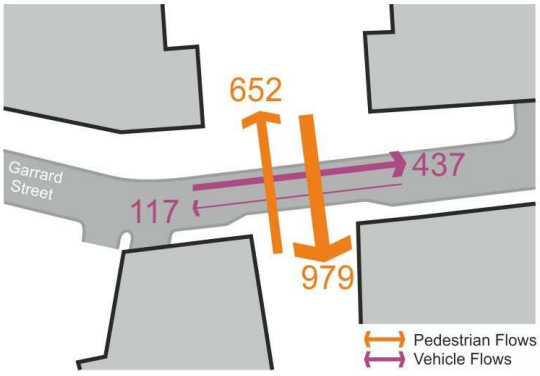
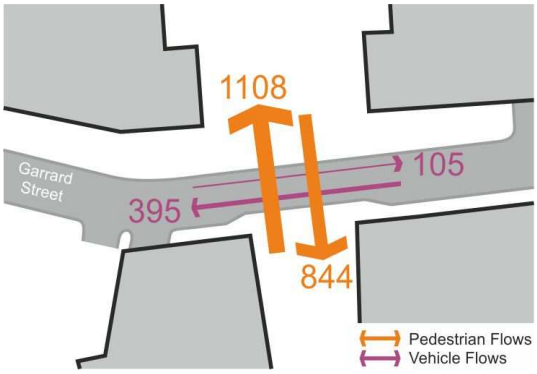
Note No: 16996/010/TN005

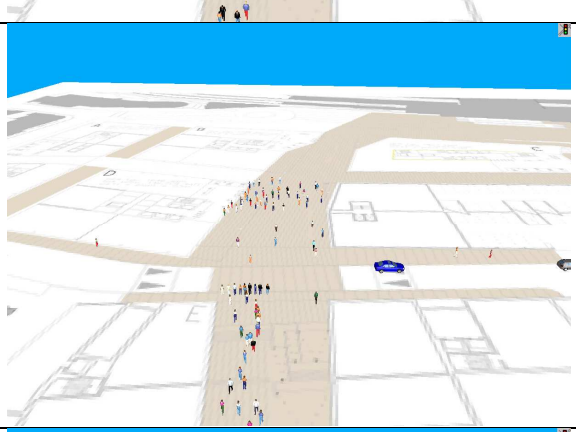
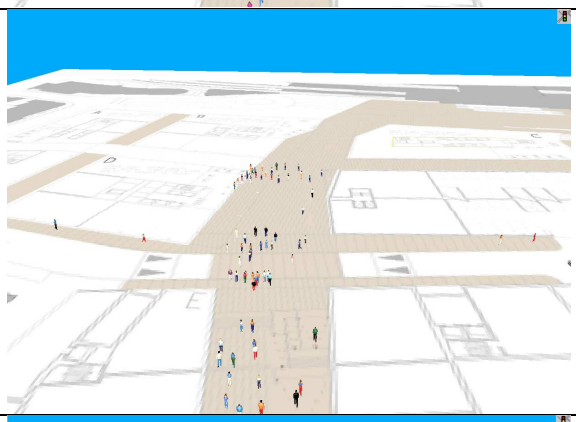
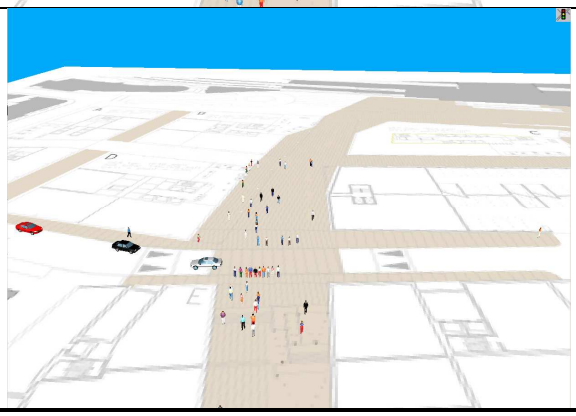
Date: 11th March 2013

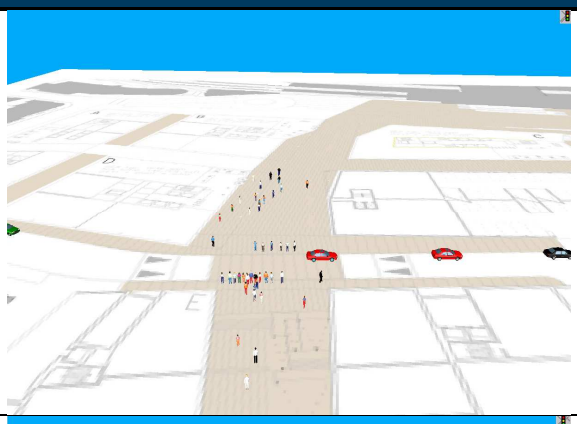
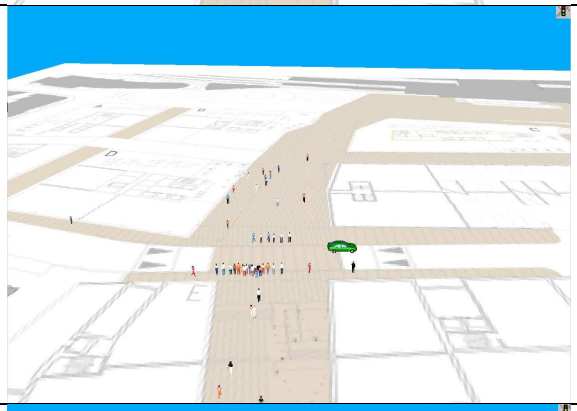
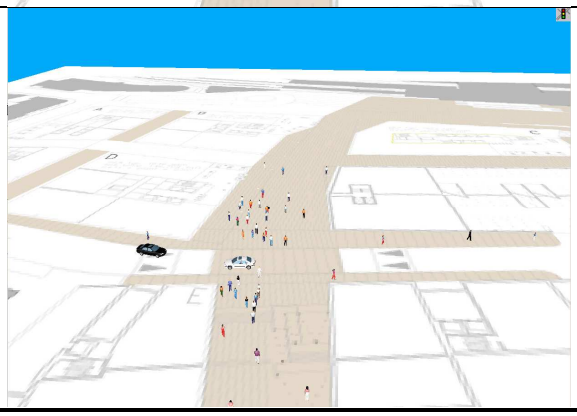
Prepared By: Christopher Brice

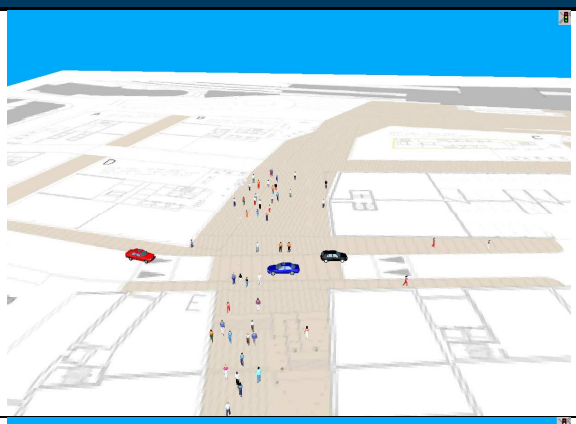
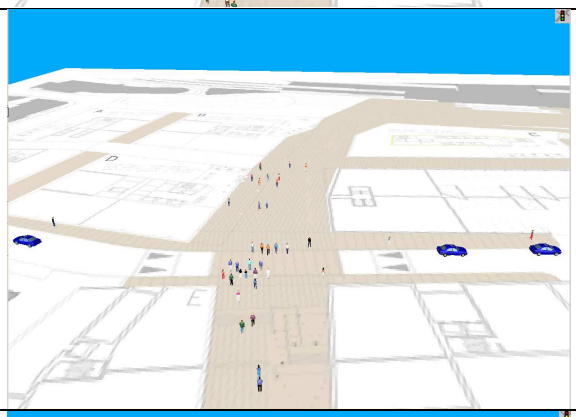
Subject: **Garrard Street Pedestrian Crossing**

Item	Subject
1.	<u>Introduction</u> As part of the Station Hill redevelopment, a new pedestrian route is proposed between Friar Street and the new lowered South-west interchange. It is intended that the whole route is free of signal controlled pedestrian crossings including at its junction with Garrard Street where the main vehicle access to the multi-storey car park will be maintained. A VISSIM microsimulation model was developed to show the interaction between cars and pedestrians at this point to help understand whether an uncontrolled crossing point would work successfully. The output from an earlier version this work was originally presented to Reading Council Members and Officers in January 2012.The assessment undertaken included a video that showed a simulation of how the proposed pedestrian crossing on Garrard Street would operate without signalisation. This note provides further details on the proposed crossing simulation, demonstrating that the proposed development is not envisaged to have an impact to highway safety or operation of Garrard Street, and that a signal controlled crossing is not needed.
2.	<u>The 'with development' Scenario</u> The 'pedestrian movement' forecasts developed in the transport assessment have been distributed locally around the site and the town centre based on the shortest walking route available. This provides a forecast for the maximum number of people seeking to cross at the crossing point on Garrard Street with the development fully occupied in a peak hour. The forecasts also allow for other planned town centre development and a doubling of passenger numbers at Reading station. The maximum number of pedestrians estimated to use the Garrard Street crossing has been calculated as 1630 AM and 1950 PM (two-way). This accounts for the number of people generated from the maximum floor space development scheme and so represents a 'worst case' scenario. It also includes a prediction of the number of people likely to walk through the development between the station and town centre. The vehicular flow along Garrard Street with the development fully occupied is estimated as being 500-600 vehicles (two-way). These flows are summarised in the diagram overleaf.

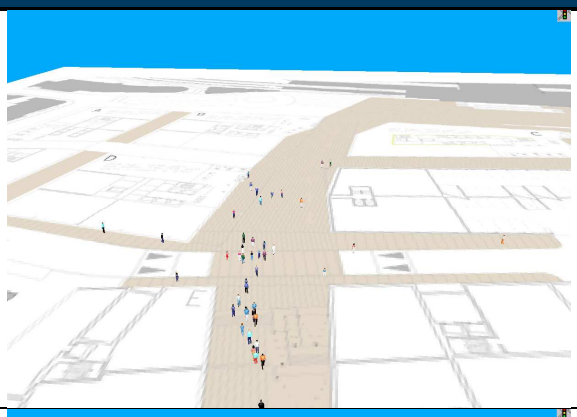
Item	Subject
	AM Peak Flows  PM Peak Flows  The VISSIM model has been used to test these flows to establish whether the crossing could operate without signal control. It should be noted that the VISSIM model assumes a crossing width of 7 metres. It is likely that this width will be reduced as part of the development masterplan (possibly to around 5 metres), making crossing the road slightly easier than that modelled. The following screenshot of the PM VISSIM model have been taken at intervals of 10 seconds for a 140 second peak period to show the operation of the Garrard Street Crossing.

Item	Subject		
	Time (secs)	Screen Shot	Comment
	0		A group of pedestrians waiting for a gap in traffic begins to form.
	10		A single file group of pedestrians waiting to cross the street begins to build as vehicle flows continue.
	20		A gap in traffic enables pedestrians to cross Garrard Street.
	30		Vehicles begin to flow along Garrard Street preventing pedestrians from crossing Garrard Street.

Item	Subject		
	40		The group of pedestrians waiting to cross Garrard Street continues to increase
	50		The group of pedestrians waiting to cross Garrard Street increases to two deep in places.
	60		A gap in traffic enables the group to disperse as pedestrians are able to cross Garrard Street.
	70		Traffic flow prevents pedestrians from crossing the road.

Item	Subject		
	80		A group of pedestrians waiting for a gap in traffic begins to form.
	90		A single file group of pedestrians waiting to cross the street begins to build as vehicle flows continue.
	100		A gap in traffic enables pedestrians to cross Garrard Street
	110		Vehicles begin to flow along Garrard Street preventing pedestrians from crossing Garrard Street.

Item	Subject

120		A gap in traffic enables pedestrians to cross Garrard Street.
130		Pedestrians continue to move across Garrard Street freely.
140		Vehicles begin to flow along Garrard Street preventing pedestrians from crossing Garrard Street.

It can be seen from the screen shots shown above that the vehicular flow along Garrard Street results in some pedestrians being required to wait to cross the street where peaks in traffic arise.

The length of time pedestrians are required to wait is not however considered to be excessive with a gap in traffic appearing approximately every 10 to 30 seconds. This indicates that overall pedestrian delay is relatively small since many cross without having to wait. The proposed crossing does not cause a significant delay to vehicles, as it has no signalisation, but vehicles do slow down because of the high numbers of pedestrians either crossing or waiting to cross.

3. <u>Tipping Point Scenario</u>

The output presented to Reading Council Members in January 2012 effectively represented a theoretical 'tipping point' above which further increases in vehicle or

Item	Subject
	pedestrian flow *could* cause a problem. The VISSIM model simulated a scenario that represented the maximum number of pedestrians and vehicles that could be accommodated before the level of pedestrian delay and conflict may reach a level considered to be unacceptable. This was taken as an estimated waiting time of one minute. Above these levels of pedestrian/vehicle conflict, delays to pedestrians could build up to higher values and require traffic signal control. This point was found to be in the region of 2200 people crossing Garrard Street while 650 vehicles travelled along it in the morning peak period, which is between 13% and 34% higher than the 'maximum' development scenario tested above.
4.	<u>Conclusion</u> The VISSIM analysis undertaken as part of the development application process has demonstrated that even at the maximum development scenario with a 7 metre road with, the crossing point on Garrard Street will operate satisfactorily without significant delay to pedestrians or drivers. Based on this analysis, it is concluded that potential conflict between pedestrians waiting to cross the road and vehicles on Garrard Street is not a significant concern, and that traffic signals will not be needed. Both the estimated pedestrian flow and vehicular flow for the maximum floor space Station Hill development are lower than the flows included in the VISSIM 'Tipping Point' simulation previously presented to Reading Council Members in January 2012.

Appendix E – Reading Transport Model (RTM) Outputs

TECHNICAL NOTE

Job Name: Station Hill

Job No: 27655/003

Note No: 001

Date: 15/3/13

Prepared By: J Pound

Subject: **Station Hill model forecast**

Flow data for the Station Hill forecasts has been extracted from a forecast highway model of the Reading area. This model has been derived from a 2007 base year, as used in the LSTF bid submission project.

The forecast has assumed background growth to a nominal forecast year of 2015, derived from the NTEM 6.2 dataset, and with the following consented developments explicitly modelled:

DOCUMENT ISSUE RECORD

Technical Note No	Rev	Date	Prepared	Checked	Reviewed (Discipline Lead)	Approved (Project Director)
27655/003/TN001	-	19.03.13	J Pound	T Withey		

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Development	Land Use and Quantum						
	Resi (Dwellings)	B1 Office (100 sqm)	Industry/Warehousing (100 sqm)	Retail (100 sqm)	Food Store (100 sqm)	Leisure (100 sqm)	Hotel (units)
Greenpark Phases 1 & 2		1304					
		435					
Plot 17		223					
Reading International Business Park		453					
Battle Hospital	435						
Battle Hospital		4					
Battle Hospital				12			
Battle Hospital					83		
Chatham Street development	450						
Chatham Street development		333					
Chatham Street development				31			
Chatham Street development						5	
Chatham Street development							200
Reading Gateway (East)	1416						
Reading Gateway (East)		25					
Reading Gateway (East)				65			
Reading Gateway (East)					81		
Reading Gateway (East)						6	
Reading Gateway (East)							210
Reading Gateway (West)		700					
42 Kenavon Drive	535						
Winnersh Residenitial	433						
Winnersh IQ		557					
Worton Grange		74					
Worton Grange			615				
Dee Park Regeneration	387						
Greenpark Phase 3	737						
Greenpark Phase 3		160					
Station Hill	300						
Station Hill		1037					
Station Hill				115			
Station Hill						19	
Royal Mail Site	682						
Royal Mail Site		500					
Royal Mail Site				60			
Royal Mail Site							100
Thames Tower		30					
Queens House/Energis		670					
Plaza West		38					
Berkshire Brewery (A33 Replacement of Commercial with Residential)	750						

The development quanta identified in the table above are the net increases over 2007 levels.

Standard trip rates, derived from TRICS have been used, however where a development TA or other evidence has indicated a reduced level of vehicle trip generation due to parking constraints (most prevalent in the town centre), the standard trip rates have been adjusted to reflect this. Similarly, where there is evidence of a large amount of non-primary trip generation at retail sites, the standard trip rates have been modified appropriately. The standard trip rates used are given below:

Development type	Vehicle type	Unit	Lookup	AM In	AM Out	IP In	IP Out	PM In	PM Out	Total
Residential	Vehicles	1 Dwelling	Residential-Vehicles	0.116	0.325	0.145	0.148	0.315	0.155	1.204
Residential	OGVs	1 Dwelling	Residential-OGVs	0.000	0.002	0.002	0.002	0.001	0.001	0.008
B1 Office	Vehicles	100sqm GFA	B1 Office-Vehicles	1.239	0.199	0.307	0.321	0.168	1.070	3.304
B1 Office	OGVs	100sqm GFA	B1 Office-OGVs	0.005	0.003	0.004	0.004	0.000	0.000	0.016
Food retail	Vehicles	100sqm GFA	Food retail-Vehicles	3.078	2.078	5.393	5.332	5.606	6.032	27.520
Food retail	OGVs	100sqm GFA	Food retail-OGVs	0.021	0.024	0.018	0.016	0.010	0.014	0.103
Non-food retail	Vehicles	100sqm GFA	Non-food retail-Vehicles	0.368	0.189	2.239	2.171	1.332	1.352	7.650
Non-food retail	OGVs	100sqm GFA	Non-food retail-OGVs	0.000	0.000	0.005	0.005	0.010	0.010	0.030
Leisure	Vehicles	100sqm GFA	Leisure-Vehicles	0.471	0.412	1.839	1.681	2.992	2.154	9.549
Leisure	OGVs	100sqm GFA	Leisure-OGVs	0.000	0.000	0.020	0.018	0.000	0.000	0.037
Hotel (GFA)	Vehicles	100sqm GFA	Hotel (GFA)-Vehicles	0.230	0.347	0.187	0.199	0.323	0.236	1.522
Hotel (GFA)	OGVs	100sqm GFA	Hotel (GFA)-OGVs	0.005	0.008	0.004	0.005	0.002	0.002	0.026
Hotel (Beds)	Vehicles	1 bedroom	Hotel (Beds)-Vehicles	0.096	0.143	0.079	0.084	0.134	0.099	0.635
Hotel (Beds)	OGVs	1 bedroom	Hotel (Beds)-OGVs	0.002	0.003	0.002	0.002	0.001	0.001	0.011
Pub / Restaurant	Vehicles	100sqm GFA	Pub / Restaurant-Vehicles	0.471	0.412	1.839	1.681	2.992	2.154	9.549
Pub / Restaurant	OGVs	100sqm GFA	Pub / Restaurant-OGVs	0.000	0.000	0.020	0.018	0.000	0.000	0.037
Warehousing	Vehicles	100sqm GFA	Warehousing-Vehicles	0.165	0.057	0.108	0.109	0.059	0.160	0.658
Warehousing	OGVs	100sqm GFA	Warehousing-OGVs	0.021	0.032	0.038	0.027	0.023	0.017	0.158

In terms of infrastructure the forecast model includes the widening at Cow Lane Bridges which includes the removal of the signals.

Station Hill development

Two models were built to test the Station Hill development, an extant model which assumes the current land uses fully occupied, and a development model with the proposed land uses.

As part of the development the number of public parking spaces at Garrard Street car park is being reduced. This means a proportion of the current trips using it will instead use other car parks in the town centre and the model has been adjusted to reflect this. The number of trips removed from Garrard Street car park and where to distribute them is shown in the table below supplied by Stanhope.

To/From Car Park	0800-0900		1700-1800	
	Arrival	Departure	Arrival	Departure
Broad St	21	1	2	16
Holybrook	21	1	2	15
Queens Road	16	1	2	15
Riverside	17	1	2	13
Station	37	1	4	27
Chatham Place	24	1	3	18

The table above is derived from Stanhope's own assessment of the number of trips to the car park in the future. The number of trips to/from Garrard Street car park in the model differed to that used by Stanhope. The extant model was adjusted accordingly to match the Stanhope numbers.