



UNIVERSAL DESTINATIONS & EXPERIENCES UK PROJECT

Former Kempston Hardwick Brickworks
and adjoining land, Bedford

Appendix 5.4 Traffic Flows for Sensitivity Testing Scenario 5a (Volume 3)

Report reference: 4.5.4.0

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Scenario 5a Sensitivity Test Flows (Full East West Rail connection from Oxford to Cambridge)

Link	24 Hour AADT		Weekday 08:00 to 09:00		Weekday 17:00 to 18:00	
	Total Vehicles	HDV	Total Vehicles	HDV	Total Vehicles	HDV
1 - A507 Bedford Road	19229	2025	1716	170	1765	117
2 - Ridgmont Interchange	20060	1642	1679	129	1993	100
3 - A421	39060	4444	3155	357	3180	273
4 - A421	37147	3559	3027	279	2946	201
5 - M1	123630	21445	9396	1600	9789	1328
6 - M1	111348	20425	8547	1561	8586	1279
7 - A421 Salford Road	26447	2461	2438	218	2266	137
8 - Salford Road	5154	207	521	16	775	12
9 - A421	69484	6678	5863	578	5857	376
10 - Beancroft Road	6533	198	625	11	653	10
11 - Lower Shelton Road	955	148	95	11	62	8
12 - Beancroft Road	13101	774	1345	48	1289	37
13 - Beancroft Road	16047	736	1619	58	1514	34
14 - Marston Moretaine	6546	152	677	10	725	6
15 - Beancroft Road	8485	144	750	11	801	6
16 - Marston Moretaine	7709	509	842	41	763	24
17 - A421	72153	6829	6394	561	6138	382
18 - Bedford Road	9527	587	952	45	920	28
19 - Bedford Road	6854	616	685	45	592	29
20 - Green Lane	6565	405	945	27	578	17
21 - Stewartby Way	9276	322	1032	24	907	16

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22 - Broadmead Road	5165	66	500	5	513	3
23 - Broadmead Road	5760	72	567	4	567	3
24 - Broadmead Road	7399	83	693	5	674	5
25 - Stewartby Way	8595	259	899	21	836	15
26 - Stewartby Way	8773	243	892	18	823	12
27 - B530 Hazelwood Lane	17061	322	1518	27	1537	15
28 - B530 Ampthill Road	16904	261	1451	22	1439	12
29 - Bedford Road	3676	69	305	3	333	6
30 - B530 Ampthill Road	18297	284	1534	23	1529	14
31 - Wootton	16670	1007	1426	72	1338	49
32 - Fields Road	15377	355	1474	26	1411	17
33 - Fields Road	15209	334	1455	24	1407	17
34 - Burgoyne Avenue	5541	258	668	19	545	15
35 - Woburn Road	18577	812	1274	53	1222	36
36 - Manor Road	9907	215	696	14	586	14
37 - Bedford Road	19532	556	1826	43	1750	30
38 - B530 Ampthill Road	18625	382	1766	31	1656	18
39 - Meadow Road	8613	171	928	15	728	6
40 - Meadow Road	557	26	92	2	59	1
41 - Loverose Way	3964	55	371	5	277	3
42 - Fisherwood Road	8267	516	552	38	582	22
43 - Hardwick Hill	16252	538	1529	43	1468	30
44 - A6 The Branston Way	29539	1093	2373	88	2364	41

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45 - A6 The Branston Way	26506	832	2043	78	2193	26
46 - Woburn Road	17415	575	1685	58	1788	24
47 - Woburn Road	2576	525	165	41	164	29
48 - A421 Bedford Southern Bypass	81653	6756	7131	550	7212	361
49 - The Causeway	13786	635	999	54	1129	35
50 - Wilstead Road	373	213	24	15	18	7
51 - A6 Wilstead Bypass	22006	689	1806	67	1966	27
52 - A6 Wilstead Bypass	27544	782	2311	73	2366	33
53 - A6 Wilstead Bypass	35244	1292	2964	122	3014	63
54 - A6 Wilstead Bypass	35406	1842	2798	166	3010	100
55 - Wilstead Road	2673	441	348	61	257	34
56 - Elstow Interchange	3436	393	212	35	223	14
57 - A5141	40379	1197	3180	91	3305	62
58 - B530 Ampthill Road	31102	787	2117	48	2338	51
59 - A5141	40075	1157	3118	87	3252	59
60 - A5141 Ampthill Road	35624	584	2766	48	2667	31
61 - A5141 Ampthill Road	28157	510	2131	42	1988	28
62 - A5134 West End	17255	246	1530	20	1498	13
63 - A421 Bedford Southern Bypass	75504	5900	6620	483	6616	306
64 - A600 Harrowden Road	20153	513	1835	47	1932	26
65 - A600	21685	818	1838	80	2146	41
66 - A600 The Highway	22009	593	1973	58	1958	24
67 - Wallis Way	3600	600	324	57	336	30

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68 - A603 Cardington Road	15644	834	1527	83	1367	52
69 - Bedford Road	2801	161	200	17	286	14
70 - Stannard Way	3817	411	597	35	541	31
71 - A603 Cambridge Road	20738	1090	1894	91	1712	64
72 - A421 Bedford Southern Bypass	47954	4577	4228	369	4170	233
73 - Water End	1940	197	218	13	126	9
74 - A4280 St. Neots Road	24905	1088	2226	103	2415	59
75 - Renhold Junction	17443	826	1611	78	1870	50
76 - St. Neots Road	8923	462	825	40	981	25
77 - A421 Great Barford Bypass	39269	4265	3228	344	3001	211
78 - Black Cat Services	731	709	51	51	41	41
79 - A1 Great North Road	57597	6671	4182	447	4603	267
80 - A1 Great North Road	28090	4410	1899	264	2088	166
81 - Bedford Road	4301	419	327	35	445	22
82 - A421	44454	4126	3827	365	3554	234