

Appendix G. Traffic Flow tables

Flow tables are provided for Base 2013 scenario, Do Minimum 2033, Modified Scenarios 3 and 3b, Scenario 6 and Modified Scenario 8. These show the lowest, the highest and the average number of vehicles within the model that travel on each link within the study area.

It is worth to note a road within the model is composed for a series of links. Therefore, for small roads the difference between lowest and highest flows is minimal, however for main/long roads such as Lower Icknield way the difference in flows could varies significantly along the road, resulting on a larger difference between the lowest and highest flow.

Table 1. Flows at AM Peak

Road/Location	Direction	2013 Base			2033 DM			Modified Scenario 3 with Culverton Link			Modified Scenario 3 without Culverton Link			Modified Scenario 3b with Culverton Link			Modified Scenario 3b without Culverton Link			Scenario 6			Modified Scenario 8		
		Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average
Askett Village Lane	E/S B	221	227	223	349	350	350	337	369	358	337	371	360	338	369	359	338	372	360	324	338	329	389	408	402
Askett Village Lane	N/W B	120	122	121	191	191	191	196	213	207	194	210	205	195	212	206	192	208	203	207	212	211	260	278	272
Crowbook road	N	5	5	5	13	13	13	32	32	32	34	34	34	32	32	32	34	34	34	25	25	25	47	47	47
Crowbook road	S	13	13	13	14	14	14	17	17	17	17	17	17	16	16	16	17	17	17	43	43	43	46	46	46
Church Lane/ Bridge Street	N	50	50	50	60	60	60	49	49	49	50	50	50	52	52	52	51	51	51	32	32	32	0	0	0
Church Lane/ Bridge Street	S	98	98	98	149	149	149	131	131	131	131	131	131	131	131	131	129	129	129	0	0	0	5	5	5
Mill Lane south of Railway Line	W	47	97	72	67	130	98	85	134	104	90	143	111	81	129	104	85	136	109	122	173	146	131	184	155
Mill Lane south of Railway Line	E	71	102	84	92	121	104	129	152	137	130	154	139	129	183	149	132	182	151	129	162	146	189	222	203
Mill Lane north of Railway Line	W	93	99	95	119	126	122	125	152	143	131	159	150	123	212	195	127	226	207	173	228	202	182	256	212
Mill Lane north of Railway Line	E	89	89	89	108	109	109	137	160	146	140	163	149	163	191	168	172	191	175	131	143	134	197	222	206
Lower Icknield Way	N	296	578	474	376	793	604	406	779	617	401	779	618	413	782	625	404	782	625	385	898	559	421	1072	725
Lower Icknield Way	S	332	630	502	445	720	594	560	799	663	557	813	663	559	852	680	555	871	673	548	776	638	604	966	767
Longwick Road near Tesco roundabout	E/S B	255	364	310	340	453	397	424	528	476	439	541	490	401	535	468	403	532	468	420	509	465	407	487	447
Longwick Road near Tesco roundabout	N/W B	206	290	248	310	391	350	342	403	372	331	394	363	351	410	380	341	402	371	345	398	372	318	358	338
A4010 (between Mill Lane roundabout and Tesco roundabout)	N	436	482	448	512	573	527	493	585	514	511	588	529	502	588	523	512	587	531	400	533	428	146	302	199
A4010 (between Mill Lane roundabout and Tesco roundabout)	S	594	659	608	688	774	706	633	755	658	631	753	656	645	753	667	633	757	659	577	720	607	231	407	276

Table 2. Flows at PM Peak hour

Road/Location	Direction	2013 Base			2033 DM			Modified Scenario 3 with Culverton Link			Modified Scenario 3 without Culverton Link			Modified Scenario 3b with Culverton Link			Modified Scenario 3b without Culverton Link			Scenario 6			Modified Scenario 8		
		Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average
Askett Village Lane	E/S B	214	222	219	286	304	298	282	321	308	284	323	310	277	318	304	278	320	306	249	290	276	338	395	376
Askett Village Lane	N/W B	180	185	183	190	197	194	203	217	212	204	218	213	204	214	211	195	208	203	186	207	200	267	297	287
Crowbook road	N	16	16	16	25	25	25	39	39	39	40	40	40	46	46	46	44	44	44	47	47	47	76	76	76
Crowbook road	S	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	28	28	28	49	49	49
Church Lane/ Bridge Street	N	29	29	29	42	42	42	31	31	31	95	95	95	31	31	31	38	38	38	31	31	31	2	2	2
Church Lane/ Bridge Street	S	108	108	108	103	103	103	96	96	96	32	32	32	105	105	105	102	102	102	0	0	0	1	1	1
Mill Lane south of Railway Line	W	53	103	73	101	138	112	114	157	129	116	155	129	142	177	152	143	180	155	143	171	150	170	201	177
Mill Lane south of Railway Line	E	33	81	56	68	102	82	71	116	89	82	122	97	74	110	90	81	118	98	61	94	75	98	139	115
Mill Lane north of Railway Line	W	88	88	88	114	116	115	135	144	142	133	142	140	154	159	155	161	164	162	165	204	175	175	216	191
Mill Lane north of Railway Line	E	70	74	71	90	95	91	110	133	128	115	139	134	124	185	174	131	195	183	108	123	115	143	205	168
Lower Icknield Way	N	377	672	569	472	819	674	537	825	700	529	838	704	539	876	707	530	888	714	287	957	591	605	1272	886
Lower Icknield Way	S	343	559	457	423	677	557	487	702	586	448	709	586	488	743	597	449	737	588	452	684	536	466	898	648
Longwick Road near Tesco roundabout	E/S B	280	298	289	383	396	390	358	366	362	387	394	390	373	380	376	398	404	401	288	290	289	267	271	269
Longwick Road near Tesco roundabout	N/W B	224	349	287	380	507	444	438	557	497	439	559	499	415	533	474	419	537	478	388	498	443	408	505	456
A4010 (between Mill Lane roundabout and Tesco roundabout)	N	726	762	734	784	868	802	796	893	816	789	889	810	829	921	849	835	927	854	655	775	681	210	434	303
A4010 (between Mill Lane roundabout and Tesco roundabout)	S	419	451	429	524	570	534	506	564	518	503	568	517	513	557	522	509	562	520	455	497	465	128	229	167