



UNIVERSAL DESTINATIONS & EXPERIENCES UK PROJECT

Former Kempston Hardwick Brickworks
and adjoining land, Bedford

Appendix 5.5 Traffic Flows for Sensitivity Testing Scenario 5b (Volume 3)

Report reference: 4.5.5.0

Revision number: 00

Date: June 2025



Scenario 5b Sensitivity Test Flows (No Rail Discount)

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	19228	2018	1709	171	1767	113
2 - Ridgmont Interchange	20104	1636	1680	129	2000	101
3 - A421	39562	4425	3208	350	3211	272
4 - A421	37404	3782	3025	293	2961	210
5 - M1	124181	21435	9474	1593	9788	1324
6 - M1	111714	20405	8580	1557	8593	1278
7 - A421 Salford Road	26922	2444	2491	221	2242	132
8 - Salford Road	5146	209	516	17	773	11
9 - A421	70741	6864	6008	592	5922	385
10 - Beancroft Road	6528	201	629	12	660	11
11 - Lower Shelton Road	959	152	95	10	63	11
12 - Beancroft Road	12764	774	1302	47	1280	40
13 - Beancroft Road	15775	726	1615	53	1504	34
14 - Marston Moretaine	6540	155	698	13	726	7
15 - Beancroft Road	8474	145	792	11	809	7
16 - Marston Moretaine	7459	500	820	35	743	23
17 - A421	73090	7032	6449	586	6197	396
18 - Bedford Road	9368	574	916	39	881	26
19 - Bedford Road	7045	605	685	40	599	29
20 - Green Lane	6241	405	888	24	540	20
21 - Stewartby Way	9328	321	1019	22	910	18

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22 - Broadmead Road	5191	70	493	3	507	3
23 - Broadmead Road	5824	76	562	4	569	4
24 - Broadmead Road	7805	92	728	6	710	6
25 - Stewartby Way	8635	261	887	20	838	17
26 - Stewartby Way	8772	244	883	17	820	14
27 - B530 Hazelwood Lane	17154	324	1516	29	1543	18
28 - B530 Ampthill Road	16823	253	1466	25	1437	12
29 - Bedford Road	3678	71	302	2	336	5
30 - B530 Ampthill Road	18214	279	1557	26	1516	15
31 - Wootton	17359	998	1407	73	1391	48
32 - Fields Road	15361	349	1477	25	1412	15
33 - Fields Road	15206	331	1460	24	1409	15
34 - Burgoyne Avenue	5533	255	673	20	545	13
35 - Woburn Road	19243	801	1313	51	1236	35
36 - Manor Road	10050	205	687	14	582	10
37 - Bedford Road	19581	541	1847	46	1756	29
38 - B530 Ampthill Road	18682	375	1789	35	1663	17
39 - Meadow Road	8638	172	963	19	739	6
40 - Meadow Road	586	26	96	1	59	1
41 - Loverose Way	3935	56	398	5	278	4
42 - Fisherwood Road	8224	524	591	40	578	24
43 - Hardwick Hill	16001	531	1506	44	1387	28
44 - A6 The Branston Way	29557	1102	2355	88	2348	39
45 - A6 The Branston Way	26523	831	2026	77	2207	24

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46 - Woburn Road	17400	576	1678	57	1805	22
47 - Woburn Road	2574	525	168	44	173	29
48 - A421 Bedford Southern Bypass	82396	6757	7157	556	7295	363
49 - The Causeway	13714	642	1014	57	1124	34
50 - Wilstead Road	374	217	26	17	19	8
51 - A6 Wilstead Bypass	22046	693	1803	65	1971	27
52 - A6 Wilstead Bypass	27575	781	2310	72	2375	30
53 - A6 Wilstead Bypass	35197	1294	2940	122	3005	59
54 - A6 Wilstead Bypass	35356	1844	2799	168	2995	94
55 - Wilstead Road	2666	442	344	60	265	37
56 - Elstow Interchange	3431	389	221	37	214	12
57 - A5141	40282	1192	3147	92	3317	62
58 - B530 Ampthill Road	30918	780	2088	49	2332	52
59 - A5141	39979	1158	3087	88	3256	60
60 - A5141 Ampthill Road	35596	584	2767	48	2667	28
61 - A5141 Ampthill Road	28124	505	2130	45	1983	25
62 - A5134 West End	17233	244	1527	20	1493	15
63 - A421 Bedford Southern Bypass	76005	5878	6663	479	6707	307
64 - A600 Harrowden Road	20132	513	1829	48	1939	26
65 - A600	21648	818	1838	79	2164	43
66 - A600 The Highway	21980	589	1967	56	1980	25
67 - Wallis Way	3598	603	318	56	337	30
68 - A603 Cardington Road	15640	834	1523	82	1366	51

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69 - Bedford Road	2800	160	201	17	287	13
70 - Stannard Way	3811	414	591	34	538	28
71 - A603 Cambridge Road	20994	1083	1939	89	1704	62
72 - A421 Bedford Southern Bypass	48232	4561	4244	367	4173	225
73 - Water End	1929	195	217	13	124	8
74 - A4280 St. Neots Road	24903	1092	2226	105	2419	59
75 - Renhold Junction	17434	820	1611	79	1867	49
76 - St. Neots Road	8925	460	830	39	981	25
77 - A421 Great Barford Bypass	39560	4251	3245	341	2996	206
78 - Black Cat Services	730	707	52	51	40	40
79 - A1 Great North Road	57898	6663	4198	445	4608	265
80 - A1 Great North Road	28076	4398	1899	263	2083	162
81 - Bedford Road	4298	418	326	35	446	22
82 - A421	45226	4328	3911	377	3572	242