

Oxfordshire Sample Sites QUADRO Results Summary												
Major												
Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	124	200	10	1295059	51403	718594	44830	500662	3880	549372	0	-107
2	112	200	10	200220	9574	107634	9486	77764	1343	88593	0	-244
3	120	200	10	55246	2539	29389	2529	21996	376	24900	0	-124
4	74	200	5	12384	405	7586	214	4149	265	4627	0	-25
5	47	200	5	6815	381	3329	582	2802	6	3390	0	-1
6	35	200	5	5229	311	2675	384	2041	14	2439	0	1
7	109	200	3	2590	148	1278	175	1072	9	1256	0	0
8	158	200	3	2629	129	1495	92	953	16	1061	0	0
9	28	200	1	597	36	315	36	226	5	267	0	0
10	155	200	1	477	25	271	15	173	2	190	0	0
11	55	200	1	178	11	89	9	73	0	83	0	0
12	40	200	1	80	5	46	2	27	1	31	0	0
13	143	100	10	1327234	76074	772729	147931	397111	2909	547951	0	-241
14	164	100	10	112671	6837	69129	10261	31121	371	41754	0	14
15	150	100	5	18242	947	12126	784	4752	86	5621	0	3
16	99	100	5	4029	214	2679	194	1032	19	1245	0	0
17	42	100	3	1501	110	992	74	360	11	445	0	0
18	81	100	3	1291	96	838	74	320	6	399	0	0
19	58	100	1	346	26	223	21	87	1	109	0	0
20	126	100	1	268	20	167	21	70	1	92	0	0
21	90	100	1	119	9	74	10	31	1	41	0	0
22	23	100	1	45	-2	34	1	10	0	12	0	0
23	1	50	10	135039	6867	72011	6649	52066	730	59444	386	3
24	101	50	5	3268	90	1801	84	1346	13	1442	0	-17
25	114	50	3	1053	52	621	27	367	4	398	0	0
26	147	50	1	235	12	135	7	85	1	93	0	0
27	94	50	1	64	4	36	2	22	0	25	0	0
28	68	30	10	23929	1274	13421	1033	8814	23	9870	0	-46
29	165	30	5	829	54	466	35	291	2	329	0	0
30	21	30	1	64	4	34	3	25	0	28	0	0
31	66	10	10	1138608	44009	580851	50899	486847	1700	539445	0	4
32	116	10	10	154897	8286	82810	7293	59583	576	67451	424	10
33	34	10	10	34933	1587	16667	2523	15353	93	17969	0	-29
34	61	10	10	24194	867	13875	693	9182	39	9913	0	-66
35	120	10	10	7686	281	4204	287	3090	49	3426	0	-56
36	105	10	5	1425	76	695	109	595	3	707	0	0
37	73	10	5	1349	50	789	41	466	33	540	0	0
38	44	10	5	1155	56	673	30	411	5	446	0	0
39	96	10	5	924	57	491	49	352	1	402	0	0
40	110	10	3	589	30	332	19	217	3	238	0	0
41	5	10	3	442	27	237	24	165	2	191	0	0
42	48	10	3	471	6	319	4	116	41	160	0	0
43	147	10	1	143	7	82	4	51	1	56	0	0
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Major												

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Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	124	200	1	129,506	5,140	71,859	4,483	50,066	388	54,937	-	11
2	112	200	1	20,022	957	10,763	949	7,776	134	8,859	-	24
3	120	200	1	5,525	254	2,939	253	2,200	38	2,490	-	12
4	74	200	1	2,477	81	1,517	43	830	53	925	-	5
5	47	200	3	4,089	228	1,998	349	1,681	3	2,034	-	0
6	35	200	3	3,137	186	1,605	230	1,224	9	1,463	-	0
7	109	200	5	4,316	246	2,129	291	1,787	15	2,094	-	1
8	158	200	5	4,382	216	2,492	154	1,589	26	1,769	-	-
9	28	200	5	2,984	178	1,574	182	1,129	23	1,334	-	-
10	155	200	10	4,770	253	2,712	146	1,735	19	1,899	-	-
11	55	200	10	1,780	110	893	91	734	1	827	-	-
12	40	200	10	801	47	463	24	274	10	309	-	-
13	143	100	1	132,723	7,607	77,273	14,793	39,711	291	54,795	-	24
14	164	100	1	11,267	684	6,913	1,026	3,112	37	4,175	-	1
15	150	100	1	3,648	189	2,425	157	950	17	1,124	-	1
16	99	100	1	806	43	536	39	206	4	249	-	-
17	42	100	3	1,501	110	992	74	360	11	445	-	-
18	81	100	3	1,291	96	838	74	320	6	399	-	-
19	58	100	5	1,729	129	1,114	106	433	7	546	-	-
20	126	100	5	1,340	98	836	107	349	6	462	-	-
21	90	100	10	1,186	87	739	101	306	6	413	-	-
22	23	100	10	450	16	341	10	104	1	116	-	-
23	1	50	1	13,504	687	7,201	665	5,207	73	5,944	39	0
24	101	50	1	654	18	360	17	269	3	288	-	3
25	114	50	3	1,053	52	621	27	367	4	398	-	-
26	147	50	5	1,176	59	675	35	423	6	464	-	-
27	94	50	10	641	44	363	23	221	3	247	-	-
28	68	30	1	2,393	127	1,342	103	881	2	987	-	5
29	165	30	5	829	54	466	35	291	2	329	-	-
30	21	30	10	644	41	339	29	251	-	280	-	-
31	66	10	1	113,861	4,401	58,085	5,090	48,685	170	53,945	-	0
32	116	10	1	15,490	829	8,281	729	5,958	58	6,745	42	1
33	34	10	1	3,493	159	1,667	252	1,535	9	1,797	-	3
34	61	10	1	2,419	87	1,388	69	918	4	991	-	7
35	120	10	1	769	28	420	29	309	5	343	-	6
36	105	10	1	285	15	139	22	119	1	141	-	-
37	73	10	3	809	30	474	24	280	20	324	-	-
38	44	10	3	693	33	404	18	246	3	267	-	-
39	96	10	3	555	34	294	30	211	0	241	-	-
40	110	10	5	982	50	554	32	361	4	397	-	-
41	5	10	5	736	45	395	40	275	4	319	-	-
42	48	10	5	784	10	531	6	193	68	267	-	-
43	147	10	5	714	36	410	21	257	4	281	-	-
Oxfordshire Sample Sites QUADRO Results Summary												
Major												

Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	88	10	1	120	7	69	3	42	1	46	0	0
45	119	10	1	77	5	41	3	29	0	32	0	0
46	12	10	1	46	3	23	2	19	0	21	0	0
47	17	10	1	23	0	13	0	9	0	10	0	0
48	83	10	1	18	1	10	1	6	0	7	0	0
Average			4.50	95,392	4,438	52,550	5,991	35,133	263	41,387	17	19
No. of Works				262	262	262	262	262	262	262	262	262
Cost of Congestion			£	24,987,275	1,162,420	13,765,073	1,569,188	9,202,809	68,970	10,840,968	4,420	5,022

Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	88	10	10	1,197	66	691	30	423	9	462	-	-
45	119	10	10	766	49	414	31	287	1	320	-	-
46	12	10	10	461	27	234	20	189	1	210	-	-
47	17	10	10	231	-	131	4	94	-	99	-	-
48	83	10	10	180	11	101	6	63	1	71	-	-
Average			5	10,522	498	5,811	647	3,858	32	4,538	2	2
No. of Works				262	262	262	262	262	262	262	262	262
Cost of Congestion			£	2,756,127	130,518	1,522,173	169,548	1,010,625	8,512	1,188,685	442	520

Oxfordshire Sample Sites QUADRO Results Summary												
Standard												
Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	130	200	3	261667	11627	117267	24892	119032	456	144380	0	-5
2	89	200	3	15323	782	7804	942	6236	55	7232	0	0
3	86	200	2	2949	51	1453	118	1379	2	1499	24	-24
4	57	200	2	2330	112	1255	105	912	2	1019	0	0
5	87	200	2	1380	88	783	58	477	12	547	0	0
6	21	200	0.5	202	13	106	9	79	0	88	0	0
7	163	200	0.5	63	4	35	2	23	0	25	0	0
8	145	100	3	7832	386	5335	225	2008	29	2261	0	-6
9	60	100	0.5	129	9	84	8	31	2	40	0	0
10	1	50	3	40512	2060	21603	1995	15620	219	17833	116	1
11	101	50	3	1961	51	1081	50	807	8	865	0	-10
12	114	50	2	702	35	414	18	244	3	265	0	0
13	147	50	0.5	118	6	68	4	42	1	46	0	0
14	94	50	0.5	32	2	18	1	11	0	12	0	0
15	134	10	3	521757	26528	267330	33906	209160	2349	245414	0	-60
16	124	10	3	301902	12032	162524	11148	121391	898	133438	0	-36
17	49	10	3	88239	4591	46960	3716	34585	615	38916	0	7
18	116	10	3	46469	2486	24843	2188	17875	173	20235	127	3
19	85	10	3	17735	672	10592	459	6024	370	6853	0	-3
20	164	10	3	10603	503	5048	772	4638	29	5439	0	1
21	71	10	3	10397	451	5617	600	4027	14	4641	-16	2
22	123	10	3	6676	264	3492	311	2783	34	3128	0	-33
23	157	10	3	5021	258	2859	177	1802	49	2028	0	-4
24	86	10	2	2596	47	1256	114	1231	2	1347	24	-24
25	89	10	2	1409	74	728	82	564	5	651	0	0
26	37	10	2	652	37	355	37	240	3	280	0	0
27	105	10	2	570	31	278	44	238	1	283	0	0
28	56	10	2	519	31	281	30	191	2	223	0	0
29	97	10	2	456	26	238	28	176	3	207	0	0
30	47	10	2	433	24	211	37	178	0	215	0	0
31	70	10	2	477	23	271	15	176	2	192	0	0
32	9	10	2	449	23	261	15	158	3	175	0	0
33	42	10	2	372	23	204	15	137	2	154	0	0
34	162	10	2	437	19	260	9	149	6	165	0	0
35	38	10	2	349	20	172	19	148	1	168	0	0
36	110	10	2	393	20	221	13	144	2	159	0	0
37	81	10	2	322	20	173	15	122	1	138	0	0
38	80	10	2	305	19	167	12	114	1	127	0	0
39	113	10	2	283	18	160	10	99	2	111	0	0
40	52	10	2	324	16	188	12	114	2	127	0	0
41	98	10	2	258	17	145	7	93	1	101	0	0
42	50	10	2	293	16	165	10	107	1	118	0	0
43	18	10	1	142	2	97	1	34	12	48	0	0
Oxfordshire Sample Sites QUADRO Results Summary												
Standard												

Oxfordshire Sample Sites QUADRO Results Summary												
Standard												
Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	130	200	0.5	43,611	1,938	19,545	4,149	19,839	76	24,063	-	- 1
2	89	200	0.5	2,554	130	1,301	157	1,039	9	1,205	-	-
3	86	200	2	2,949	51	1,453	118	1,379	2	1,499	24	- 24
4	57	200	2	2,330	112	1,255	105	912	2	1,019	-	-
5	87	200	2	1,380	88	783	58	477	12	547	-	-
6	21	200	3	1,214	78	639	54	473	1	529	-	-
7	163	200	3	377	22	208	12	140	1	153	-	-
8	145	100	0.5	1,305	64	889	37	335	5	377	-	- 1
9	60	100	3	774	55	505	48	184	10	242	-	-
10	1	50	0.5	6,752	343	3,601	332	2,603	37	2,972	19	0
11	101	50	0.5	327	9	180	8	135	1	144	-	- 2
12	114	50	2	702	35	414	18	244	3	265	-	-
13	147	50	3	706	35	405	21	254	4	278	-	-
14	94	50	3	192	13	109	7	66	1	74	-	-
15	134	10	0.5	86,960	4,421	44,555	5,651	34,860	391	40,902	-	- 10
16	124	10	0.5	50,317	2,005	27,087	1,858	20,232	150	22,240	-	- 6
17	49	10	0.5	14,706	765	7,827	619	5,764	103	6,486	-	1
18	116	10	0.5	7,745	414	4,141	365	2,979	29	3,373	21	1
19	85	10	0.5	2,956	112	1,765	76	1,004	62	1,142	-	- 0
20	164	10	0.5	1,767	84	841	129	773	5	906	-	0
21	71	10	0.5	1,733	75	936	100	671	2	774	-	3 0
22	123	10	0.5	1,113	44	582	52	464	6	521	-	- 6
23	157	10	0.5	837	43	476	30	300	8	338	-	- 1
24	86	10	0.5	649	12	314	29	308	1	337	6	- 6
25	89	10	0.5	352	18	182	20	141	1	163	-	-
26	37	10	0.5	163	9	89	9	60	1	70	-	-
27	105	10	0.5	143	8	70	11	60	0	71	-	-
28	56	10	1	259	15	141	15	95	1	111	-	-
29	97	10	2	456	26	238	28	176	3	207	-	-
30	47	10	2	433	24	211	37	178	0	215	-	-
31	70	10	2	477	23	271	15	176	2	192	-	-
32	9	10	2	449	23	261	15	158	3	175	-	-
33	42	10	2	372	23	204	15	137	2	154	-	-
34	162	10	2	437	19	260	9	149	6	165	-	-
35	38	10	2	349	20	172	19	148	1	168	-	-
36	110	10	2	393	20	221	13	144	2	159	-	-
37	81	10	2	322	20	173	15	122	1	138	-	-
38	80	10	2	305	19	167	12	114	1	127	-	-
39	113	10	2	283	18	160	10	99	2	111	-	-
40	52	10	2	324	16	188	12	114	2	127	-	-
41	98	10	2	258	17	145	7	93	1	101	-	-
42	50	10	2	293	16	165	10	107	1	118	-	-
43	18	10	2	284	3	193	2	69	25	96	-	-
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Standard												

Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	65	10	0.5	52	4	29	2	19	0	21	0	0
45	88	10	0.5	60	3	35	2	21	0	23	0	0
46	28	10	0.5	48	3	25	3	18	0	21	0	0
47	22	10	0.5	46	2	25	2	17	0	19	0	0
48	95	10	0.5	42	2	25	1	14	0	15	0	0
49	79	10	0.5	30	2	16	2	12	0	13	0	0
50	144	10	0.5	21	1	11	1	8	0	9	0	0
51	94	10	0.5	16	1	9	1	6	0	6	0	0
52	106	10	0.5	12	0	7	0	5	0	5	0	0
53	10	10	0.5	10	0	6	0	4	0	4	0	0
54	83	10	0.5	9	1	5	0	3	0	4	0	0
55	92	10	0.5	5	0	3	0	2	0	2	0	0
56	153	10	0.5	0	0	0	0	0	0	0	0	0
Average			1.75	60,863	2,853	31,078	3,706	24,881	240	28,826	11	7
No. of Works				304	304	304	304	304	304	304	304	304
Cost of Congestion			£	18,482,018	866,222	9,437,317	1,125,295	7,555,588	72,731	8,753,614	3,463	2,258

Sample	Ref	Length	2	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	65	10	2	208	14	115	7	75	-	83	-	-
45	88	10	2	239	13	138	6	85	2	92	-	-
46	28	10	2	191	11	101	12	72	1	85	-	-
47	22	10	2	184	9	101	6	70	1	77	-	-
48	95	10	3	250	14	148	6	86	-	91	-	-
49	79	10	3	180	9	95	10	70	0	81	-	-
50	144	10	3	126	8	67	5	49	-	54	-	-
51	94	10	3	96	6	54	3	33	0	37	-	-
52	106	10	3	69	-	39	2	28	-	30	-	-
53	10	10	3	63	-	38	-	24	0	24	-	-
54	83	10	3	54	3	30	2	19	0	21	-	-
55	92	10	3	28	2	15	1	10	0	11	-	-
56	153	10	3	-	-	-	-	-	-	-	-	-

Average			2	10,567	495	5,410	635	4,310	41	4,987	3	-	2
No. of Works				304	304	304	304	304	304	304	304		304
Cost of Congestion			£	3,208,806	150,394	1,642,841	192,897	1,308,909	12,560	1,514,366	850	-	656

Oxfordshire Sample Sites QUADRO Results Summary												
Minor with Excavation												
Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	154	100	0.75	4760	264	2977	278	1382	8	1668	-1	-1
2	35	100	0.75	341	24	209	30	92	1	123	0	0
3	79	100	0.75	121	7	77	8	33	0	41	0	0
4	7	50	0.75	56003	2544	31679	1506	21121	86	22712	0	-2
5	27	50	0.75	4065	206	2207	186	1555	22	1763	0	-3
6	86	50	0.75	998	18	485	44	471	1	515	9	-9
7	138	50	0.75	272	17	151	11	99	1	111	0	0
8	96	50	0.75	229	14	122	12	87	0	100	0	0
9	77	50	0.75	182	11	96	8	72	0	80	0	0
10	87	50	0.75	137	9	78	6	47	1	54	0	0
11	108	50	0.75	90	6	48	5	33	0	38	0	0
12	24	50	0.75	34	0	17	1	15	0	17	0	0
13	133	10	0.75	61868	2841	28816	5272	27310	213	32795	0	-29
14	102	10	0.75	60708	2005	27620	4805	28225	294	33324	0	3
15	7	10	0.75	35492	1638	20355	955	13079	54	14088	0	-3
16	49	10	0.75	22060	1148	11740	929	8646	154	9729	0	2
17	130	10	0.75	17378	797	7931	1704	7722	30	9455	0	-5
18	107	10	0.75	17059	778	8370	1186	7260	85	8531	0	-19
19	32	10	0.75	11961	606	6053	637	4978	32	5646	0	-3
20	116	10	0.75	11617	621	6211	547	4469	43	5059	32	1
21	1	10	0.75	10078	516	5370	500	3885	55	4439	28	0
22	154	10	0.75	5487	256	2885	273	2211	8	2493	-1	0
23	62	10	0.75	4269	118	1927	434	2021	0	2455	0	-35
24	85	10	0.75	4434	168	2648	115	1506	93	1713	0	-1
25	41	10	0.75	3299	143	1768	143	1308	20	1471	8	-9
26	75	10	0.75	3098	143	1552	219	1283	16	1517	0	-3
27	115	10	0.75	2763	144	1543	110	1029	8	1147	0	-5
28	164	10	0.75	2651	126	1262	193	1160	7	1360	0	0
29	34	10	0.75	2620	119	1250	189	1151	7	1348	0	-2
30	161	10	0.75	2607	94	1228	234	1163	11	1408	0	-11
31	27	10	0.75	2549	128	1373	118	987	14	1118	0	-2
32	71	10	0.75	2599	113	1404	150	1007	4	1160	-4	0
33	112	10	0.75	1922	77	1028	88	775	13	876	0	-9
34	68	10	0.75	1795	96	1007	77	661	2	740	0	-3
35	43	10	0.75	1985	83	1085	104	764	3	871	-3	0
36	123	10	0.75	1669	66	873	78	696	8	782	0	-8
37	118	10	0.75	1924	70	1149	48	660	40	747	0	-2
38	61	10	0.75	1815	65	1041	52	689	3	743	0	-5
39	139	10	0.75	1536	67	917	33	532	14	578	0	0
40	157	10	0.75	1255	65	715	44	450	12	507	0	-1
41	59	10	0.75	1053	49	530	67	437	5	510	0	-1
42	136	10	0.75	1187	33	687	24	448	17	489	0	-4
43	3	10	0.75	1166	46	639	31	466	5	502	0	-1
Oxfordshire Sample Sites QUADRO Results Summary												
Minor with Excavation												

Oxfordshire Sample Sites QUADRO Results Summary												
Minor with Excavation												
Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	154	100	0.75	4,760	264	2,977	278	1,382	8	1,668	1	1
2	35	100	0.75	341	24	209	30	92	1	123	-	-
3	79	100	0.75	121	7	77	8	33	0	41	-	-
4	7	50	0.75	56,003	2,544	31,679	1,506	21,121	86	22,712	-	2
5	27	50	0.75	4,065	206	2,207	186	1,555	22	1,763	-	3
6	86	50	0.75	998	18	485	44	471	1	515	9	9
7	138	50	0.75	272	17	151	11	99	1	111	-	-
8	96	50	0.75	229	14	122	12	87	0	100	-	-
9	77	50	0.75	182	11	96	8	72	0	80	-	-
10	87	50	0.75	137	9	78	6	47	1	54	-	-
11	108	50	0.75	90	6	48	5	33	0	38	-	-
12	24	50	0.75	34	0	17	1	15	0	17	-	-
13	133	10	0.75	61,868	2,841	28,816	5,272	27,310	213	32,795	-	29
14	102	10	0.75	60,708	2,005	27,620	4,805	28,225	294	33,324	-	3
15	7	10	0.75	35,492	1,638	20,355	955	13,079	54	14,088	-	3
16	49	10	0.75	22,060	1,148	11,740	929	8,646	154	9,729	-	2
17	130	10	0.75	17,378	797	7,931	1,704	7,722	30	9,455	-	5
18	107	10	0.75	17,059	778	8,370	1,186	7,260	85	8,531	-	19
19	32	10	0.75	11,961	606	6,053	637	4,978	32	5,646	-	3
20	116	10	0.75	11,617	621	6,211	547	4,469	43	5,059	32	1
21	1	10	0.75	10,078	516	5,370	500	3,885	55	4,439	28	0
22	154	10	0.75	5,487	256	2,885	273	2,211	8	2,493	1	0
23	62	10	0.75	4,269	118	1,927	434	2,021	-	2,455	-	35
24	85	10	0.75	4,434	168	2,648	115	1,506	93	1,713	-	1
25	41	10	0.75	3,299	143	1,768	143	1,308	20	1,471	8	9
26	75	10	0.75	3,098	143	1,552	219	1,283	16	1,517	-	3
27	115	10	0.75	2,763	144	1,543	110	1,029	8	1,147	-	5
28	164	10	0.75	2,651	126	1,262	193	1,160	7	1,360	-	0
29	34	10	0.75	2,620	119	1,250	189	1,151	7	1,348	-	2
30	161	10	0.75	2,607	94	1,228	234	1,163	11	1,408	-	11
31	27	10	0.75	2,549	128	1,373	118	987	14	1,118	-	2
32	71	10	0.75	2,599	113	1,404	150	1,007	4	1,160	4	0
33	112	10	0.75	1,922	77	1,028	88	775	13	876	-	9
34	68	10	0.75	1,795	96	1,007	77	661	2	740	-	3
35	43	10	0.75	1,985	83	1,085	104	764	3	871	3	0
36	123	10	0.75	1,669	66	873	78	696	8	782	-	8
37	118	10	0.75	1,924	70	1,149	48	660	40	747	-	2
38	61	10	0.75	1,815	65	1,041	52	689	3	743	-	5
39	139	10	0.75	1,536	67	917	33	532	14	578	-	-
40	157	10	0.75	1,255	65	715	44	450	12	507	-	1
41	59	10	0.75	1,053	49	530	67	437	5	510	-	1
42	136	10	0.75	1,187	33	687	24	448	17	489	-	4
43	3	10	0.75	1,166	46	639	31	466	5	502	-	1
Oxfordshire Sample Sites QUADRO Results Summary												
Minor with Excavation												

Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	86	10	0.75	974	17	471	43	461	1	505	9	-9
45	63	10	0.75	1069	24	676	14	325	53	393	0	0
46	150	10	0.75	1022	45	564	36	395	4	435	0	0
47	120	10	0.75	576	21	315	22	232	4	257	0	-4
48	89	10	0.75	528	28	273	31	212	2	244	0	0
49	145	10	0.75	596	23	355	13	213	2	228	0	-1
50	25	10	0.75	424	18	236	14	161	3	178	0	0
51	93	10	0.75	347	-1	166	17	179	1	197	0	-7
52	37	10	0.75	245	14	133	14	90	1	105	0	0
53	82	10	0.75	280	13	164	7	99	3	108	0	0
54	64	10	0.75	220	13	121	9	82	1	92	0	0
55	15	10	0.75	219	11	110	10	93	1	104	0	0
56	105	10	0.75	214	11	104	16	89	0	106	0	0
57	121	10	0.75	212	12	115	11	79	1	92	0	0
58	72	10	0.75	203	13	117	6	71	0	77	0	0
59	101	10	0.75	239	10	131	8	95	1	104	0	0
60	56	10	0.75	195	11	106	11	72	1	84	0	0
61	36	10	0.75	183	10	94	12	72	1	85	0	0
62	74	10	0.75	216	9	132	4	70	5	79	0	0
63	26	10	0.75	206	9	119	7	74	2	83	0	0
64	97	10	0.75	171	10	89	11	66	1	78	0	0
65	73	10	0.75	202	8	118	6	70	5	81	0	0
66	111	10	0.75	199	9	121	4	66	3	74	0	0
67	138	10	0.75	164	10	91	7	60	1	67	0	0
68	47	10	0.75	162	9	79	14	67	0	81	0	0
69	156	10	0.75	184	7	116	3	56	5	64	0	0
70	99	10	0.75	183	8	99	7	72	1	79	0	0
71	146	10	0.75	180	8	100	6	68	1	74	0	0
72	70	10	0.75	179	8	102	5	66	1	72	0	0
73	117	10	0.75	176	9	102	5	62	1	68	0	0
74	44	10	0.75	173	8	101	5	62	1	67	0	0
75	104	10	0.75	144	9	79	6	53	1	60	0	0
76	9	10	0.75	169	8	98	5	59	1	66	0	0
77	132	10	0.75	168	8	93	6	64	0	70	0	0
78	122	10	0.75	167	8	93	6	63	0	69	0	0
79	51	10	0.75	166	8	97	5	59	0	64	0	0
80	42	10	0.75	140	8	77	6	51	1	58	0	0
81	131	10	0.75	139	9	75	6	53	0	59	0	0
82	140	10	0.75	139	8	74	7	53	0	60	0	0
83	96	10	0.75	139	9	74	7	53	0	60	0	0
84	162	10	0.75	164	7	98	3	56	2	62	0	0
85	114	10	0.75	160	8	94	4	56	1	61	0	0
86	160	10	0.75	132	8	70	4	52	0	56	0	0
Oxfordshire Sample Sites QUADRO Results Summary												
Minor with Excavation												
Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
87	14	10	0.75	132	8	70	6	50	0	57	0	0

Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	86	10	0.75	974	17	471	43	461	1	505	9	9
45	63	10	0.75	1,069	24	676	14	325	53	393	-	0
46	150	10	0.75	1,022	45	564	36	395	4	435	-	0
47	120	10	0.75	576	21	315	22	232	4	257	-	4
48	89	10	0.75	528	28	273	31	212	2	244	-	-
49	145	10	0.75	596	23	355	13	213	2	228	-	1
50	25	10	0.75	424	18	236	14	161	3	178	-	-
51	93	10	0.75	347	1	166	17	179	1	197	-	7
52	37	10	0.75	245	14	133	14	90	1	105	-	-
53	82	10	0.75	280	13	164	7	99	3	108	-	-
54	64	10	0.75	220	13	121	9	82	1	92	-	-
55	15	10	0.75	219	11	110	10	93	1	104	-	-
56	105	10	0.75	214	11	104	16	89	0	106	-	-
57	121	10	0.75	212	12	115	11	79	1	92	-	-
58	72	10	0.75	203	13	117	6	71	0	77	-	-
59	101	10	0.75	239	10	131	8	95	1	104	-	0
60	56	10	0.75	195	11	106	11	72	1	84	-	-
61	36	10	0.75	183	10	94	12	72	1	85	-	-
62	74	10	0.75	216	9	132	4	70	5	79	-	-
63	26	10	0.75	206	9	119	7	74	2	83	-	-
64	97	10	0.75	171	10	89	11	66	1	78	-	-
65	73	10	0.75	202	8	118	6	70	5	81	-	-
66	111	10	0.75	199	9	121	4	66	3	74	-	-
67	138	10	0.75	164	10	91	7	60	1	67	-	-
68	47	10	0.75	162	9	79	14	67	0	81	-	-
69	156	10	0.75	184	7	116	3	56	5	64	-	-
70	99	10	0.75	183	8	99	7	72	1	79	-	-
71	146	10	0.75	180	8	100	6	68	1	74	-	-
72	70	10	0.75	179	8	102	5	66	1	72	-	-
73	117	10	0.75	176	9	102	5	62	1	68	-	-
74	44	10	0.75	173	8	101	5	62	1	67	-	-
75	104	10	0.75	144	9	79	6	53	1	60	-	-
76	9	10	0.75	169	8	98	5	59	1	66	-	-
77	132	10	0.75	168	8	93	6	64	0	70	-	-
78	122	10	0.75	167	8	93	6	63	0	69	-	-
79	51	10	0.75	166	8	97	5	59	0	64	-	-
80	42	10	0.75	140	8	77	6	51	1	58	-	-
81	131	10	0.75	139	9	75	6	53	0	59	-	-
82	140	10	0.75	139	8	74	7	53	0	60	-	-
83	96	10	0.75	139	9	74	7	53	0	60	-	-
84	162	10	0.75	164	7	98	3	56	2	62	-	-
85	114	10	0.75	160	8	94	4	56	1	61	-	-
86	160	10	0.75	132	8	70	4	52	0	56	-	-
Oxfordshire Sample Sites QUADRO Results Summary												
Minor with Excavation												
Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
87	14	10	0.75	132	8	70	6	50	0	57	-	-

88	38	10	0.75	131	7	64	7	56	0	63	0	0
89	129	10	0.75	154	7	87	4	56	3	63	0	0
90	35	10	0.75	126	7	65	9	49	0	59	0	0
91	165	10	0.75	124	8	70	5	44	0	49	0	0
92	110	10	0.75	147	8	83	5	54	1	60	0	0
93	45	10	0.75	123	8	71	4	42	1	47	0	0
94	57	10	0.75	144	7	77	6	56	0	63	0	0
95	152	10	0.75	121	8	66	6	45	0	51	0	0
96	81	10	0.75	121	7	65	6	46	0	52	0	0
97	78	10	0.75	139	7	83	3	47	2	52	0	0
98	76	10	0.75	117	7	62	6	44	1	52	0	0
99	54	10	0.75	136	6	81	3	46	2	51	0	0
100	80	10	0.75	115	7	62	5	43	1	48	0	0
101	5	10	0.75	110	7	59	6	41	1	48	0	0
102	77	10	0.75	110	7	58	5	44	0	49	0	0
103	19	10	0.75	128	7	72	5	47	0	52	0	0
104	113	10	0.75	106	7	60	4	37	1	42	0	0
105	6	10	0.75	104	6	55	6	40	0	46	0	0
106	109	10	0.75	104	6	51	7	43	0	50	0	0
107	69	10	0.75	103	6	55	5	39	0	44	0	0
108	52	10	0.75	121	6	70	4	43	1	48	0	0
109	103	10	0.75	100	6	55	5	37	1	42	0	0
110	48	10	0.75	118	2	80	1	29	10	40	0	0
111	53	10	0.75	116	6	72	2	37	2	41	0	0
112	98	10	0.75	97	6	55	3	35	0	38	0	0
113	58	10	0.75	97	6	52	5	37	0	42	0	0
114	149	10	0.75	114	6	65	3	41	0	44	0	0
115	29	10	0.75	111	5	66	2	37	2	41	0	0
116	50	10	0.75	110	6	62	4	40	0	44	0	0
117	158	10	0.75	108	5	62	4	39	1	44	0	0
118	128	10	0.75	91	6	48	5	34	0	40	0	0
119	147	10	0.75	107	5	61	3	39	1	42	0	0
120	18	10	0.75	106	1	73	1	26	9	36	0	0
121	87	10	0.75	83	5	47	3	29	1	33	0	0
122	20	10	0.75	81	5	42	5	32	0	36	0	0
123	4	10	0.75	79	5	41	5	31	0	36	0	0
124	65	10	0.75	78	5	43	3	28	0	31	0	0
125	91	10	0.75	77	5	41	4	29	0	34	0	0
126	151	10	0.75	77	5	42	4	28	0	32	0	0
127	141	10	0.75	76	5	40	4	29	0	33	0	0
128	88	10	0.75	90	5	52	2	32	1	35	0	0
129	126	10	0.75	75	5	39	5	29	0	35	0	0

Oxfordshire Sample Sites QUADRO Results Summary

Minor with Excavation

Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
130	39	10	0.75	89	4	50	3	33	1	37	0	0
131	60	10	0.75	73	4	39	4	28	1	32	0	0
132	28	10	0.75	71	4	38	4	27	1	32	0	0
133	31	10	0.75	67	4	33	4	29	0	33	0	0
134	67	10	0.75	67	4	36	3	25	0	29	0	0
135	11	10	0.75	60	4	31	3	23	0	26	0	0
136	22	10	0.75	69	3	38	2	26	0	29	0	0

88	38	10	0.75	131	7	64	7	56	0	63	-	-
89	129	10	0.75	154	7	87	4	56	3	63	-	-
90	35	10	0.75	126	7	65	9	49	0	59	-	-
91	165	10	0.75	124	8	70	5	44	0	49	-	-
92	110	10	0.75	147	8	83	5	54	1	60	-	-
93	45	10	0.75	123	8	71	4	42	1	47	-	-
94	57	10	0.75	144	7	77	6	56	0	63	-	-
95	152	10	0.75	121	8	66	6	45	0	51	-	-
96	81	10	0.75	121	7	65	6	46	0	52	-	-
97	78	10	0.75	139	7	83	3	47	2	52	-	-
98	76	10	0.75	117	7	62	6	44	1	52	-	-
99	54	10	0.75	136	6	81	3	46	2	51	-	-
100	80	10	0.75	115	7	62	5	43	1	48	-	-
101	5	10	0.75	110	7	59	6	41	1	48	-	-
102	77	10	0.75	110	7	58	5	44	0	49	-	-
103	19	10	0.75	128	7	72	5	47	0	52	-	-
104	113	10	0.75	106	7	60	4	37	1	42	-	-
105	6	10	0.75	104	6	55	6	40	0	46	-	-
106	109	10	0.75	104	6	51	7	43	0	50	-	-
107	69	10	0.75	103	6	55	5	39	0	44	-	-
108	52	10	0.75	121	6	70	4	43	1	48	-	-
109	103	10	0.75	100	6	55	5	37	1	42	-	-
110	48	10	0.75	118	2	80	1	29	10	40	-	-
111	53	10	0.75	116	6	72	2	37	2	41	-	-
112	98	10	0.75	97	6	55	3	35	0	38	-	-
113	58	10	0.75	97	6	52	5	37	0	42	-	-
114	149	10	0.75	114	6	65	3	41	0	44	-	-
115	29	10	0.75	111	5	66	2	37	2	41	-	-
116	50	10	0.75	110	6	62	4	40	0	44	-	-
117	158	10	0.75	108	5	62	4	39	1	44	-	-
118	128	10	0.75	91	6	48	5	34	0	40	-	-
119	147	10	0.75	107	5	61	3	39	1	42	-	-
120	18	10	0.75	106	1	73	1	26	9	36	-	-
121	87	10	0.75	83	5	47	3	29	1	33	-	-
122	20	10	0.75	81	5	42	5	32	0	36	-	-
123	4	10	0.75	79	5	41	5	31	0	36	-	-
124	65	10	0.75	78	5	43	3	28	-	31	-	-
125	91	10	0.75	77	5	41	4	29	0	34	-	-
126	151	10	0.75	77	5	42	4	28	0	32	-	-
127	141	10	0.75	76	5	40	4	29	0	33	-	-
128	88	10	0.75	90	5	52	2	32	1	35	-	-
129	126	10	0.75	75	5	39	5	29	0	35	-	-

Oxfordshire Sample Sites QUADRO Results Summary

Minor with Excavation

Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
130	39	10	0.75	89	4	50	3	33	1	37	-	-
131	60	10	0.75	73	4	39	4	28	1	32	-	-
132	28	10	0.75	71	4	38	4	27	1	32	-	-
133	31	10	0.75	67	4	33	4	29	0	33	-	-
134	67	10	0.75	67	4	36	3	25	0	29	-	-
135	11	10	0.75	60	4	31	3	23	0	26	-	-
136	22	10	0.75	69	3	38	2	26	0	29	-	-

137	119	10	0.75	57	4	31	2	22	0	24	0	0
138	108	10	0.75	54	3	29	3	20	0	23	0	0
139	148	10	0.75	54	3	28	3	21	0	24	0	0
140	95	10	0.75	62	4	37	1	21	0	23	0	0
141	155	10	0.75	59	3	33	2	21	0	23	0	0
142	21	10	0.75	48	3	25	2	19	0	21	0	0
143	33	10	0.75	47	3	24	3	18	0	21	0	0
144	79	10	0.75	45	2	24	3	17	0	20	0	0
145	90	10	0.75	36	2	17	2	15	0	18	0	0
146	12	10	0.75	35	2	18	2	14	0	16	0	0
147	46	10	0.75	38	2	22	1	14	1	15	0	0
148	144	10	0.75	32	2	17	1	12	0	13	0	0
149	2	10	0.75	32	2	17	1	12	0	13	0	0
150	16	10	0.75	29	2	14	2	13	0	15	0	0
151	163	10	0.75	25	2	14	1	9	0	10	0	0
152	94	10	0.75	24	2	14	1	8	0	9	0	0
153	55	10	0.75	21	1	11	1	9	0	10	0	0
154	137	10	0.75	18	0	10	0	8	0	8	0	0
155	17	10	0.75	17	0	10	0	7	0	7	0	0
156	106	10	0.75	17	0	10	1	7	0	8	0	0
157	24	10	0.75	17	0	9	1	8	0	8	0	0
158	100	10	0.75	16	0	10	0	6	0	7	0	0
159	127	10	0.75	16	0	9	0	7	0	7	0	0
160	10	10	0.75	16	0	9	0	6	0	6	0	0
161	23	10	0.75	14	0	8	0	6	0	7	0	0
162	30	10	0.75	13	0	8	0	5	0	5	0	0
163	135	10	0.75	11	1	6	0	4	0	4	0	0

Average	0.75	2,375	105	1,222	136	974	10	1,119	0	-	1
No. of Works		882	882	882	882	882	882	882	882		882
Cost of Congestion		2,094,704	92,887	1,077,256	119,802	858,970	8,393	987,165	419	-	1,028

137	119	10	0.75	57	4	31	2	22	0	24	-	-
138	108	10	0.75	54	3	29	3	20	0	23	-	-
139	148	10	0.75	54	3	28	3	21	-	24	-	-
140	95	10	0.75	62	4	37	1	21	-	23	-	-
141	155	10	0.75	59	3	33	2	21	0	23	-	-
142	21	10	0.75	48	3	25	2	19	-	21	-	-
143	33	10	0.75	47	3	24	3	18	0	21	-	-
144	79	10	0.75	45	2	24	3	17	0	20	-	-
145	90	10	0.75	36	2	17	2	15	0	18	-	-
146	12	10	0.75	35	2	18	2	14	0	16	-	-
147	46	10	0.75	38	2	22	1	14	1	15	-	-
148	144	10	0.75	32	2	17	1	12	-	13	-	-
149	2	10	0.75	32	2	17	1	12	-	13	-	-
150	16	10	0.75	29	2	14	2	13	-	15	-	-
151	163	10	0.75	25	2	14	1	9	0	10	-	-
152	94	10	0.75	24	2	14	1	8	0	9	-	-
153	55	10	0.75	21	1	11	1	9	-	10	-	-
154	137	10	0.75	18	-	10	0	8	0	8	-	-
155	17	10	0.75	17	-	10	0	7	-	7	-	-
156	106	10	0.75	17	-	10	1	7	-	8	-	-
157	24	10	0.75	17	-	9	1	8	0	8	-	-
158	100	10	0.75	16	-	10	0	6	-	7	-	-
159	127	10	0.75	16	-	9	0	7	-	7	-	-
160	10	10	0.75	16	-	9	-	6	0	6	-	-
161	23	10	0.75	14	-	8	0	6	-	7	-	-
162	30	10	0.75	13	-	8	-	5	-	5	-	-
163	135	10	0.75	11	1	6	0	4	-	4	-	-

Average	1	2,375	105	1,222	136	974	10	1,119	0	-	1
No. of Works		882	882	882	882	882	882	882	882	882	882
Cost of Congestion	£	2,094,704	92,887	1,077,256	119,802	858,970	8,393	987,165	419	-	1,028

Oxfordshire Sample Sites QUADRO Results Summary												
Urgent												
Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	142	10	3	612793	33970	336683	28228	227349	2283	257859	0	71
2	143	10	3	374267	17353	171088	35344	166545	663	202552	0	-96
3	159	10	3	315028	14932	149146	22398	138820	1108	162326	0	-91
4	124	10	3	251585	10026	135437	9290	101160	749	111198	0	-30
5	133	10	3	206226	9470	96052	17572	91034	711	109316	0	-96
6	7	10	3	118306	5460	67849	3183	43598	180	46961	0	-9
7	49	10	3	73532	3826	39133	3097	28821	513	32430	0	6
8	107	10	3	56865	2593	27899	3955	24199	284	28437	0	-63
9	32	10	3	39870	2020	20176	2122	16593	105	18820	0	-9
10	1	10	3	33592	1721	17899	1665	12949	183	14796	95	1
11	154	10	3	18291	853	9616	911	7371	28	8310	-3	-1
12	1	10	3	33592	1721	17899	1665	12949	183	14796	95	1
13	85	10	3	14779	560	8826	382	5020	309	5711	0	-2
14	41	10	3	10998	477	5892	476	4360	67	4903	26	-30
15	115	10	3	9211	480	5145	366	3430	25	3822	0	-16
16	164	10	3	8836	419	4207	643	3865	24	4532	0	1
17	161	10	3	8689	313	4093	781	3875	36	4693	0	-36
18	27	10	3	8498	428	4576	392	3290	46	3728	0	-7
19	112	10	3	6408	258	3428	294	2583	43	2920	0	-30
20	68	10	3	5982	319	3355	258	2204	6	2468	0	-11
21	123	10	3	5564	220	2910	259	2319	28	2606	0	-28
22	118	10	3	6414	232	3831	159	2200	132	2491	0	-6
23	139	10	3	5120	222	3056	110	1772	46	1928	0	0
24	157	10	3	4184	215	2382	148	1501	41	1690	0	-3
25	136	10	3	3956	110	2289	80	1492	58	1630	0	-12
26	3	10	3	3887	154	2129	103	1554	18	1674	0	-3
27	86	10	3	3245	58	1570	143	1538	3	1684	30	-30
28	63	10	3	3562	80	2253	48	1085	177	1309	0	0
29	120	10	3	1921	70	1051	72	773	12	856	0	-14
30	89	10	3	1761	92	910	102	705	6	814	0	0
31	25	10	3	1413	61	786	47	538	9	594	0	0
32	93	10	3	1157	-5	553	55	597	3	655	0	-23
33	82	10	3	933	42	546	23	329	10	362	0	0
34	64	10	3	735	44	403	29	274	3	306	0	0
35	105	10	3	713	38	348	55	298	1	354	0	0
36	121	10	3	708	41	383	36	265	4	305	0	0
37	101	10	3	797	32	435	25	317	4	346	0	-1
38	56	10	3	649	38	352	37	239	3	279	0	0
39	74	10	3	720	29	440	14	234	16	264	0	0
40	26	10	3	687	29	395	25	245	8	278	0	0
41	73	10	3	674	25	395	20	233	16	270	0	0
42	111	10	3	665	29	402	14	221	11	245	0	0
43	47	10	3	541	30	264	46	223	0	269	0	0
Oxfordshire Sample Sites QUADRO Results Summary												
Urgent												

Oxfordshire Sample Sites QUADRO Results Summary												
Urgent												
Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
1	142	10	2.5	612,793	33,970	336,683	28,228	227,349	2,283	257,859	-	71
2	143	10	2.5	374,267	17,353	171,088	35,344	166,545	663	202,552	-	96
3	159	10	2.5	315,028	14,932	149,146	22,398	138,820	1,108	162,326	-	91
4	124	10	2.5	251,585	10,026	135,437	9,290	101,160	749	111,198	-	30
5	133	10	2.5	206,226	9,470	96,052	17,572	91,034	711	109,316	-	96
6	7	10	2.5	118,306	5,460	67,849	3,183	43,598	180	46,961	-	9
7	49	10	2.5	73,532	3,826	39,133	3,097	28,821	513	32,430	-	6
8	107	10	2.5	56,865	2,593	27,899	3,955	24,199	284	28,437	-	63
9	32	10	2.5	39,870	2,020	20,176	2,122	16,593	105	18,820	-	9
10	1	10	2.5	33,592	1,721	17,899	1,665	12,949	183	14,796	95	1
11	154	10	2.5	18,291	853	9,616	911	7,371	28	8,310	-	3
12	1	10	2.5	33,592	1,721	17,899	1,665	12,949	183	14,796	95	1
13	85	10	2.5	14,779	560	8,826	382	5,020	309	5,711	-	2
14	41	10	2.5	10,998	477	5,892	476	4,360	67	4,903	26	30
15	115	10	2.5	9,211	480	5,145	366	3,430	25	3,822	-	16
16	164	10	2.5	8,836	419	4,207	643	3,865	24	4,532	-	1
17	161	10	2.5	8,689	313	4,093	781	3,875	36	4,693	-	36
18	27	10	2.5	8,498	428	4,576	392	3,290	46	3,728	-	7
19	112	10	2.5	6,408	258	3,428	294	2,583	43	2,920	-	30
20	68	10	2.5	5,982	319	3,355	258	2,204	6	2,468	-	11
21	123	10	2.5	5,564	220	2,910	259	2,319	28	2,606	-	28
22	118	10	2.5	6,414	232	3,831	159	2,200	132	2,491	-	6
23	139	10	2.5	5,120	222	3,056	110	1,772	46	1,928	-	-
24	157	10	2.5	4,184	215	2,382	148	1,501	41	1,690	-	3
25	136	10	2.5	3,956	110	2,289	80	1,492	58	1,630	-	12
26	3	10	2.5	3,887	154	2,129	103	1,554	18	1,674	-	3
27	86	10	2.5	3,245	58	1,570	143	1,538	3	1,684	30	30
28	63	10	2.5	3,562	80	2,253	48	1,085	177	1,309	-	0
29	120	10	2.5	1,921	70	1,051	72	773	12	856	-	14
30	89	10	2.5	1,761	92	910	102	705	6	814	-	-
31	25	10	2.5	1,413	61	786	47	538	9	594	-	-
32	93	10	2.5	1,157	5	553	55	597	3	655	-	23
33	82	10	2.5	933	42	546	23	329	10	362	-	-
34	64	10	2.5	735	44	403	29	274	3	306	-	-
35	105	10	2.5	713	38	348	55	298	1	354	-	-
36	121	10	2.5	708	41	383	36	265	4	305	-	-
37	101	10	2.5	797	32	435	25	317	4	346	-	1
38	56	10	2.5	649	38	352	37	239	3	279	-	-
39	74	10	2.5	720	29	440	14	234	16	264	-	-
40	26	10	2.5	687	29	395	25	245	8	278	-	-
41	73	10	2.5	674	25	395	20	233	16	270	-	-
42	111	10	2.5	665	29	402	14	221	11	245	-	-
43	47	10	2.5	541	30	264	46	223	0	269	-	-
Oxfordshire Sample Sites QUADRO Results Summary												
Urgent												

Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	156	10	3	614	24	387	10	187	18	214	0	0
45	146	10	3	599	28	335	19	226	2	247	0	0
46	70	10	3	596	28	339	18	220	2	240	0	0
47	44	10	3	577	28	336	15	205	3	223	0	0
48	104	10	3	480	30	264	20	176	2	199	0	0
49	132	10	3	559	26	309	21	213	1	235	0	0
50	122	10	3	557	27	311	21	209	1	231	0	0
51	42	10	3	465	28	255	19	171	3	193	0	0
52	135	10	3	38	2	21	1	14	0	15	0	0
53	96	10	3	462	29	245	25	176	0	201	0	0
54	162	10	3	546	24	325	11	187	8	206	0	0
55	160	10	3	440	26	235	14	173	1	188	0	0
56	14	10	3	439	26	235	21	166	1	189	0	0
57	129	10	3	513	23	291	13	188	9	210	0	0
58	35	10	3	420	25	215	31	164	1	196	0	0
59	110	10	3	491	25	277	16	180	2	199	0	0
60	45	10	3	411	26	237	13	141	4	158	0	0
61	152	10	3	404	25	219	19	150	1	170	0	0
62	81	10	3	402	25	216	19	152	1	173	0	0
63	76	10	3	389	23	206	21	148	2	172	0	0
64	54	10	3	455	21	271	10	153	7	170	0	0
65	5	10	3	368	23	198	20	138	2	159	0	0
66	77	10	3	368	23	193	15	146	1	162	0	0
67	113	10	3	353	23	200	12	124	2	139	0	0
68	6	10	3	348	21	184	19	133	1	152	0	0
69	109	10	3	346	20	171	23	144	1	168	0	0
70	69	10	3	343	21	183	16	131	1	148	0	0
71	103	10	3	334	21	182	16	123	2	141	0	0
72	48	10	3	392	5	266	3	96	34	134	0	0
73	98	10	3	323	21	182	9	116	1	126	0	0
74	58	10	3	322	20	172	16	122	1	139	0	0
75	29	10	3	369	18	220	8	124	6	138	0	0
76	50	10	3	366	20	207	13	134	1	147	0	0
77	128	10	3	304	19	161	18	114	1	133	0	0
78	147	10	3	357	18	205	10	129	2	141	0	0
79	18	10	3	355	4	242	3	86	31	120	0	0
80	87	10	3	276	17	157	11	95	3	109	0	0
81	4	10	3	264	16	137	16	103	1	120	0	0
82	65	10	3	260	18	144	9	94	0	103	0	0
83	151	10	3	256	16	140	14	93	1	108	0	0
84	141	10	3	253	15	135	12	97	1	110	0	0
85	126	10	3	250	15	129	16	98	1	115	0	0
86	39	10	3	296	14	166	10	110	3	122	0	0
Oxfordshire Sample Sites QUADRO Results Summary												
Urgent												
Sample	Ref	Length	Duration High	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
87	28	10	3	238	14	126	15	90	2	106	0	0

Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
44	156	10	2.5	614	24	387	10	187	18	214	-	-
45	146	10	2.5	599	28	335	19	226	2	247	-	-
46	70	10	2.5	596	28	339	18	220	2	240	-	-
47	44	10	2.5	577	28	336	15	205	3	223	-	-
48	104	10	2.5	480	30	264	20	176	2	199	-	-
49	132	10	2.5	559	26	309	21	213	1	235	-	-
50	122	10	2.5	557	27	311	21	209	1	231	-	-
51	42	10	2.5	465	28	255	19	171	3	193	-	-
52	135	10	2.5	38	2	21	1	14	-	15	-	-
53	96	10	2.5	462	29	245	25	176	0	201	-	-
54	162	10	2.5	546	24	325	11	187	8	206	-	-
55	160	10	2.5	440	26	235	14	173	1	188	-	-
56	14	10	2.5	439	26	235	21	166	1	189	-	-
57	129	10	2.5	513	23	291	13	188	9	210	-	-
58	35	10	2.5	420	25	215	31	164	1	196	-	-
59	110	10	2.5	491	25	277	16	180	2	199	-	-
60	45	10	2.5	411	26	237	13	141	4	158	-	-
61	152	10	2.5	404	25	219	19	150	1	170	-	-
62	81	10	2.5	402	25	216	19	152	1	173	-	-
63	76	10	2.5	389	23	206	21	148	2	172	-	-
64	54	10	2.5	455	21	271	10	153	7	170	-	-
65	5	10	2.5	368	23	198	20	138	2	159	-	-
66	77	10	2.5	368	23	193	15	146	1	162	-	-
67	113	10	2.5	353	23	200	12	124	2	139	-	-
68	6	10	2.5	348	21	184	19	133	1	152	-	-
69	109	10	2.5	346	20	171	23	144	1	168	-	-
70	69	10	2.5	343	21	183	16	131	1	148	-	-
71	103	10	2.5	334	21	182	16	123	2	141	-	-
72	48	10	2.5	392	5	266	3	96	34	134	-	-
73	98	10	2.5	323	21	182	9	116	1	126	-	-
74	58	10	2.5	322	20	172	16	122	1	139	-	-
75	29	10	2.5	369	18	220	8	124	6	138	-	-
76	50	10	2.5	366	20	207	13	134	1	147	-	-
77	128	10	2.5	304	19	161	18	114	1	133	-	-
78	147	10	2.5	357	18	205	10	129	2	141	-	-
79	18	10	2.5	355	4	242	3	86	31	120	-	-
80	87	10	2.5	276	17	157	11	95	3	109	-	-
81	4	10	2.5	264	16	137	16	103	1	120	-	-
82	65	10	2.5	260	18	144	9	94	-	103	-	-
83	151	10	2.5	256	16	140	14	93	1	108	-	-
84	141	10	2.5	253	15	135	12	97	1	110	-	-
85	126	10	2.5	250	15	129	16	98	1	115	-	-
86	39	10	2.5	296	14	166	10	110	3	122	-	-
Oxfordshire Sample Sites QUADRO Results Summary												
Urgent												
Sample	Ref	Length	Duration Low	Total Impact	Consumer Vehicle Operating Cost Total	Consumer Travel Time Total	Business Vehicle Operating Cost Total	Business Travel Time Total	PSP Bus & Coach Operating Cost	Total Business	Accident Cost	Carbon
87	28	10	2.5	238	14	126	15	90	2	106	-	-

88	31	10	3	225	13	110	14	95	0	109	0	0
89	11	10	3	199	13	105	10	77	0	87	0	0
90	22	10	3	230	11	127	8	87	1	96	0	0
91	108	10	3	180	11	97	9	67	0	77	0	0
92	148	10	3	179	11	93	10	70	0	80	0	0
93	155	10	3	196	10	111	6	71	1	78	0	0
94	21	10	3	161	10	85	7	63	0	70	0	0
95	79	10	3	150	8	79	9	58	0	67	0	0
96	90	10	3	119	7	57	8	51	0	59	0	0
97	46	10	3	128	6	72	4	46	2	52	0	0
98	144	10	3	105	7	56	4	41	0	45	0	0
99	16	10	3	98	6	46	8	42	0	50	0	0
100	163	10	3	84	6	46	3	30	0	34	0	0
101	55	10	3	71	4	35	4	29	0	33	0	0
102	137	10	3	61	0	35	1	25	1	27	0	0
Average			2.50	26,753	1,294	13,715	1,592	10,882	98	12,572	3	7
No. of Works				552	552	552	552	552	552	552	552	552
Cost of Congestion			£	14,780,416	714,799	7,577,442	879,474	6,012,218	54,040	6,945,732	1,574	3,682

88	31	10	2.5	225	13	110	14	95	0	109	-	-
89	11	10	2.5	199	13	105	10	77	0	87	-	-
90	22	10	2.5	230	11	127	8	87	1	96	-	-
91	108	10	2.5	180	11	97	9	67	0	77	-	-
92	148	10	2.5	179	11	93	10	70	-	80	-	-
93	155	10	2.5	196	10	111	6	71	1	78	-	-
94	21	10	2.5	161	10	85	7	63	-	70	-	-
95	79	10	2.5	150	8	79	9	58	0	67	-	-
96	90	10	2.5	119	7	57	8	51	0	59	-	-
97	46	10	2.5	128	6	72	4	46	2	52	-	-
98	144	10	2.5	105	7	56	4	41	-	45	-	-
99	16	10	2.5	98	6	46	8	42	-	50	-	-
100	163	10	2.5	84	6	46	3	30	0	34	-	-
101	55	10	2.5	71	4	35	4	29	-	33	-	-
102	137	10	2.5	61	-	35	1	25	1	27	-	-
Average		3		26,753	1,294	13,715	1,592	10,882	98	12,572	3	7
No. of Works				552	552	552	552	552	552	552	552	552
Cost of Congestion		£		14,780,416	714,799	7,577,442	879,474	6,012,218	54,040	6,945,732	1,574	3,682