



The Sizewell C Project

6.14 Environmental Statement Addendum
Volume 3: Environmental Statement Addendum Appendices
Chapter 2 Main Development Site
Appendices 2.5.A-E Transport

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APPENDIX 2.5.A DCO UPDATED TRAFFIC LINK SCREENING

APPENDIX 2.5.A DCO UPDATED TRAFFIC LINK SCREENING

Table 1.1 – 2023 Screening of links (refined DCO flows)

Scoped in	Link number	Link name	2023 reference case (total traffic)	2023 reference case + Sizewell	% change	2023 Reference case HDVs	2023 reference case + Sizewell	% change	sensitivity
Yes	1	Sizewell Gap	7034	7748	10%	99	639	547%	Low
No	2	King George's Avenue	6163	6861	11%	92	92	0%	Medium
Yes	3	Lovers Lane (LEEIE)	3246	4746	46%	85	905	965%	Very Low
No	4a	B1122 (S)	3561	4022	13%	217	217	0%	Medium
Yes	4b	Lovers Lane	3294	4567	39%	87	687	689%	Very Low
Yes	4c	B1122 (N)	6047	7681	27%	212	812	284%	Medium
No	5	B1122 Abbey Road (existing level crossing)	4736	5198	10%	140	140	0%	Medium
Yes	6	B1119 Saxmundham Road	4824	5287	10%	62	62	0%	High
No	7	B1069 Coldfair Green	6565	7010	7%	194	194	0%	Medium
No	8	B1122 Aldeburgh	3845	3945	3%	94	94	0%	Medium
No	9a	A1094 (W)	8576	8979	5%	185	183	-1%	Low
No	9b	Snape Road	5465	5600	2%	178	178	0%	High
No	9c	A1094 (E)	9974	10420	4%	231	229	-1%	Medium
Yes	10	B1122 through Theberton	6037	7671	27%	216	816	278%	Medium
No	10A	Theberton Bypass	0	0	0%	0	0	0%	Medium
Yes	11	B1125 through Westleton	2724	3262	20%	81	81	0%	High
No	12a	B1121 (N)	5501	5851	6%	49	49	0%	Medium
No	12b	B1119 (E)	5021	5486	9%	70	70	0%	High
Yes	12c	B1121 (S)	5465	6049	11%	177	177	0%	Medium

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2023 reference case (total traffic)	2023 reference case + Sizewell	% change	2023 Reference case HDVs	2023 reference + Sizewell	% change	sensitivity
No	13a	A12 (N)	15309	15986	4%	895	1079	21%	Low
Yes	13b	B1122	4150	5261	27%	177	801	352%	Low
Yes	13c	A12 (middle)	15675	17042	9%	850	1465	72%	Low
Yes	13d	A1120	4109	4580	11%	184	184	0%	High
Yes	13e	A12 (S)	12137	13238	9%	721	1337	85%	Medium
No	14	A12 north of Darsham park and ride	15027	15569	4%	837	986	18%	Medium
No	15	A144 Halesworth	7752	7879	2%	244	242	-1%	High
No	16	A12 Wrentham	9625	10272	7%	436	538	23%	High
No	17a	A12 (N)	10928	11787	8%	661	813	23%	Medium
Yes	17b	B1125	1841	2327	26%	55	55	0%	High
No	17c	A12 (S)	9080	9457	4%	617	769	25%	Very Low
No	18	A145 Beccles	9506	9620	1%	449	501	12%	High
No	19a	A1117 (N)	10047	9823	-2%	112	110	-2%	High
Yes	19b	A12 (N)	10768	11649	8%	13	115	799%	High
No	19c	B1384 Stradbroke Rd	9343	9425	1%	10	10	0%	High
No	19d	A12 (S)	11664	12079	4%	405	511	26%	High
No	19e	A1145 (W)	14549	14506	0%	318	316	-1%	High
No	20	A1095 Southwold	4227	4239	0%	73	71	-3%	High
No	21a	B1119 (west of A12)	3174	3230	2%	75	75	0%	High
Yes	21b	A12 (north of B1119)	12614	13826	10%	674	1432	112%	Medium
Yes	21c	A12 (middle)	14850	16081	8%	691	1449	110%	Medium
No	21d	B1119 (east of A12)	5585	5418	-3%	145	145	0%	High

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2023 reference case (total traffic)	2023 reference case + Sizewell	% change	2023 Reference case HDVs	2023 reference case + Sizewell	% change	sensitivity
Yes	21e	A12 (south of B1119)	14214	15127	6%	719	1475	105%	Medium
Yes	22a	A12 (N)	15748	17152	9%	637	1390	118%	Very Low
Yes	22b	A1094	8539	9223	8%	183	303	66%	Low
Yes	22c	A12 (S) (Farnham)	20922	22657	8%	915	1753	92%	Medium
Yes	23	A12 Farnham Bend	20932	22661	8%	915	1753	92%	Medium
No	23A	A12 Two Village Bypass	0	0	0%	0	0	0%	Medium
Yes	24	A12 Stratford St Andrew (Low Road)	20301	22023	8%	905	1743	93%	Medium
Yes	25	A12 Little Glemham	20301	22023	8%	905	1743	93%	Medium
Yes	26	A12 Marlesford	20914	22626	8%	914	1749	91%	Medium
Yes	27	A12 south of Wickham Market	26269	27581	5%	1186	2049	73%	Medium
No	28a	B1078 Wickham Market	5247	5623	7%	159	159	0%	Medium
No	28b	B1078 Wickham Market (east of B1438)	4317	4676	8%	170	170	0%	Medium
No	28c	B1438 High Street, Wickham Market	3002	3045	1%	11	11	0%	Medium
No	29	B1078 onslip to A12	2085	2223	7%	93	96	3%	Very Low
No	30	B1116 Hatcheston	7559	7554	0%	79	79	0%	Low
No	31	B1069 Tunstall	3624	3750	3%	153	153	0%	Medium
Yes	32a	A12 (N)	26244	27439	5%	1190	2054	73%	Very Low
No	32b	A1152	20010	19927	0%	787	779	-1%	High
Yes	32c	A12 (S)	42252	43239	2%	2249	3104	38%	Medium

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2023 reference case (total traffic)	2023 reference case + Sizewell	% change	2023 Reference case HDVs	2023 reference case + Sizewell	% change	sensitivity
Yes	33	A12 south of Woodbridge	38523	38918	1%	953	1802	89%	Very Low
Yes	34a	A12 (N)	40472	41046	1%	1215	2070	70%	Very Low
No	34b	Main Road (E)	5969	6097	2%	127	127	0%	High
Yes	34c	A12 (S)	43138	43483	1%	2391	3248	36%	Medium
No	34d	A1214 Main Road (W)	24843	24832	0%	659	659	0%	High
No	35	A14 south of Ipswich (east of Copdock jcn)	81151	81391	0%	12868	13450	5%	Medium
No	36	A14 south of Ipswich (west of Seven Hills jcn)	62203	62542	1%	10194	10907	7%	Medium
No	37	A14 Felixstowe branch (east of Seven Hills jcn)	49099	49252	0%	8561	8707	2%	Medium
No	38a	B1079 Woodbridge w/o A12	15165	15145	0%	635	633	0%	Low
Yes	38b	A12 Woodbridge n/o B1079	42252	43239	2%	2249	3104	38%	Very Low
No	38c	B1079 Woodbridge e/o A12	14245	14284	0%	975	969	-1%	High
No	39a	A1094 (west of B1069)	11538	11994	4%	238	236	-1%	Very Low
No	39b	B1069 (north of A1094)	6531	6972	7%	209	207	-1%	Very Low
No	39c	A1094 (east of B1069)	4908	4939	1%	157	153	-3%	Low
No	41	B1125 through Middleton	2127	2656	25%	42	42	0%	Low
No	42	B1125 (south of B1387)	2045	2544	24%	55	55	0%	Medium
No	43	A1120 (east of Dennington)	3006	3214	7%	230	230	0%	Medium
No	44	A1120 (west of Dennington)	5111	5326	4%	657	657	0%	High
No	45	A1120 (east of Pettaugh)	12936	13157	2%	1163	1165	0%	Medium
No	46	B1119 (east of Framlingham)	3363	3474	3%	95	95	0%	High

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2023 reference case (total traffic)	2023 reference case + Sizewell	% change	2023 Reference case HDVs	2023 reference + Sizewell	% change	sensitivity
No	47	B1119 (through Framlingham)	8612	8731	1%	743	743	0%	High
No	48	B1119 (east of Saxstead Green)	5319	5415	2%	841	839	0%	High
No	49	B1078 (east of Clopton)	4035	4383	9%	163	163	0%	Low
No	50	B1079 (west of Clopton)	11530	12087	5%	616	616	0%	Very Low
No	51	B1078 (through Gibraltar)	9431	9978	6%	616	616	0%	High
No	52	B1078 (west of Coddensham)	8071	8225	2%	611	611	0%	High
No	53a	A144 (west of A12)	4475	4612	3%	192	192	0%	High
No	53b	A12 (north of A144)	9913	10298	4%	628	782	25%	Very Low
No	53c	A12 (south of A144)	14074	14609	4%	833	985	18%	Very Low
No	55	A140 (south of B1078)	33685	33964	1%	3928	3932	0%	Medium
No	56	A140 (north of B1078)	26125	26257	1%	3360	3362	0%	Medium
No	57	Sizewell Link Road (east of A12)	0	0	0%	0	0	0%	Medium
Yes	58	A12 (north of SLR)	12079	13166	9%	713	1330	87%	Very Low
Yes	59	A12 (south of SLR)	12079	13373	11%	713	1470	106%	Very Low
No	62	B1079 (south of Otley)	2092	2100	0%	0	0	0%	Medium
No	63	Theberton Bypass (west of B1125)	0	0	0%	0	0	0%	Medium
Yes	64	B1122 north of SZC access	6037	7671	27%	216	816	278%	Medium
No	65	Middleton Moor Link	0	0	0%	0	0	0%	Medium
Yes	66	B1122 west of B1125	3496	4589	31%	165	765	363%	Medium

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2023 reference case (total traffic)	2023 reference case + Sizewell	% change	2023 Reference case HDVs	2023 reference + Sizewell	% change	sensitivity
Yes	67	Main Site Access	0	792	78700%	0	0	0%	Very Low
Yes	68	Darsham P&R	0	282	27900%	0	46	4600%	Very Low
Yes	69	Wickham Market P&R	0	225	22300%	0	42	4200%	Very Low
Yes	70	A12 on-slip (west of WM P&R)	2086	2408	15%	93	132	42%	Very Low
No	71	B1116 north of B1078	8001	7997	0%	86	84	-2%	Very Low
No	72	B1078 west of B1116	4302	4662	8%	175	175	0%	Medium
No	73	B1078 south of B1116	9996	10323	3%	225	264	17%	Medium
Yes	74	B1122 (Middleton Moor)	4150	5237	26%	177	777	339%	Medium
Yes	75	Lovers Lane	3294	4787	45%	87	907	942%	Very Low
No	76	B1069 (north of Aldringham Lane)	5522	5965	8%	167	167	0%	Medium
No	77	Aldeburgh Rd (north of Aldringham Lane)	4908	5060	3%	57	57	0%	Medium
Yes	78	A12 (north of B1121)	14288	15229	7%	719	1475	105%	Medium
No	79	B1121 at Benhall	5580	6121	10%	178	176	-1%	Low
No	80	A1152 at Rendlesham	7271	7327	1%	294	289	-1%	Very Low
No	81	B1078 at Campsea Ashe	1486	1524	3%	0	0	0%	High
No	82	B1438 Melton Hill	713	767	8%	81	81	0%	High
No	83	A145 west of A12	2854	3029	6%	233	285	22%	High
No	84	A12 south of B1126	8624	9279	8%	481	583	21%	Very Low
No	85	A12 south of A1095	11021	11732	6%	672	772	15%	Very Low
No	86	A12 south of B1387	9482	9874	4%	661	813	23%	Very Low

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2023 reference case (total traffic)	2023 reference case + Sizewell	% change	2023 Reference case HDVs	2023 reference + Sizewell	% change	sensitivity
Yes	87	A12 south of Eagle Way	46079	46500	1%	2200	3059	39%	Very Low
Yes	88	A12 south of Foxhall Road	37975	38637	2%	2309	3165	37%	Very Low
No	89	A1120 east of A140	13702	13912	2%	1993	1993	0%	High
Yes	90	A1120 Sibton (east of Mill Hill)	4255	4728	11%	194	194	0%	High
No	91	A1152 at Eyke	7300	7325	0%	302	298	-1%	High

Table 1.2: 2028 Screening of links – busiest day (refined DCO flows)

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference + Sizewell (busiest)	% change	Sensitivity
No	1	Sizewell Gap	7239	7345	1%	99	99	0%	Low
No	2	King George's Avenue	6253	6321	1%	92	92	0%	Medium
Yes	3	Lovers Lane (LEEIE)	3371	3961	17%	85	254	199%	Very Low
Yes	4a	B1122 (S)	3732	7023	88%	217	429	98%	Medium
No	4b	Lovers Lane	3423	3871	13%	87	112	29%	Very Low
Yes	4c	B1122 (N)	6201	9939	60%	214	455	113%	Medium
Yes	5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	145	359	148%	Medium
Yes	6	B1119 Samundham Road	5227	5987	15%	62	86	39%	High
No	7	B1069 Coldfair Green	6832	7697	13%	194	198	2%	Medium
No	8	B1122 Aldeburgh	3962	4716	19%	94	94	0%	Medium
No	9a	A1094 (W)	8925	9075	2%	187	183	-2%	Low
Yes	9b	Snape Road	5675	6278	11%	178	178	0%	High
No	9c	A1094 (E)	10297	11043	7%	231	225	-3%	Medium
Yes	10	B1122 through Theberton	6187	541	-91%	218	0	-100%	Medium
Yes	10A	Theberton Bypass	0	8852	880800%	0	1758	1758000%	Medium
Yes	11	B1125 through Westleton	2823	3104	10%	81	81	0%	High
Yes	12a	B1121 (N)	5645	5813	3%	53	77	45%	Medium
Yes	12b	B1119 (E)	5440	5981	10%	70	86	22%	High

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell (busiest)	% change	Sensitivity
No	12c	B1121 (S)	5825	6558	13%	179	173	-3%	Medium
Yes	13a	A12 (N)	15874	16826	6%	908	1277	31%	Low
Yes	13b	B1122	4288	4603	7%	177	500	182%	Low
No	13c	A12 (middle)	16327	16287	0%	862	841	-2%	Low
Yes	13d	A1120	4345	4932	14%	188	192	2%	High
No	13e	A12 (S)	12643	11973	-5%	725	704	-3%	Medium
No	14	A12 north of Darsham park and ride	15592	18131	16%	849	1066	26%	Medium
No	15	A144 Halesworth	8080	8758	8%	246	244	-1%	High
Yes	16	A12 Wrentham	10198	11386	12%	444	618	39%	High
Yes	17a	A12 (N)	11339	13109	16%	674	897	33%	Medium
No	17b	B1125	1870	2011	8%	55	55	0%	High
Yes	17c	A12 (S)	9456	11077	17%	630	853	35%	Very Low
No	18	A145 Beccles	9342	9634	3%	453	499	10%	High
No	19a	A1117 (N)	9849	10230	4%	26	32	21%	High
Yes	19b	A12 (N)	14482	14571	1%	210	310	48%	High
No	19c	B1384 Stradbroke Rd	10465	10551	1%	10	12	20%	High
No	19d	A12 (S)	12938	13480	4%	528	630	19%	High
No	19e	A1145 (W)	16277	16341	0%	320	320	0%	High
No	20	A1095 Southwold	4410	4456	1%	79	79	0%	High
No	21a	B1119 (west of A12)	3372	3451	2%	75	75	0%	High

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell (busiest)	% change	Sensitivity
Yes	21b	A12 (north of B1119)	13212	14298	8%	686	1831	167%	Medium
Yes	21c	A12 (middle)	15622	16639	7%	693	1838	165%	Medium
No	21d	B1119 (east of A12)	5916	5682	-4%	145	145	0%	High
Yes	21e	A12 (south of B1119)	15223	16059	5%	721	1866	159%	Medium
Yes	22a	A12 (N)	16664	18111	9%	639	1781	179%	Very Low
No	22b	A1094	8900	9013	1%	187	183	-2%	Low
Yes	22c	A12 (S) (Farnham)	21955	546	-98%	923	58	-94%	Medium
Yes	23	A12 Farnham Bend	21968	275	-99%	925	11	-99%	Medium
Yes	23A	A12 Two Village Bypass	0	22625	2239700%	0	2036	2036000%	Medium
Yes	24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	919	44	-95%	Medium
Yes	25	A12 Little Glemham	21333	22893	7%	919	2060	124%	Medium
Yes	26	A12 Marlesford	21956	23522	7%	926	2071	124%	Medium
Yes	27	A12 south of Wickham Market	27487	29683	8%	1194	2158	81%	Medium
No	28a	B1078 Wickham Market	5644	6602	17%	165	161	-2%	Medium
No	28b	B1078 Wickham Market (east of B1438)	4524	5478	21%	176	161	-9%	Medium
No	28c	B1438 High Street, Wickham Market	3286	3370	3%	11	0	-100%	Medium
Yes	29	B1078 onslip to A12	2215	2382	8%	95	163	72%	Very Low

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference + Sizewell (busiest)	% change	Sensitivity
No	30	B1116 Hatcheston	7737	7927	2%	79	79	0%	Low
No	31	B1069 Tunstall	3838	4363	14%	153	153	0%	Medium
Yes	32a	A12 (N)	27448	29437	7%	1206	2134	77%	Very Low
No	32b	A1152	20427	20177	-1%	793	791	0%	High
Yes	32c	A12 (S)	43491	45112	4%	2263	3158	40%	Medium
Yes	33	A12 south of Woodbridge	39427	40086	2%	971	1839	89%	Very Low
Yes	34a	A12 (N)	42247	43282	2%	1221	2080	70%	Very Low
Yes	34b	Main Road (E)	6950	7302	5%	127	199	57%	High
Yes	34c	A12 (S)	45170	45919	2%	2391	3184	33%	Medium
No	34d	A1214 Main Road (W)	25667	25904	1%	657	721	10%	High
No	35	A14 south of Ipswich (east of Copdock jcn)	84366	85170	1%	12946	13470	4%	Medium
No	36	A14 south of Ipswich (west of Seven Hills jcn)	65618	66373	1%	10239	10889	6%	Medium
No	37	A14 Felixstowe branch (east of Seven Hills jcn)	50862	50933	0%	8612	8663	1%	Medium
No	38a	B1079 Woodbridge w/o A12	15882	15844	0%	637	631	-1%	Low
Yes	38b	A12 Woodbridge n/o B1079	43491	45112	4%	2263	3158	40%	Very Low
No	38c	B1079 Woodbridge e/o A12	14662	14569	-1%	981	958	-2%	High
No	39a	A1094 (west of B1069)	12023	12746	6%	238	232	-3%	Very Low
No	39b	B1069 (north of A1094)	6802	7638	12%	209	215	3%	Very Low

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell (busiest)	% change	Sensitivity
No	39c	A1094 (east of B1069)	5144	5328	4%	155	153	-1%	Low
Yes	41	B1125 through Middleton	2184	2854	31%	42	42	0%	Low
No	42	B1125 (south of B1387)	2099	2225	6%	55	55	0%	Medium
No	43	A1120 (east of Dennington)	3160	3369	7%	236	236	0%	Medium
No	44	A1120 (west of Dennington)	5364	5563	4%	663	663	0%	High
No	45	A1120 (east of Pettaugh)	13458	13737	2%	1178	1178	0%	Medium
No	46	B1119 (east of Framlingham)	3616	3705	2%	97	95	-2%	High
No	47	B1119 (through Framlingham)	9025	9268	3%	748	745	0%	High
No	48	B1119 (east of Saxstead Green)	5611	5771	3%	845	843	0%	High
No	49	B1078 (east of Clopton)	4298	5194	21%	165	163	-1%	Low
No	50	B1079 (west of Clopton)	12375	13273	7%	624	618	-1%	Very Low
No	51	B1078 (through Gibraltar)	10243	11129	9%	624	618	-1%	High
No	52	B1078 (west of Coddensham)	8710	9364	8%	613	611	0%	High
Yes	53a	A144 (west of A12)	4617	5317	15%	192	190	-1%	High
Yes	53b	A12 (north of A144)	10158	11856	17%	638	862	35%	Very Low
No	53c	A12 (south of A144)	14589	17071	17%	848	1067	26%	Very Low
No	55	A140 (south of B1078)	35655	36613	3%	3973	3967	0%	Medium
No	56	A140 (north of B1078)	27451	27753	1%	3403	3399	0%	Medium

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference + Sizewell (busiest)	% change	Sensitivity
Yes	57	Sizewell Link Road (east of A12)	0	2633	254300%	0	1287	1287000%	Medium
No	58	A12 (north of SLR)	12577	12061	-4%	725	704	-3%	Very Low
Yes	59	A12 (south of SLR)	12577	14210	13%	725	1870	158%	Very Low
No	62	B1079 (south of Otley)	2138	2143	0%	0	0	0%	Medium
Yes	63	Theberton Bypass (west of B1125)	0	6859	678100%	0	1781	1781000%	Medium
Yes	64	B1122 north of SZC access	6187	9099	47%	218	1760	707%	Medium
Yes	65	Middleton Moor Link	0	4373	438600%	0	498	498000%	Medium
Yes	66	B1122 west of B1125	3588	122	-97%	169	0	-100%	Medium
Yes	67	Main Site Access	0	5830	573200%	0	1772	1772000%	Very Low
Yes	68	Darsham P&R	0	2563	250000%	0	152	152000%	Very Low
Yes	69	Wickham Market P&R	0	2262	264500%	0	152	152000%	Very Low
Yes	70	A12 on-slip (west of WM P&R)	2215	4650	110%	95	163	72%	Very Low
No	71	B1116 north of B1078	8192	8390	2%	84	84	0%	Very Low
No	72	B1078 west of B1116	4500	5473	22%	183	170	-7%	Medium
Yes	73	B1078 south of B1116	10208	11665	14%	225	296	32%	Medium
Yes	74	B1122 (Middleton Moor)	4288	372	-91%	177	4	-98%	Medium
Yes	75	Lovers Lane	3423	4011	17%	87	252	190%	Very Low

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell (busiest)	% change	Sensitivity
Yes	76	B1069 (north of Aldringham Lane)	5713	6644	16%	169	268	59%	Medium
Yes	77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	57	150	162%	Medium
Yes	78	A12 (north of B1121)	15648	16462	5%	721	1866	159%	Medium
No	79	B1121 at Benhall	6141	6887	12%	178	172	-3%	Low
No	80	A1152 at Rendlesham	7278	7636	5%	294	292	-1%	Very Low
No	81	B1078 at Campsea Ashe	1769	1721	-3%	0	0	0%	High
Yes	82	B1438 Melton Hill	807	950	18%	81	70	-14%	High
Yes	83	A145 west of A12	2914	3362	15%	237	287	21%	High
Yes	84	A12 south of B1126	9142	10364	13%	487	660	36%	Very Low
No	85	A12 south of A1095	11635	12984	12%	684	860	26%	Very Low
Yes	86	A12 south of B1387	9915	11499	16%	675	901	33%	Very Low
Yes	87	A12 south of Eagle Way	48801	49629	2%	2204	2995	36%	Very Low
Yes	88	A12 south of Foxhall Road	39693	40637	2%	2297	3113	36%	Very Low
No	89	A1120 east of A140	14553	14859	2%	2018	2022	0%	High
Yes	90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	196	200	2%	High
No	91	A1152 at Eyke	7358	7582	3%	300	296	-1%	High

NOT PROTECTIVELY MARKED

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Table 1.3: 2028 Screening of links – Typical day (refined DCO flows)

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	1	Sizewell Gap	7239	7345	1%	99	99	0%	Low
No	2	King George's Avenue	6253	6312	1%	92	92	0%	Medium
Yes	3	Lovers Lane (LEEIE)	3371	3975	18%	85	254	199%	Very Low
Yes	4a	B1122 (S)	3732	7017	88%	217	429	98%	Medium
No	4b	Lovers Lane	3423	3885	13%	87	112	29%	Very Low
Yes	4c	B1122 (N)	6201	9956	61%	214	455	113%	Medium
Yes	5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	145	359	148%	Medium
Yes	6	B1119 Samundham Road	5227	5963	14%	62	86	39%	High
No	7	B1069 Coldfair Green	6832	7699	13%	194	198	2%	Medium
No	8	B1122 Aldeburgh	3962	4718	19%	94	94	0%	Medium
No	9a	A1094 (W)	8925	9096	2%	187	183	-2%	Low
Yes	9b	Snape Road	5675	6270	10%	178	178	0%	High
No	9c	A1094 (E)	10297	11052	7%	231	225	-3%	Medium
Yes	10	B1122 through Theberton	6187	523	-92%	218	0	-100%	Medium
Yes	10A	Theberton Bypass	0	8536	8536000%	0	1408	1408000%	Medium
Yes	11	B1125 through Westleton	2823	3104	10%	81	81	0%	High
Yes	12a	B1121 (N)	5645	5770	2%	53	77	45%	Medium

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
Yes	12b	B1119 (E)	5440	5961	10%	70	86	22%	High
No	12c	B1121 (S)	5825	6552	12%	179	173	-3%	Medium
Yes	13a	A12 (N)	15874	16828	6%	908	1277	35%	Low
Yes	13b	B1122	4288	4545	6%	177	500	153%	Low
No	13c	A12 (middle)	16327	16335	0%	862	841	-2%	Low
Yes	13d	A1120	4345	4910	13%	188	192	2%	High
No	13e	A12 (S)	12643	12051	-5%	725	704	-3%	Medium
No	14	A12 north of Darsham park and ride	15592	18133	16%	849	1066	19%	Medium
No	15	A144 Halesworth	8080	8754	8%	246	244	-1%	High
Yes	16	A12 Wrentham	10198	11375	12%	444	618	31%	High
No	17a	A12 (N)	11339	13100	16%	674	897	25%	Medium
No	17b	B1125	1870	2011	8%	55	55	0%	High
No	17c	A12 (S)	9456	11068	17%	630	853	27%	Very Low
No	18	A145 Beccles	9342	9620	3%	453	499	6%	High
No	19a	A1117 (N)	9849	10244	4%	26	32	21%	High
Yes	19b	A12 (N)	14482	14553	0%	210	310	31%	High
No	19c	B1384 Stradbroke Rd	10465	10549	1%	10	12	20%	High
No	19d	A12 (S)	12938	13473	4%	528	630	13%	High
No	19e	A1145 (W)	16277	16347	0%	320	320	0%	High
No	20	A1095 Southwold	4410	4456	1%	79	79	0%	High
No	21a	B1119 (west of A12)	3372	3437	2%	75	75	0%	High

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
Yes	21b	A12 (north of B1119)	13212	14066	6%	686	1831	123%	Medium
Yes	21c	A12 (middle)	15622	16397	5%	693	1838	122%	Medium
No	21d	B1119 (east of A12)	5916	5672	-4%	145	145	0%	High
Yes	21e	A12 (south of B1119)	15223	15862	4%	721	1866	117%	Medium
Yes	22a	A12 (N)	16664	17912	7%	639	1781	132%	Very Low
No	22b	A1094	8900	9034	2%	187	183	-2%	Low
Yes	22c	A12 (S) (Farnham)	21955	546	-98%	923	58	-94%	Medium
Yes	23	A12 Farnham Bend	21968	275	-99%	925	11	-99%	Medium
Yes	23A	A12 Two Village Bypass	0	22446	22446000%	0	2036	2036000%	Medium
Yes	24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	919	44	-95%	Medium
Yes	25	A12 Little Glemham	21333	22712	6%	919	2060	92%	Medium
Yes	26	A12 Marlesford	21956	23343	6%	926	2071	91%	Medium
Yes	27	A12 south of Wickham Market	27487	29553	8%	1194	2158	56%	Medium
No	28a	B1078 Wickham Market	5644	6591	17%	165	161	-2%	Medium
No	28b	B1078 Wickham Market (east of B1438)	4524	5468	21%	176	161	-9%	Medium
No	28c	B1438 High Street, Wickham Market	3286	3372	3%	11	0	-100%	Medium
Yes	29	B1078 onslip to A12	2215	2384	8%	95	163	72%	Very Low
No	30	B1116 Hatcheston	7737	7937	3%	79	79	0%	Low

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	31	B1069 Tunstall	3838	4359	14%	153	153	0%	Medium
Yes	32a	A12 (N)	27448	29340	7%	1206	2134	52%	Very Low
No	32b	A1152	20427	20204	-1%	793	791	0%	High
No	32c	A12 (S)	43491	45056	4%	2263	3158	26%	Medium
Yes	33	A12 south of Woodbridge	39427	40207	2%	971	1839	61%	Very Low
Yes	34a	A12 (N)	42247	43349	3%	1221	2080	48%	Very Low
Yes	34b	Main Road (E)	6950	7216	4%	127	199	57%	High
No	34c	A12 (S)	45170	45896	2%	2391	3184	21%	Medium
No	34d	A1214 Main Road (W)	25667	25900	1%	657	721	10%	High
No	35	A14 south of Ipswich (east of Copdock jcn)	84366	84970	1%	12946	13470	2%	Medium
No	36	A14 south of Ipswich (west of Seven Hills jcn)	65618	66342	1%	10239	10889	4%	Medium
No	37	A14 Felixstowe branch (east of Seven Hills jcn)	50862	50944	0%	8612	8663	0%	Medium
No	38a	B1079 Woodbridge w/o A12	15882	15910	0%	637	631	-1%	Low
No	38b	A12 Woodbridge n/o B1079	43491	45056	4%	2263	3158	26%	Very Low
No	38c	B1079 Woodbridge e/o A12	14662	14612	0%	981	958	-2%	High

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	39a	A1094 (west of B1069)	12023	12756	6%	238	232	-3%	Very Low
No	39b	B1069 (north of A1094)	6802	7648	12%	209	215	3%	Very Low
No	39c	A1094 (east of B1069)	5144	5328	4%	155	153	-1%	Low
Yes	41	B1125 through Middleton	2184	2861	31%	42	42	0%	Low
No	42	B1125 (south of B1387)	2099	2225	6%	55	55	0%	Medium
No	43	A1120 (east of Dennington)	3160	3338	6%	236	236	0%	Medium
No	44	A1120 (west of Dennington)	5364	5537	3%	663	663	0%	High
No	45	A1120 (east of Pettaugh)	13458	13684	2%	1178	1178	0%	Medium
No	46	B1119 (east of Framlingham)	3616	3686	2%	97	95	-2%	High
No	47	B1119 (through Framlingham)	9025	9252	3%	748	745	0%	High
No	48	B1119 (east of Saxstead Green)	5611	5744	2%	845	843	0%	High
No	49	B1078 (east of Clopton)	4298	5155	20%	165	163	-1%	Low
No	50	B1079 (west of Clopton)	12375	13236	7%	624	618	-1%	Very Low
No	51	B1078 (through Gibraltar)	10243	11092	8%	624	618	-1%	High

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	52	B1078 (west of Coddendam)	8710	9275	6%	613	611	0%	High
Yes	53a	A144 (west of A12)	4617	5321	15%	192	190	-1%	High
No	53b	A12 (north of A144)	10158	11862	17%	638	862	27%	Very Low
No	53c	A12 (south of A144)	14589	17081	17%	848	1067	20%	Very Low
No	55	A140 (south of B1078)	35655	36440	2%	3973	3967	0%	Medium
No	56	A140 (north of B1078)	27451	27685	1%	3403	3399	0%	Medium
Yes	57	SLR (east of A12)	0	2359	2359000%	0	1287	1287000%	Medium
No	58	A12 (north of SLR)	12577	12144	-3%	725	704	-3%	Very Low
Yes	59	A12 (south of SLR)	12577	14008	11%	725	1870	117%	Very Low
No	62	B1079 (south of Otley)	2138	2137	0%	0	0	-100%	Medium
Yes	63	Theberton Bypass (west of B1125)	0	6531	6531000%	0	1781	1781000%	Medium
Yes	64	B1122 north of SZC access	6187	8768	42%	218	1760	546%	Medium
Yes	65	Middleton Moor Link	0	4317	4317000%	0	498	498000%	Medium
Yes	66	B1122 west of B1125	3588	122	-97%	169	0	-100%	Medium
Yes	67	Main Site Access	0	5482	5482000%	0	1772	1772000%	Very Low
Yes	68	Darsham P&R	0	2563	2563000%	0	152	152000%	Very Low
Yes	69	Wickham Market P&R	0	2277	2277000%	0	152	152000%	Very Low
Yes	70	A12 on-slip (west of WM P&R)	2215	4667	111%	95	163	72%	Very Low

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	71	B1116 north of B1078	8192	8401	3%	84	84	0%	Very Low
No	72	B1078 west of B1116	4500	5461	21%	183	170	-7%	Medium
Yes	73	B1078 south of B1116	10208	11679	14%	225	296	32%	Medium
Yes	74	B1122 (Middleton Moor)	4288	366	-91%	177	4	-98%	Medium
Yes	75	Lovers Lane	3423	4025	18%	87	252	190%	Very Low
Yes	76	B1069 (north of Aldringham Lane)	5713	6650	16%	169	268	59%	Medium
Yes	77	Aldeburgh Rd (north of Aldringham Lane)	4990	6419	29%	57	150	162%	Medium
Yes	78	A12 (north of B1121)	15648	16271	4%	721	1866	117%	Medium
No	79	B1121 at Benhall	6141	6878	12%	178	172	-3%	Low
No	80	A1152 at Rendlesham	7278	7624	5%	294	292	-1%	Very Low
No	81	B1078 at Campsea Ashe	1769	1729	-2%	0	0	0%	High
Yes	82	B1438 Melton Hill	807	938	16%	81	70	-14%	High
Yes	83	A145 west of A12	2914	3365	15%	237	287	13%	High
No	84	A12 south of B1126	9142	10359	13%	487	660	29%	Very Low
No	85	A12 south of A1095	11635	12983	12%	684	860	21%	Very Low
No	86	A12 south of B1387	9915	11494	16%	675	901	26%	Very Low
No	87	A12 south of Eagle Way	48801	49615	2%	2204	2995	23%	Very Low
No	88	A12 south of Foxhall Road	39693	40540	2%	2297	3113	23%	Very Low
No	89	A1120 east of A140	14553	14797	2%	2018	2022	0%	High

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell	% change	2028 Reference case HDVs	2028 reference + Sizewell	% change	sensitivity
Yes	90	A1120 Sibton (east of Mill Hill)	4489	5024	12%	196	200	2%	High
No	91	A1152 at Eyke	7358	7566	3%	300	296	-1%	High

Table 1.4: 2034 Screening of links (refined DCO flows)

Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	1	Sizewell Gap	7500	7496	7%	99	99	0%	Low
No	2	King George's Avenue	6411	6304	28%	92	92	0%	Medium
No	3	Lovers Lane (LEEIE)	3517	3772	8%	85	90	6%	Very Low
No	4a	B1122 (S)	3966	5061	23%	221	227	3%	Medium
No	4b	Lovers Lane	3573	3845	19%	87	88	1%	Very Low
No	4c	B1122 (N)	6407	7909	1%	218	235	8%	Medium
No	5	B1122 Abbey Road (existing level crossing)	5240	6253	5%	151	150	0%	Medium
No	6	B1119 Samundham Road	5765	5845	0%	66	62	-6%	High
No	7	B1069 Coldfair Green	7192	7549	0%	196	196	0%	Medium
No	8	B1122 Aldeburgh	4110	4124	4%	94	94	0%	Medium
No	9a	A1094 (W)	9409	9437	3%	191	191	0%	Low
No	9b	Snape Road	5961	6218	-94%	178	178	0%	High
No	9c	A1094 (E)	10755	11044	718200%	240	238	-1%	Medium
Yes	10	B1122 through Theberton	6397	414	4%	222	0	-100%	Medium
Yes	10A	Theberton Bypass	0	7017	-3%	0	260	25900%	Medium
No	11	B1125 through Westleton	2950	3057	-1%	81	81	0%	High
No	12a	B1121 (N)	6009	5851	6%	53	53	0%	Medium

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	12b	B1119 (E)	5982	5918	0%	72	66	-9%	High
No	12c	B1121 (S)	6090	6430	-10%	187	173	-8%	Medium
No	13a	A12 (N)	16589	16658	-4%	934	928	-1%	Low
No	13b	B1122	4489	4053	1%	181	119	-34%	Low
No	13c	A12 (middle)	17106	16376	-6%	891	872	-2%	Low
No	13d	A1120	4654	4679	0%	192	194	1%	High
No	13e	A12 (S)	13249	12406	0%	752	729	-3%	Medium
No	14	A12 north of Darsham park and ride	16307	16375	0%	876	870	-1%	Medium
No	15	A144 Halesworth	8647	8667	-1%	260	258	-1%	High
No	16	A12 Wrentham	10644	10625	-2%	457	454	-1%	High
No	17a	A12 (N)	11748	11684	0%	692	690	0%	Medium
No	17b	B1125	1926	1896	0%	55	55	0%	High
No	17c	A12 (S)	9812	9785	0%	650	649	0%	Very Low
No	18	A145 Beccles	9533	9524	1%	472	469	-1%	High
No	19a	A1117 (N)	10424	10395	-1%	26	26	0%	High
No	19b	A12 (N)	15298	15397	0%	220	223	1%	High
No	19c	B1384 Stradbroke Rd	11157	11028	0%	12	12	0%	High
No	19d	A12 (S)	13170	13167	0%	543	542	0%	High
No	19e	A1145 (W)	17000	16969	-2%	329	327	-1%	High
No	20	A1095 Southwold	4644	4640	-1%	83	83	0%	High
No	21a	B1119 (west of A12)	3676	3610	-1%	79	79	0%	High

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	21b	A12 (north of B1119)	13925	13843	-7%	709	728	3%	Medium
No	21c	A12 (middle)	16580	16429	-1%	712	731	3%	Medium
No	21d	B1119 (east of A12)	6491	6060	1%	151	151	0%	High
No	21e	A12 (south of B1119)	16501	16403	0%	746	759	2%	Medium
No	22a	A12 (N)	17704	17933	-98%	668	677	1%	Very Low
No	22b	A1094	9413	9419	-99%	197	193	-2%	Low
Yes	22c	A12 (S) (Farnham)	23149	545	2245400%	954	58	-94%	Medium
Yes	23	A12 Farnham Bend	23166	287	-98%	952	11	-99%	Medium
Yes	23A	A12 Two Village Bypass	0	22511	1%	0	934	92100%	Medium
Yes	24	A12 Stratford St Andrew (Low Road)	22525	424	0%	940	44	-95%	Medium
No	25	A12 Little Glemham	22525	22781	0%	940	955	2%	Medium
No	26	A12 Marlesford	23168	23260	1%	951	958	1%	Medium
No	27	A12 south of Wickham Market	28644	28592	1%	1229	1240	1%	Medium
No	28a	B1078 Wickham Market	6291	6340	0%	169	165	-2%	Medium
No	28b	B1078 Wickham Market (east of B1438)	4981	5029	1%	180	176	-2%	Medium
No	28c	B1438 High Street, Wickham Market	3577	3579	0%	11	11	0%	Medium
No	29	B1078 onslip to A12	2356	2376	5%	97	97	0%	Very Low
No	30	B1116 Hatcheston	8044	8025	0%	79	79	0%	Low

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	31	B1069 Tunstall	4127	4343	-1%	161	159	-1%	Medium
No	32a	A12 (N)	28580	28510	-1%	1243	1252	1%	Very Low
No	32b	A1152	21114	20956	-2%	820	810	-1%	High
No	32c	A12 (S)	44987	44621	-2%	2310	2291	-1%	Medium
No	33	A12 south of Woodbridge	41116	40194	-2%	1035	997	-4%	Very Low
No	34a	A12 (N)	44339	43453	-3%	1309	1242	-5%	Very Low
No	34b	Main Road (E)	8102	7942	-1%	127	127	0%	High
No	34c	A12 (S)	48055	46846	-1%	2456	2410	-2%	Medium
No	34d	A1214 Main Road (W)	26931	26538	-1%	692	661	-4%	High
No	35	A14 south of Ipswich (east of Copdock jcn)	89956	88876	-1%	13219	13155	0%	Medium
No	36	A14 south of Ipswich (west of Seven Hills jcn)	69177	68141	-1%	10482	10437	0%	Medium
No	37	A14 Felixstowe branch (east of Seven Hills jcn)	53502	53071	-1%	8807	8789	0%	Medium
No	38a	B1079 Woodbridge w/o A12	16745	16608	-1%	653	643	-2%	Low
No	38b	A12 Woodbridge n/o B1079	44987	44621	2%	2310	2291	-1%	Very Low
No	38c	B1079 Woodbridge e/o A12	15467	15270	5%	1006	983	-2%	High
No	39a	A1094 (west of B1069)	12660	12869	-1%	247	245	-1%	Very Low

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Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	39b	B1069 (north of A1094)	7151	7474	25%	211	213	1%	Very Low
No	39c	A1094 (east of B1069)	5442	5395	1%	157	157	0%	Low
No	41	B1125 through Middleton	2246	2811	1%	42	42	0%	Low
No	42	B1125 (south of B1387)	2171	2202	0%	55	55	0%	Medium
No	43	A1120 (east of Dennington)	3372	3389	-1%	239	241	1%	Medium
No	44	A1120 (west of Dennington)	5752	5760	-2%	663	663	0%	High
No	45	A1120 (east of Pettaugh)	14411	14333	-1%	1215	1215	0%	Medium
No	46	B1119 (east of Framlingham)	3970	3883	-1%	97	97	0%	High
No	47	B1119 (through Framlingham)	9633	9560	1%	752	750	0%	High
No	48	B1119 (east of Saxstead Green)	5989	5942	0%	847	847	0%	High
No	49	B1078 (east of Clopton)	4806	4869	0%	170	167	-1%	Low
No	50	B1079 (west of Clopton)	13647	13630	-1%	645	636	-1%	Very Low
No	51	B1078 (through Gibraltar)	11381	11385	0%	645	636	-1%	High
No	52	B1078 (west of Coddendam)	9359	9300	0%	640	634	-1%	High

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Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	53a	A144 (west of A12)	4791	4788	0%	200	192	-4%	High
No	53b	A12 (north of A144)	10440	10449	-1%	661	659	0%	Very Low
No	53c	A12 (south of A144)	15251	15310	-1%	872	869	0%	Very Low
No	55	A140 (south of B1078)	37747	37515	138500%	4088	4057	-1%	Medium
No	56	A140 (north of B1078)	28860	28690	-4%	3489	3475	0%	Medium
Yes	57	Sizewell Link Road (east of A12)	0	1408	2%	0	156	15600%	Medium
No	58	A12 (north of SLR)	13160	12596	-1%	741	729	-2%	Very Low
No	59	A12 (south of SLR)	13160	13484	518500%	741	767	3%	Very Low
No	62	B1079 (south of Otley)	2269	2247	11%	0	0	0%	Medium
Yes	63	Theberton Bypass (west of B1125)	0	5102	394200%	0	274	28000%	Medium
No	64	B1122 north of SZC access	6397	7105	-98%	222	260	17%	Medium
Yes	65	Middleton Moor Link	0	3834	161700%	0	145	15100%	Medium
Yes	66	B1122 west of B1125	3728	92	0%	169	0	-100%	Medium
Yes	67	Main Site Access	0	1617	0%	0	20	0%	Very Low
No	68	Darsham P&R	0	0	1%	0	0	0%	Very Low
No	69	Wickham Market P&R	0	0	0%	0	0	0%	Very Low
No	70	A12 on-slip (west of WM P&R)	2357	2376	1%	97	97	0%	Very Low
No	71	B1116 north of B1078	8519	8492	0%	86	84	-2%	Very Low

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Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	72	B1078 west of B1116	4958	5007	-92%	187	185	-1%	Medium
No	73	B1078 south of B1116	10732	10758	8%	231	229	-1%	Medium
Yes	74	B1122 (Middleton Moor)	4489	370	6%	181	4	-98%	Medium
No	75	Lovers Lane	3573	3845	4%	87	88	1%	Very Low
No	76	B1069 (north of Aldringham Lane)	5989	6350	-1%	173	171	-1%	Medium
No	77	Aldeburgh Rd (north of Aldringham Lane)	5142	5326	5%	57	57	0%	Medium
No	78	A12 (north of B1121)	17078	16993	1%	746	759	2%	Medium
No	79	B1121 at Benhall	6643	6978	0%	184	176	-4%	Low
No	80	A1152 at Rendlesham	7545	7633	-1%	298	298	0%	Very Low
No	81	B1078 at Campsea Ashe	1983	1984	0%	0	0	0%	High
No	82	B1438 Melton Hill	1017	1009	0%	81	81	0%	High
No	83	A145 west of A12	2994	2987	0%	241	243	1%	High
No	84	A12 south of B1126	9538	9506	-1%	505	498	-1%	Very Low
No	85	A12 south of A1095	12164	12140	-2%	707	704	0%	Very Low
No	86	A12 south of B1387	10300	10205	-2%	694	692	0%	Very Low
No	87	A12 south of Eagle Way/Anson Rd roundabout	52742	51570	-1%	2259	2217	-2%	Very Low
No	88	A12 south of Foxhall Road	42547	41700	0%	2346	2314	-1%	Very Low

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Scoped in	Link number	Link name	2034 reference case (total traffic)	2034 reference case + Sizewell	% change	2034 Reference case HDVs	2034 reference + Sizewell	% change	sensitivity
No	89	A1120 east of A140	15562	15471	1%	2061	2059	0%	High
No	90	A1120 Sibton (east of Mill Hill)	4798	4813		203	203	0%	High
No	91	A1152 at Eyke	7626	7692		302	300	-1%	High

APPENDIX 2.5.B ASSESSMENT TABLES - REFINED TRAFFIC MODELLING

1 Assessment Tables (Refined Traffic Modelling)

1.1 Severance

Table 1.1: Severance 2023 24 hr AAWT Total Traffic

Link number	Link name	2023 reference case 24 hr AAWT total traffic	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	7034	7748	10%	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	3246	4746	46%	Low	Very Low	Negligible
4b	Lovers Lane	3294	4567	39%	Low	Very Low	Negligible
4c	B1122 (N)	6047	7681	27%	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	4824	5287	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6037	7671	27%	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2724	3262	20%	Very Low	High	Minor adverse
12c	B1121 (S)	5465	6049	11%	Very Low	Medium	Minor adverse
13b	B1122	4150	5261	27%	Very Low	Low	Negligible
13c	A12 (middle)	15675	17042	9%	Very Low	Low	Negligible
13d	A1120	4109	4580	11%	Very Low	High	Minor adverse
13e	A12 (S)	12137	13238	9%	Very Low	Medium	Minor adverse
17b	B1125	1841	2327	26%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	12614	13826	10%	Very Low	Medium	Minor adverse
21c	A12 (middle)	14850	16081	8%	Very Low	Medium	Minor adverse

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Link number	Link name	2023 reference case 24 hr AAWT total traffic	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
21e	A12 (south of B1119)	14214	15127	6%	Very Low	Medium	Minor adverse
22a	A12 (N)	15748	17152	9%	Very Low	Very Low	Negligible
22b	A1094	8539	9223	8%	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	20922	22657	8%	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	20932	22661	8%	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew	20301	22023	8%	Very Low	Medium	Minor adverse
25	A12 Little Glemham	20301	22023	8%	Very Low	Medium	Minor adverse
26	A12 Marlesford	20914	22626	8%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	26269	27581	5%	Very Low	Medium	Minor adverse
32a	A12 (N)	26244	27439	5%	Very Low	Very Low	Negligible
32c	A12 (S)	42252	43239	2%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	38523	38918	1%	Very Low	Very Low	Negligible
34a	A12 (N)	40472	41046	1%	Very Low	Very Low	Negligible
34c	A12 (S)	43138	43483	1%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	42252	43239	2%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	12079	13166	9%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	12079	13373	11%	Very Low	Very Low	Negligible
64	B1122 north of SZC access	6037	7671	27%	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3496	4589	31%	Low	Medium	Minor adverse
67	Main Site Access	0	792	7922287%	High	Very Low	Minor adverse
68	Darsham P&R	0	282	2819900%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	225	2249900%	High	Very Low	Minor adverse

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Link number	Link name	2023 reference case 24 hr AAWT total traffic	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
70	A12 on-slip (west of WM P&R)	2086	2408	15%	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	4150	5237	26%	Very Low	Medium	Minor adverse
75	Lovers Lane	3294	4787	45%	Low	Very Low	Negligible
78	A12 (north of B1121)	14288	15229	7%	Very Low	Medium	Minor adverse
87	A12 south of Eagle Way	46079	46500	1%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	37975	38637	2%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4255	4728	11%	Very Low	High	Minor adverse

Table 1.2: Severance 2023 Total Traffic Representative Hour (07:00 – 08:00)

Link number	Link name	2023 reference case (total traffic in the hour)	2023 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	694	786	13%	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	348	581	67%	Medium	Very Low	Minor Adverse
4b	Lovers Lane	351	556	58%	Low	Very Low	Negligible
4c	B1122 (N)	503	777	54%	Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	263	344	31%	Low	High	Moderate Adverse
10	B1122 through Theberton	503	799	59%	Low	Medium	Minor Adverse
11	B1125 through Westleton	235	378	61%	Medium	High	Major Adverse
12c	B1121 (S)	223	291	30%	Low	Medium	Minor Adverse
13b	B1122	334	489	46%	Low	Low	Minor Adverse
13c	A12 (middle)	1014	1260	24%	Very Low	Low	Negligible
13d	A1120	287	396	38%	Low	High	Moderate Adverse
13e	A12 (S)	795	994	25%	Very Low	Medium	Minor Adverse
17b	B1125	191	321	68%	Medium	High	Major Adverse
21b	A12 (north of B1119)	823	1029	25%	Very Low	Medium	Minor Adverse
21c	A12 (middle)	944	1153	22%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	928	1120	21%	Very Low	Medium	Minor Adverse
22a	A12 (N)	1073	1315	23%	Very Low	Very Low	Negligible
22b	A1094	642	806	26%	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	1442	1757	22%	Very Low	Medium	Minor Adverse
23	A12 Farnham Bend	1439	1753	22%	Very Low	Medium	Minor Adverse
24	A12 Stratford St Andrew	1435	1748	22%	Very Low	Medium	Minor Adverse

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Link number	Link name	2023 reference case (total traffic in the hour)	2023 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
25	A12 Little Glemham	1435	1748	22%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1472	1783	21%	Very Low	Medium	Minor Adverse
27	A12 south Wickham Market	1663	1906	15%	Very Low	Medium	Minor Adverse
32a	A12 (N)	1746	1977	13%	Very Low	Very Low	Negligible
32c	A12 (S)	2940	3176	8%	Very Low	Medium	Minor Adverse
33	A12 south of Woodbridge	3469	3643	5%	Very Low	Very Low	Negligible
34a	A12 (N)	3561	3727	5%	Very Low	Very Low	Negligible
34c	A12 (S)	2463	2573	4%	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	2940	3176	8%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	784	979	25%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	784	1010	29%	Very Low	Very Low	Negligible
64	B1122 north of SZC access	503	799	59%	Low	Medium	Minor Adverse
66	B1122 west of B1125	294	447	52%	Low	Medium	Minor Adverse
67	Main Site Access	0	162	1619900%	High	Very Low	Minor Adverse
68	Darsham P&R	0	85	849900%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	64	639900%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	92	188	105%	High	Very Low	Minor Adverse
74	B1122 (Middleton Moor)	334	487	46%	Low	Medium	Minor Adverse
75	Lovers Lane	351	582	66%	Medium	Very Low	Minor Adverse
78	A12 (north of B1121)	952	1155	21%	Very Low	Medium	Minor Adverse
87	A12 south of Eagle Way	2982	3111	4%	Very Low	Very Low	Negligible

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Link number	Link name	2023 reference case (total traffic in the hour)	2023 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
88	A12 south of Foxhall Road	2508	2631	5%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	273	380	39%	Low	High	Moderate Adverse

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Table 1.3: Severance 2028 24 hr AAWT Total Traffic – Typical Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (Typical) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3975	18%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7017	88%	Medium	Medium	Moderate adverse
4c	B1122 (N)	6201	9956	61%	Medium	Medium	Moderate adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Medium	Medium	Moderate adverse
6	B1119 Saxmundham Road	5227	5963	14%	Very Low	High	Minor adverse
9b	Snape Road	5675	6270	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	523	-92%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8536	85357625%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5770	2%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5961	10%	Very Low	High	Minor adverse
13a	A12 (N)	15874	16828	6%	Very Low	Low	Negligible
13b	B1122	4288	4545	6%	Very Low	Low	Negligible
13d	A1120	4345	4910	13%	Very Low	High	Minor adverse
16	A12 Wrentham	10198	11375	12%	Very Low	High	Minor adverse
19b	A12 (N)	14482	14553	0%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	14066	6%	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	16397	5%	Very Low	Medium	Minor adverse

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Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (Typical) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
21e	A12 (south of B1119)	15223	15862	4%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	17912	7%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22446	224464179%	High	Medium	Major adverse
24	A12 Stratford St Andrew	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	22712	6%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23343	6%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29553	8%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2384	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29340	7%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	40207	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43349	3%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7216	4%	Very Low	Medium	Minor adverse
41	B1125 through Middleton	2184	2861	31%	Low	Low	Minor adverse
53a	A144 (west of A12)	4617	5321	15%	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	2359	23593938%	High	Medium	Major adverse
59	A12 (south of SLR)	12577	14008	11%	Very Low	Very Low	Negligible
63	SLR (west of B1125)	0	6531	65311415%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	8768	42%	Low	Medium	Minor adverse

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Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (Typical) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
65	Middleton Moor Link	0	4317	43166618%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5482	54822949%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2277	22768788%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4667	111%	High	Very Low	Minor adverse
73	B1078 south of B1116	10208	11679	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	366	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4025	18%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6650	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6419	29%	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	16271	4%	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	938	16%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3365	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	5024	12%	Very Low	High	Minor adverse

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Table 1.4: Severance 2028 24 hr AAWT Total Traffic – Busiest Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (busiest) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3961	17%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7023	88%	Medium	Medium	Moderate adverse
4c	B1122 (N)	6201	9939	60%	Medium	Medium	Moderate adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Medium	Medium	Moderate adverse
6	B1119 Saxmundham Road	5227	5987	15%	Very Low	High	Minor adverse
9b	Snape Road	5675	6278	11%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	541	-91%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8852	88517967%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5813	3%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5981	10%	Very Low	High	Minor adverse
13a	A12 (N)	15874	16826	6%	Very Low	Low	Negligible
13b	B1122	4288	4603	7%	Very Low	Low	Negligible
13d	A1120	4345	4932	14%	Very Low	High	Minor adverse
16	A12 Wrentham	10198	11386	12%	Very Low	High	Minor adverse
17a	A12 N	11339	13109	16%	Very Low	Medium	Minor adverse
17b	B1125	1870	2011	8%	Very Low	High	Minor adverse
19b	A12 (N)	14482	14571	1%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (busiest) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
21b	A12 (north of B1119)	13212	14298	8%	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	16639	7%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	16059	5%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	18111	9%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22625	226252782%	High	Medium	Major adverse
24	A12 Stratford St Andrew	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	22893	7%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23522	7%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29683	8%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2382	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29437	7%	Very Low	Very Low	Negligible
32c	A12 (S)	43491	45112	4%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	39427	40086	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43282	2%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7302	5%	Very Low	High	Minor adverse
34c	A12 (S)	45170	45919	2%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	43491	45112	4%	Very Low	Very Low	Negligible
41	B1125 through Middleton	2184	2854	31%	Low	Low	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (busiest) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
53a	A144 (west of A12)	4617	5317	15%	Very Low	High	Minor adverse
53b	A12 north of A144	10158	11856	17%	Very Low	Very Low	Negligible
57	Sizewell Link Road (east of A12)	0	2633	26327361%	High	Medium	Major adverse
59	A12 (south of SLR)	12577	14210	13%	Very Low	Very Low	Negligible
63	SLR (west of B1125)	0	6859	68585386%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	9099	47%	Low	Medium	Minor adverse
65	Middleton Moor Link	0	4373	43726616%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5830	58303376%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2262	22621526%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4650	110%	High	Very Low	Minor adverse
73	B1078 south of B1116	10208	11665	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	372	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4011	17%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6644	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	16462	5%	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (busiest) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
82	B1438 Melton Hill	807	950	18%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3362	15%	Very Low	High	Minor adverse
84	A12 south of B1126	9142	10364	13%	Very Low	Very Low	Negligible
86	A12 south of B1387	9915	11499	16%	Very Low	Very Low	Negligible
87	A12 south of Eagle Way/Anson Rd roundabout	48801	49629	2%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	39693	40637	2%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.5: Severance 2028 Total Traffic Representative Hour (07:00 – 08:00) – Typical Day

Link number	Link name	2028 reference case (total traffic in the hour)	2028 reference case + Sizewell (typical) total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	353	402	14%	Very Low	Very Low	Negligible
4a	B1122 (S)	228	544	139%	High	Medium	Major Adverse
4c	B1122 (N)	515	863	68%	Medium	Medium	Moderate Adverse
5	B1122 Abbey Road (existing level crossing)	256	573	124%	High	Medium	Major Adverse
6	B1119 Saxmundham Road	278	331	19%	Very Low	High	Minor Adverse
9b	Snape Road	324	388	20%	Very Low	High	Minor Adverse
10	B1122 through Theberton	513	40	-92%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	668	6679900%	High	Medium	Major Adverse
11	B1125 through Westleton	242	253	5%	Very Low	High	Minor Adverse
12a	B1121 (N)	306	312	2%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	296	333	12%	Very Low	High	Minor Adverse
13a	A12 (N)	1082	1172	8%	Very Low	Low	Negligible
13b	B1122	342	372	9%	Very Low	Low	Negligible
13d	A1120	296	334	13%	Very Low	High	Minor Adverse
16	A12 Wrentham	776	901	16%	Very Low	High	Minor Adverse
19b	A12 (N)	1167	1163	0%	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	856	922	8%	Very Low	Medium	Minor Adverse
21c	A12 (middle)	981	1041	6%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	981	1038	6%	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic in the hour)	2028 reference case + Sizewell (typical) total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
22a	A12 (N)	1133	1200	6%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	1517	25	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	1514	20	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	1566	15659900%	High	Medium	Major Adverse
24	A12 Stratford St Andrew	1511	18	-99%	High	Medium	Major Beneficial
25	A12 Little Glemham	1511	1583	5%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1546	1622	5%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1727	1894	10%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	102	112	10%	Very Low	Very Low	Negligible
32a	A12 (N)	1804	1964	9%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	3547	3661	3%	Very Low	Very Low	Negligible
34a	A12 (N)	3701	3809	3%	Very Low	Very Low	Negligible
34b	Main Road (E)	419	412	-2%	Very Low	High	Minor Adverse
41	B1125 through Middleton	204	238	17%	Very Low	Low	Negligible
53a	A144 (west of A12)	408	467	14%	Very Low	High	Minor Adverse
57	SLR (east of A12)	0	136	1359900%	High	Medium	Major Adverse
59	A12 (south of SLR)	813	918	13%	Very Low	Very Low	Negligible
63	SLR (west of B1125)	0	484	4839900%	High	Medium	Major Adverse
64	B1122 north of SZC access	513	690	35%	Low	Medium	Minor Adverse
65	Middleton Moor Link	0	355	3549900%	High	Medium	Major Adverse
66	B1122 west of B1125	300	9	-97%	High	Medium	Major Beneficial

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic in the hour)	2028 reference case + Sizewell (typical) total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
67	Main Site Access	0	483	4829900%	High	Very Low	Minor Adverse
68	Darsham P&R	0	291	2909900%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	224	2239900%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	102	321	215%	High	Very Low	Minor Adverse
73	B1078 south of B1116	589	711	21%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	342	24	-93%	High	Medium	Major Beneficial
75	Lovers Lane	357	407	14%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	475	572	20%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	297	449	51%	Low	Medium	Minor Adverse
78	A12 (north of B1121)	1041	1098	5%	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	53	51	-5%	Very Low	High	Minor Adverse
83	A145 west of A12	207	235	14%	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	282	318	13%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Table 1.6: Severance 2028 Total Traffic Representative Hour (07:00 – 08:00) – Busiest Day

Link number	Link name	2028 reference case (total traffic in the hour)	2028 reference case + Sizewell (busiest) total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	353	402	14%	Very Low	Very Low	Negligible
4a	B1122 (S)	228	544	139%	High	Medium	Major Adverse
4c	B1122 (N)	515	863	68%	Medium	Medium	Moderate Adverse
5	B1122 Abbey Road (existing level crossing)	256	573	124%	High	Medium	Major Adverse
6	B1119 Saxmundham Road	278	331	19%	Very Low	High	Minor Adverse
9b	Snape Road	324	388	20%	Very Low	High	Minor Adverse
10	B1122 through Theberton	513	48	-91%	Medium	Medium	Moderate Beneficial
10A	Theberton Bypass	0	684	6836866%	High	Medium	Major Adverse
11	B1125 through Westleton	242	253	5%	Very Low	High	Minor Adverse
12a	B1121 (N)	306	312	2%	Very Low	Low	Negligible
12b	B1119 (E)	296	333	12%	Very Low	High	Minor Adverse
13a	A12 (N)	1082	1175	9%	Very Low	Low	Negligible
13b	B1122	342	376	10%	Very Low	Low	Negligible
13d	A1120	296	334	13%	Very Low	High	Minor Adverse
16	A12 Wrentham	776	904	16%	Very Low	High	Minor Adverse
17a	A12 (N)	858	1027	20%	Very Low	Medium	Minor Adverse
17c	A12 (S)	664	832	25%	Very Low	Very Low	Negligible
19b	A12 (N)	1167	1165	0%	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	856	939	10%	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic in the hour)	2028 reference case + Sizewell (busiest) total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
21c	A12 (middle)	981	1059	8%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	981	1057	8%	Very Low	Medium	Minor Adverse
22a	A12 (N)	1133	1218	8%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	1517	25	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	1514	20	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	1584	15839859%	High	Medium	Major Adverse
24	A12 Stratford St Andrew	1511	18	-99%	High	Medium	Major Beneficial
25	A12 Little Glemham	1511	1602	6%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1546	1641	6%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1727	1899	10%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	102	114	12%	Very Low	Very Low	Negligible
32a	A12 (N)	1804	1968	9%	Very Low	Very Low	Negligible
32c	A12 (S)	3048	3217	6%	Very Low	Medium	Minor Adverse
33	A12 south of Woodbridge	3547	3662	3%	Very Low	Very Low	Negligible
34a	A12 (N)	3701	3821	3%	Very Low	Very Low	Negligible
34b	Main Road (E)	419	417	0%	Very Low	High	Minor Adverse
34c	A12 (S)	2598	2694	4%	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	3048	3217	6%	Very Low	Very Low	Negligible
41	B1125 through Middleton	204	238	17%	Very Low	Low	Negligible
53a	A144 (west of A12)	408	466	14%	Very Low	High	Minor Adverse
53b	A12 (north of A144)	689	862	25%	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic in the hour)	2028 reference case + Sizewell (busiest) total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
57	SLR (east of A12)	0	156	1559859%	High	Medium	Major Adverse
59	A12 (south of SLR)	813	937	15%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	508	5076866%	High	Medium	Major Adverse
64	B1122 north of SZC access	513	714	39%	Low	Medium	Minor Adverse
65	Middleton Moor Link	0	359	3586908%	High	Medium	Major Adverse
66	B1122 west of B1125	300	9	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	506	5056866%	High	Very Low	Minor Adverse
68	Darsham P&R	0	291	2909900%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	217	2169900%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	102	316	210%	High	Very Low	Minor Adverse
73	B1078 south of B1116	589	701	19%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	342	24	-93%	High	Medium	Major Beneficial
75	Lovers Lane	357	407	14%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	475	572	20%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	297	449	51%	Low	Medium	Minor Adverse
78	A12 (north of B1121)	1041	1116	7%	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	53	51	-5%	Very Low	High	Minor Adverse
83	A145 west of A12	207	236	14%	Very Low	High	Minor Adverse
84	A12 south of B1126	709	841	19%	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic in the hour)	2028 reference case + Sizewell (busiest) total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
86	A12 south of B1387	697	861	23%	Very Low	Very Low	Negligible
87	A12 south of Eagle Way/Anson Rd roundabout	3151	3266	4%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	2601	2707	4%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	282	318	13%	Very Low	High	Minor Adverse

Table 1.7: Severance 2034 24 hr AAWT Total Traffic

Link number	Link name	2034 reference case 24 hr AAWT total traffic	2034 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
10	B1122 through Theberton	6397	414	-94%	High	Medium	Major beneficial
10A	Theberton Bypass	0	7017	70174295%	High	Medium	Major adverse
22c	A12 (S) (Farnham)	23149	545	-98%	High	Medium	Major beneficial
23	A12 Farnham Bend	23166	287	-99%	High	Medium	Major beneficial
23A	A12 Two Village Bypass	0	22511	225106608%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	22525	424	-98%	High	Medium	Major beneficial
57	Sizewell Link Road (east of A12)	0	1408	14079759%	High	Medium	Major adverse
63	Theberton Bypass (west of B1125)	0	5102	51021604%	High	Medium	Major adverse
65	Middleton Moor Link	0	3834	38337626%	High	Medium	Major adverse
66	B1122 west of B1125	3728	92	-98%	High	Medium	Major beneficial
67	Main Site Access	0	1617	16166118%	High	Very Low	Minor adverse
74	B1122 (Middleton Moor)	4489	370	-92%	High	Medium	Major beneficial

NOT PROTECTIVELY MARKED

Table 1.8: Severance 2034 Total Traffic Representative Hour (16:00 – 17:00)

Link number	Link name	2034 reference case total traffic in the hour	2034 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
10	B1122 through Theberton	535	43	-92%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	694	6939900%	High	Medium	Major Adverse
22c	A12 (S) (Farnham)	2039	23	-99%	High	Medium	Major Beneficial
23	A12 Farnham Bend	2040	23	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	2099	20989900%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	2041	26	-99%	High	Medium	Major Beneficial
57	Sizewell Link Road (east of A12)	0	118	1179900%	High	Medium	Major Adverse
63	Theberton Bypass (west of B1125)	0	439	4389900%	High	Medium	Major Adverse
65	Middleton Moor Link	0	333	3329900%	High	Medium	Major Adverse
66	B1122 west of B1125	316	13	-96%	High	Medium	Major Beneficial
67	Main Site Access	0	658	6579900%	High	Very Low	Minor Adverse
74	B1122 (Middleton Moor)	374	30	-92%	High	Medium	Major Beneficial

1.2 Pedestrian Delay

Table 1.9: Pedestrian Delay 2023 24 AAWT Total Traffic

Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
1	Sizewell Gap	7034	293	1.65	7748	323	1.73	0.08	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	3246	135	1.34	4746	198	1.44	0.09	Very Low	Very Low	Negligible
4b	Lovers Lane	3294	137	1.35	4567	190	1.42	0.08	Very Low	Very Low	Negligible
4c	B1122 (N)	6047	252	1.55	7681	320	1.73	0.18	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	4824	201	1.44	5287	220	1.48	0.04	Very Low	High	Minor adverse
10	B1122 through Theberton	6037	252	1.55	7671	320	1.72	0.18	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2724	113	1.32	3262	136	1.34	0.03	Very Low	High	Minor adverse
12c	B1121 (S)	5465	228	1.50	6049	252	1.55	0.05	Very Low	Medium	Minor adverse
13b	B1122	4150	173	1.40	5261	219	1.48	0.08	Very Low	Low	Negligible
13c	A12 (middle)	15675	653	3.20	17042	710	3.55	0.35	Very Low	Low	Negligible
13d	A1120	4109	171	1.39	4580	191	1.43	0.03	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
13e	A12 (S)	12137	506	2.42	13238	552	2.64	0.22	Very Low	Medium	Minor adverse
17b	B1125	1841	77	1.29	2327	97	1.30	0.02	Very Low	High	Minor adverse
21b	A12 (north of B1119)	12614	526	2.51	13826	576	2.77	0.25	Very Low	Medium	Minor adverse
21c	A12 (middle)	14850	619	3.00	16081	670	3.30	0.30	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	14214	592	2.85	15127	630	3.06	0.21	Very Low	Medium	Minor adverse
22a	A12 (N)	15748	656	3.21	17152	715	3.58	0.36	Very Low	Very Low	Negligible
22b	A1094	8539	356	1.83	9223	384	1.93	0.10	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	20922	872	4.71	22657	944	5.31	0.60	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	20932	872	4.71	22661	944	5.31	0.59	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	20301	846	4.51	22023	918	5.08	0.57	Very Low	Medium	Minor adverse
25	A12 Little Glemham	20301	846	4.51	22023	918	5.08	0.57	Very Low	Medium	Minor adverse
26	A12 Marlesford	20914	871	4.71	22626	943	5.30	0.59	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	26269	1095	6.70	27581	1149	7.26	0.56	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
32a	A12 (N)	26244	1093	6.69	27439	1143	7.19	0.51	Very Low	Very Low	Negligible
32c	A12 (S)	42252	1760	15.33	43239	1802	16.00	0.67	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	38523	1605	12.96	38918	1622	13.20	0.24	Very Low	Very Low	Negligible
34a	A12 (N)	40472	1686	14.17	41046	1710	14.54	0.37	Very Low	Very Low	Negligible
34c	A12 (S)	43138	1797	15.93	43483	1812	16.16	0.24	Very Low	Very Low	Negligible
38b	A12 Woodbridge n/o B1079	42252	1760	15.33	43239	1802	16.00	0.67	Very Low	Very Low	Negligible
58	A12 (north of SLR)	12079	503	2.41	13166	549	2.63	0.22	Very Low	Very Low	Negligible
59	A12 (south of SLR)	12079	503	2.41	13373	557	2.67	0.26	Very Low	Very Low	Negligible
64	B1122 north of SZC access	6037	252	1.55	7671	320	1.72	0.18	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3496	146	1.36	4589	191	1.43	0.07	Very Low	Medium	Minor adverse
67	Main Site Access	0	0	1.26	792	33	1.26	0.00	No change	Very Low	Negligible
68	Darsham P&R	0	0	1.26	282	12	1.26	0.00	No change	Very Low	Negligible
69	Wickham Market P&R	0	0	1.26	225	9	1.26	0.00	No change	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
70	A12 on-slip (west of WM P&R)	2086	87	1.29	2408	100	1.31	0.01	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	4150	173	1.40	5237	218	1.48	0.08	Very Low	Medium	Minor adverse
75	Lovers Lane	3294	137	1.35	4787	199	1.44	0.10	Very Low	Very Low	Negligible
78	A12 (north of B1121)	14288	595	2.87	15229	635	3.09	0.22	Very Low	Medium	Minor adverse
87	A12 south of Eagle Way/Anson Rd roundabout	46079	1920	18.00	46500	1938	18.30	0.31	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	37975	1582	12.63	38637	1610	13.03	0.40	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4255	177	1.40	4728	197	1.44	0.03	Very Low	High	Minor adverse

Table 1.10: Pedestrian Delay 2023 Total Traffic Representative Hour (07:00 – 08:00)

Link number	Link name	2023 reference case (total traffic)		2023 reference case + Sizewell		Mean Pedestrian Delay change (seconds)	Magnitude	Sensitivity	Effect Significance
		Average vehicle per hour	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
1	Sizewell Gap	694	3.45	786	4.06	0.62	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	348	1.81	581	2.79	0.98	Very Low	Very Low	Negligible
4b	Lovers Lane	351	1.82	556	2.66	0.84	Very Low	Very Low	Negligible
4c	B1122 (N)	503	2.41	777	4.00	1.59	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	263	1.57	344	1.80	0.22	Very Low	High	Minor adverse
10	B1122 through Theberton	503	2.41	799	4.16	1.75	Very Low	Medium	Minor adverse
11	B1125 through Westleton	235	1.51	378	1.91	0.40	Very Low	High	Minor adverse
12c	B1121 (S)	223	1.49	291	1.64	0.16	Very Low	Medium	Minor adverse
13b	B1122	334	1.77	489	2.35	0.58	Very Low	Low	Negligible
13c	A12 (middle)	1014	5.93	1260	8.47	2.54	Very Low	Low	Negligible
13d	A1120	287	1.63	396	1.97	0.34	Very Low	High	Minor adverse
13e	A12 (S)	795	4.13	994	5.75	1.62	Very Low	Medium	Minor adverse
17b	B1125	191	1.43	321	1.73	0.30	Very Low	High	Minor adverse
21b	A12 (north of B1119)	823	4.34	1029	6.07	1.73	Very Low	Medium	Minor adverse
21c	A12 (middle)	944	5.31	1153	7.30	1.99	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	928	5.17	1120	6.95	1.78	Very Low	Medium	Minor adverse
22a	A12 (N)	1073	6.49	1315	9.11	2.63	Very Low	Very Low	Negligible
22b	A1094	642	3.13	806	4.21	1.08	Very Low	Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case (total traffic)		2023 reference case + Sizewell		Mean Pedestrian Delay change (seconds)	Magnitude	Sensitivity	Effect Significance
		Average vehicle per hour	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
22c	A12 (S) (Farnham)	1442	10.70	1757	15.27	4.57	Low	Medium	Minor adverse
23	A12 Farnham Bend	1439	10.66	1753	15.21	4.55	Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	1435	10.61	1748	15.13	4.52	Low	Medium	Minor adverse
25	A12 Little Glemham	1435	10.61	1748	15.13	4.52	Low	Medium	Minor adverse
26	A12 Marlesford	1472	11.10	1783	15.69	4.59	Low	Medium	Minor adverse
27	A12 south of Wickham Market	1663	13.82	1906	17.75	3.94	Very Low	Medium	Minor adverse
32a	A12 (N)	1746	15.10	1977	19.00	3.90	Very Low	Very Low	Negligible
32c	A12 (S)	2940	40.50	3176	47.05	6.55	Low	Medium	Minor adverse
33	A12 south of Woodbridge	3469	55.89	3643	61.51	5.62	Low	Very Low	Negligible
34a	A12 (N)	3561	58.83	3727	64.33	5.50	Low	Very Low	Negligible
34c	A12 (S)	2463	28.80	2573	31.31	2.51	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	2940	40.50	3176	47.05	6.55	Low	Very Low	Negligible
58	A12 (north of SLR)	784	4.05	979	5.61	1.56	Very Low	Very Low	Negligible
59	A12 (south of SLR)	784	4.05	1010	5.89	1.84	Very Low	Very Low	Negligible
64	B1122 north of SZC access	503	2.41	799	4.16	1.75	Very Low	Medium	Minor adverse
66	B1122 west of B1125	294	1.65	447	2.17	0.51	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case (total traffic)		2023 reference case + Sizewell		Mean Pedestrian Delay change (seconds)	Magnitude	Sensitivity	Effect Significance
		Average vehicle per hour	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
67	Main Site Access	0	1.26	162	1.38	0.12	Very Low	Very Low	Negligible
68	Darsham P&R	0	1.26	85	1.29	0.03	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	1.26	64	1.28	0.02	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	92	1.30	188	1.42	0.12	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	334	1.77	487	2.34	0.57	Very Low	Medium	Minor adverse
75	Lovers Lane	351	1.82	582	2.80	0.98	Very Low	Very Low	Negligible
78	A12 (north of B1121)	952	5.37	1155	7.31	1.94	Very Low	Medium	Minor adverse
87	A12 south of Eagle Way/Anson Rd roundabout	2982	41.63	3111	45.20	3.57	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	2508	29.82	2631	32.69	2.87	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	273	1.60	380	1.92	0.32	Very Low	High	Minor adverse

Table 1.11: Pedestrian Delay 2028 24 AAWT Total Traffic – Typical Day

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
3	Lovers Lane (LEEIE)	3371	140	1.35	3975	166	1.38	0.03	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	155	1.37	7017	292	1.65	0.28	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	258	1.56	9956	415	2.04	0.48	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	206	1.45	8278	345	1.80	0.35	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	218	1.48	5963	248	1.54	0.06	Very Low	High	Minor adverse
9b	Snape Road	5675	236	1.51	6270	261	1.57	0.06	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	258	1.56	523	22	1.26	-0.30	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	0	1.26	8536	356	1.83	0.57	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2823	118	1.32	3104	129	1.34	0.01	Very Low	High	Minor adverse
12a	B1121 (N)	5645	235	1.51	5770	240	1.52	0.01	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	227	1.49	5961	248	1.54	0.05	Very Low	High	Minor adverse
13a	A12 (N)	15874	661	3.25	16828	701	3.49	0.25	Very Low	Low	Negligible
13b	B1122	4288	179	1.40	4545	189	1.42	0.02	Very Low	Low	Negligible
13d	A1120	4345	181	1.41	4910	205	1.45	0.04	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
16	A12 Wrentham	10198	425	2.08	11375	474	2.28	0.20	Very Low	High	Minor adverse
19b	A12 (N)	14482	603	2.91	14553	606	2.93	0.02	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	550	2.64	14066	586	2.82	0.18	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	651	3.18	16397	683	3.38	0.20	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	634	3.09	15862	661	3.24	0.16	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	694	3.45	17912	746	3.79	0.34	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	915	5.06	546	23	1.26	-3.80	Very Low	Medium	Minor beneficial
23	A12 Farnham Bend	21968	915	5.06	275	11	1.26	-3.80	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	1.26	22446	935	5.23	3.97	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	21333	889	4.85	436	18	1.26	-3.59	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	21333	889	4.85	22712	946	5.33	0.48	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	915	5.06	23343	973	5.55	0.50	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	1145	7.21	29553	1231	8.14	0.93	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	92	1.30	2384	99	1.30	0.01	Very Low	Very Low	Negligible
32a	A12 (N)	27448	1144	7.20	29340	1222	8.04	0.85	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
33	A12 south of Woodbridge	39427	1643	13.51	40207	1675	14.00	0.49	Very Low	Very Low	Negligible
34a	A12 (N)	42247	1760	15.33	43349	1806	16.07	0.74	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	290	1.64	7216	301	1.67	0.03	Very Low	High	Minor adverse
41	B1125 through Middleton	2184	91	1.30	2861	119	1.32	0.03	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	192	1.43	5321	222	1.48	0.06	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	0	1.26	2359	98	1.30	0.04	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	12577	524	2.51	14008	584	2.81	0.30	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	0	1.26	6531	272	1.60	0.34	Very Low	Medium	Minor adverse
64	B1122 north of SZC access	6187	258	1.56	8768	365	1.87	0.30	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	0	1.26	4317	180	1.41	0.15	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3588	150	1.36	122	5	1.26	-0.10	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	1.26	5482	228	1.50	0.24	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	1.26	2563	107	1.31	0.05	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	1.26	2277	95	1.30	0.04	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
70	A12 on-slip (west of WM P&R)	2215	92	1.30	4667	194	1.43	0.13	Very Low	Very Low	Negligible
73	B1078 south of B1116	10208	425	2.08	11679	487	2.34	0.25	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	179	1.40	366	15	1.26	-0.14	Very Low	Medium	Minor beneficial
75	Lovers Lane	3423	143	1.35	4025	168	1.39	0.04	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	238	1.52	6650	277	1.61	0.09	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	208	1.46	6419	267	1.58	0.13	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	652	3.19	16271	678	3.35	0.16	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	34	1.27	938	39	1.27	0.00	Very Low	High	Minor adverse
83	A145 west of A12	2914	121	1.33	3365	140	1.35	0.02	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	187	1.42	5024	209	1.46	0.04	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.12: Pedestrian Delay 2028 24 AAWT Total Traffic – Busiest Day

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
3	Lovers Lane (LEEIE)	3371	140	1.35	3961	165	1.38	0.03	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	155	1.37	7023	293	1.65	0.28	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	258	1.56	9939	414	2.04	0.48	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	206	1.45	8278	345	1.80	0.35	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	218	1.48	5987	249	1.54	0.07	Very Low	High	Minor adverse
9b	Snape Road	5675	236	1.51	6278	262	1.57	0.06	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	258	1.56	541	23	1.26	-0.30	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	0	1.26	8852	369	1.88	0.62	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
11	B1125 through Westleton	2823	118	1.32	3104	129	1.34	0.01	Very Low	High	Minor adverse
12a	B1121 (N)	5645	235	1.51	5813	242	1.53	0.02	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	227	1.49	5981	249	1.54	0.05	Very Low	High	Minor adverse
13a	A12 (N)	15874	661	3.25	16826	701	3.49	0.25	Very Low	Low	Negligible
13b	B1122	4288	179	1.40	4603	192	1.43	0.02	Very Low	Low	Negligible
13d	A1120	4345	181	1.41	4932	206	1.45	0.04	Very Low	High	Minor adverse
16	A12 Wrentham	10198	425	2.08	11386	474	2.28	0.20	Very Low	High	Minor adverse
17a	A12 (N)	11339	472	2.27	13109	546	2.61	0.34	Very Low	Medium	Minor adverse
17c	B1125	9456	394	1.96	11077	462	2.23	0.26	Very Low	Very Low	Negligible
19b	A12 (N)	14482	603	2.91	14571	607	2.93	0.02	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	550	2.64	14298	596	2.87	0.24	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
21c	A12 (middle)	15622	651	3.18	16639	693	3.44	0.26	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	634	3.09	16059	669	3.29	0.21	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	694	3.45	18111	755	3.85	0.40	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	915	5.06	546	23	1.26	-3.80	Very Low	Medium	Minor beneficial
23	A12 Farnham Bend	21968	915	5.06	275	11	1.26	-3.80	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	1.26	22625	943	5.29	4.03	Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	21333	889	4.85	436	18	1.26	-3.59	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	21333	889	4.85	22893	954	5.39	0.54	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	915	5.06	23522	980	5.62	0.56	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	1145	7.21	29683	1237	8.20	0.99	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
29	B1078 onslip to A12	2215	92	1.30	2382	99	1.30	0.01	Very Low	Very Low	Negligible
32a	A12 (N)	27448	1144	7.20	29437	1227	8.09	0.89	Very Low	Very Low	Negligible
32c	A12 (S)	43491	1812	16.17	45112	1880	17.30	1.13	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	39427	1643	13.51	40086	1670	13.93	0.41	Very Low	Very Low	Negligible
34a	A12 (N)	42247	1760	15.33	43282	1803	16.03	0.70	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	290	1.64	7302	304	1.68	0.04	Very Low	High	Minor adverse
34c	A12 (S)	45170	1882	17.34	45919	1913	17.88	0.54	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	43491	1812	16.17	45112	1800	17.30	1.13	Very Low	Very Low	Negligible
41	B1125 through Middleton	2184	91	1.30	2854	119	1.32	0.03	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	192	1.43	5317	222	1.48	0.05	Very Low	High	Minor adverse
53b	A12 north of A144	10158	423	2.07	11856	494	2.37	0.29	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
57	SLR (east of A12)	0	0	1.26	2633	110	1.31	0.05	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	12577	524	2.51	14210	592	2.85	0.34	Very Low	Very Low	Negligible
63	SLR (west of B1125)	0	0	1.26	6859	286	1.63	0.37	Very Low	Medium	Minor adverse
64	B1122 north of SZC access	6187	258	1.56	9099	379	1.91	0.35	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	0	1.26	4373	182	1.41	0.15	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3588	150	1.36	122	5	1.26	-0.10	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	1.26	5830	243	1.53	0.27	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	1.26	2563	107	1.31	0.05	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	1.26	2262	94	1.30	0.04	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	2215	92	1.30	4650	194	1.43	0.13	Very Low	Very Low	Negligible
73	B1078 south of B1116	10208	425	2.08	11665	486	2.33	0.25	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
74	B1122 (Middleton Moor)	4288	179	1.40	372	15	1.26	-0.14	Very Low	Medium	Minor beneficial
75	Lovers Lane	3423	143	1.35	4011	167	1.39	0.03	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	238	1.52	6644	277	1.61	0.09	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	208	1.46	6417	267	1.58	0.13	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	652	3.19	16462	686	3.40	0.21	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	34	1.27	950	40	1.27	0.00	Very Low	High	Minor adverse
83	A145 west of A12	2914	121	1.33	3362	140	1.35	0.02	Very Low	High	Minor adverse
84	A12 south of B1126	9142	381	1.92	10364	432	2.11	0.19	Very Low	Very Low	Negligible
86	A12 south of B1079	9915	413	2.03	11499	479	2.30	0.27	Very Low	Very Low	Negligible
87	A12 south of Eagle Way	48801	2033	20.03	49629	2068	20.67	0.64	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
88	A12 south of Foxhall Road	39693	1654	13.68	40637	1693	14.28	0.60	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4489	187	1.42	5050	210	1.46	0.04	Very Low	High	Minor adverse

Table 1.13: Pedestrian Delay 2028 Total Traffic Representative Hour (07:00 – 08:00) – Typical Day

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (typical)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	2028 ref + Sizewell	Mean Pedestrian Delay (seconds)				
3	Lovers Lane (LEEIE)	353	1.83	402	1.99	0.17	Very Low	Very Low	Negligible
4a	B1122 (S)	228	1.50	544	2.60	1.11	Very Low	Medium	Minor Adverse
4c	B1122 (N)	515	2.46	863	4.64	2.18	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	256	1.56	573	2.75	1.19	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	278	1.61	331	1.76	0.15	Very Low	High	Minor Adverse
9b	Snape Road	324	1.74	388	1.94	0.21	Very Low	High	Minor Adverse
10	B1122 through Theberton	513	2.45	40	1.27	-1.19	Very Low	Medium	Minor Beneficial
10A	Theberton Bypass	0	1.26	668	3.29	2.03	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	242	1.53	253	1.55	0.02	Very Low	High	Minor Adverse
12a	B1121 (N)	306	1.69	312	1.70	0.02	Very Low	Medium	Minor Adverse
12b	B1119 (E)	296	1.66	333	1.76	0.11	Very Low	High	Minor Adverse
13a	A12 (N)	1082	6.58	1172	7.50	0.92	Very Low	Low	Negligible
13b	B1122	342	1.79	372	1.89	0.10	Very Low	Low	Negligible
13d	A1120	296	1.66	334	1.77	0.11	Very Low	High	Minor Adverse
16	A12 Wrentham	776	3.99	901	4.95	0.95	Very Low	High	Minor Adverse
19b	A12 (N)	1167	7.44	1163	7.40	-0.04	Very Low	High	Minor Beneficial
21b	A12 (north of B1119)	856	4.59	922	5.12	0.53	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (typical)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	2028 ref + Sizewell	Mean Pedestrian Delay (seconds)				
21c	A12 (middle)	981	5.63	1041	6.18	0.55	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	981	5.63	1038	6.15	0.52	Very Low	Medium	Minor Adverse
22a	A12 (N)	1133	7.09	1200	7.80	0.71	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	1517	11.71	25	1.26	-10.45	Medium	Medium	Moderate Beneficial
23	A12 Farnham Bend	1514	11.67	20	1.26	-10.40	Medium	Medium	Moderate Beneficial
23A	A12 Two Village Bypass	0	1.26	1566	12.39	11.13	Medium	Medium	Moderate Adverse
24	A12 Stratford St Andrew (Low Road)	1511	11.63	18	1.26	-10.36	Medium	Medium	Moderate Beneficial
25	A12 Little Glemham	1511	11.63	1583	12.63	1.01	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1546	12.11	1622	13.20	1.09	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1727	14.80	1894	17.54	2.74	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	102	1.31	112	1.32	0.01	Very Low	Very Low	Negligible
32a	A12 (N)	1804	16.04	1964	18.77	2.73	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	3547	58.38	3661	62.10	3.72	Very Low	Very Low	Negligible
34a	A12 (N)	3701	63.45	3809	67.14	3.69	Very Low	Very Low	Negligible
34b	Main Road (E)	419	2.06	412	2.03	-0.03	Very Low	High	Minor Beneficial
41	B1125 through Middleton	204	1.45	238	1.52	0.07	Very Low	Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (typical)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	2028 ref + Sizewell	Mean Pedestrian Delay (seconds)				
53a	A144 (west of A12)	408	2.02	467	2.25	0.23	Very Low	High	Minor Adverse
57	SLR (east of A12)	0	1.26	136	1.34	0.08	Very Low	Medium	Minor
59	A12 (south of SLR)	813	4.26	918	5.09	0.82	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	1.26	484	2.32	1.06	Very Low	Medium	Minor Adverse
64	B1122 north of SZC access	513	2.45	690	3.42	0.97	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	1.26	355	1.83	0.57	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	300	1.67	9	1.26	-0.41	Very Low	Medium	Minor Beneficial
67	Main Site Access	0	1.26	483	2.32	1.06	Very Low	Very Low	Negligible
68	Darsham P&R	0	1.26	291	1.64	0.38	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	1.26	224	1.49	0.23	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	102	1.31	321	1.73	0.42	Very Low	Very Low	Negligible
73	B1078 south of B1116	589	2.84	711	3.56	0.72	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	342	1.79	24	1.26	-0.53	Very Low	Medium	Minor Beneficial
75	Lovers Lane	357	1.84	407	2.01	0.17	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	475	2.28	572	2.75	0.46	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (typical)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	2028 ref + Sizewell	Mean Pedestrian Delay (seconds)				
77	Aldeburgh Rd (north of Aldringham Lane)	297	1.66	449	2.17	0.51	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	1041	6.18	1098	6.73	0.55	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	53	1.27	51	1.27	0.00	Very Low	High	Minor Adverse
83	A145 west of A12	207	1.45	235	1.51	0.06	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	282	1.62	318	1.72	0.10	Very Low	High	Minor Adverse

Table 1.14: Pedestrian Delay 2028 – Total Traffic Representative Hour (07:00 – 08:00) – Busiest Day

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (busiest)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
3	Lovers Lane (LEEIE)	353	1.83	402	1.99	0.17	Very Low	Very Low	Negligible
4a	B1122 (S)	228	1.50	544	2.60	1.11	Very Low	Medium	Minor Adverse
4c	B1122 (N)	515	2.46	863	4.64	2.18	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	256	1.56	573	2.75	1.19	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	278	1.61	331	1.76	0.15	Very Low	High	Minor Adverse
9b	Snape Road	324	1.74	388	1.94	0.21	Very Low	High	Minor Adverse
10	B1122 through Theberton	513	2.45	48	1.27	-1.18	Very Low	Medium	Minor Beneficial
10A	Theberton Bypass	0	1.26	684	3.38	2.12	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	242	1.53	253	1.55	0.02	Very Low	High	Minor Adverse
12a	B1121 (N)	306	1.69	312	1.70	0.02	Very Low	Medium	Minor Adverse
12b	B1119 (E)	296	1.66	333	1.76	0.11	Very Low	High	Minor Adverse
13a	A12 (N)	1082	6.58	1175	7.52	0.95	Very Low	Low	Negligible
13b	B1122	342	1.79	376	1.90	0.11	Very Low	Low	Negligible
13d	A1120	296	1.66	334	1.77	0.11	Very Low	High	Minor Adverse
16	A12 Wrentham	776	3.99	904	4.97	0.97	Very Low	High	Minor Adverse
17a	A12 (N)	858	4.60	1027	6.05	1.44	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (busiest)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
17c	A12 (S)	664	3.26	832	4.40	1.14	Very Low	Very Low	Negligible
19b	A12 (N)	1167	7.44	1165	7.42	-0.03	Very Low	High	Minor Beneficial
21b	A12 (north of B1119)	856	4.59	939	5.26	0.68	Very Low	Medium	Minor Adverse
21c	A12 (middle)	981	5.63	1059	6.35	0.72	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	981	5.63	1057	6.33	0.70	Very Low	Medium	Minor Adverse
22a	A12 (N)	1133	7.09	1218	8.00	0.91	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	1517	11.71	25	1.26	-10.45	Medium	Medium	Moderate beneficial
23	A12 Farnham Bend	1514	11.67	20	1.26	-10.40	Medium	Medium	Moderate beneficial
23A	A12 Two Village Bypass	0	1.26	1584	12.65	11.39	Medium	Medium	Moderate adverse
24	A12 Stratford St Andrew (Low Road)	1511	11.63	18	1.26	-10.36	Medium	Medium	Moderate beneficial
25	A12 Little Glemham	1511	11.63	1602	12.91	1.28	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1546	12.11	1641	13.48	1.37	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1727	14.80	1899	17.63	2.83	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	102	1.31	114	1.32	0.01	Very Low	Very Low	Negligible
32a	A12 (N)	1804	16.04	1968	18.84	2.81	Very Low	Very Low	Negligible
32c	A12 (S)	3048	43.44	3217	48.24	4.80	Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (busiest)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
33	A12 south of Woodbridge	3547	58.38	3662	62.14	3.76	Very Low	Very Low	Negligible
34a	A12 (N)	3701	63.45	3821	67.56	4.11	Low	Very Low	Negligible
34b	Main Road (E)	419	2.06	417	2.05	-0.01	Very Low	High	Minor Beneficial
34c	A12 (S)	2598	31.90	2694	34.20	2.30	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	3048	43.44	3217	48.24	4.80	Low	Very Low	Negligible
41	B1125 through Middleton	204	1.45	238	1.52	0.07	Very Low	Low	Negligible
53a	A144 (west of A12)	408	2.02	466	2.25	0.23	Very Low	High	Minor Adverse
53b	A12 (north of A144)	689	3.42	862	4.63	1.22	Very Low	Very Low	Negligible
57	Sizewell Link Road (east of A12)	0	1.26	156	1.37	0.11	Very Low	Medium	Minor Adverse
59	A12 (south of SLR)	813	4.26	937	5.25	0.98	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	1.26	508	2.43	1.17	Very Low	Medium	Minor Adverse
64	B1122 north of SZC access	513	2.45	714	3.57	1.12	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	1.26	359	1.84	0.58	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	300	1.67	9	1.26	-0.41	Very Low	Medium	Minor Beneficial
67	Main Site Access	0	1.26	506	2.42	1.16	Very Low	Very Low	Negligible
68	Darsham P&R	0	1.26	291	1.64	0.38	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (busiest)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
69	Wickham Market P&R	0	1.26	217	1.47	0.21	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	102	1.31	316	1.71	0.41	Very Low	Very Low	Negligible
73	B1078 south of B1116	589	2.84	701	3.49	0.66	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	342	1.79	24	1.26	-0.53	Very Low	Medium	Minor Beneficial
75	Lovers Lane	357	1.84	407	2.01	0.17	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	475	2.28	572	2.75	0.46	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	297	1.66	449	2.17	0.51	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	1041	6.18	1116	6.91	0.73	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	53	1.27	51	1.27	0.00	Very Low	High	Minor Adverse
83	A145 west of A12	207	1.45	236	1.51	0.06	Very Low	High	Minor Adverse
84	A12 south of B1126	709	3.54	841	4.47	0.93	Very Low	Very Low	Negligible
86	A12 south of B1387	697	3.47	861	4.62	1.16	Very Low	Very Low	Negligible
87	A12 south of Eagle Way/Anson Rd roundabout	3151	46.34	3266	49.69	3.35	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	2601	31.97	2707	34.53	2.55	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)		2028 reference case + Sizewell (busiest)		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		2028 ref case (total vehicles)	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
90	A1120 Sibton (east of Mill Hill)	282	1.62	318	1.72	0.10	Very Low	High	Minor Adverse

Table 1.15: Pedestrian Delay 2034 24 Hour AAWT Total Traffic

Link number	Link name	2028 reference case (total traffic)			2034 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
10	B1122 through Theberton	6397	267	1.58	414	17	1.26	-0.32	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	0	1.26	7017	292	1.65	0.39	Very Low	Medium	Minor adverse
22c	A12 (S) (Farnham)	23149	965	5.48	545	23	1.26	-4.22	Low	Medium	Minor beneficial
23	A12 Farnham Bend	23166	965	5.49	287	12	1.26	-4.23	Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	1.26	22511	938	5.25	3.99	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	22525	939	5.26	424	18	1.26	-4.00	Low	Medium	Minor beneficial
57	Sizewell Link Road (east of A12)	0	0	1.26	1408	59	1.28	0.02	Very Low	Medium	Minor adverse
63	Theberton Bypass (west of B1125)	0	0	1.26	5102	213	1.47	0.21	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	0	1.26	3834	160	1.38	0.12	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3728	155	1.37	92	4	1.26	-0.11	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	1.26	1617	67	1.28	0.02	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	4489	187	1.42	370	15	1.26	-0.16	Very Low	Medium	Minor beneficial

Table 1.16: Pedestrian Delay 2034 Total Traffic Representative Hour (16:00 – 17:00)

Link number	Link name	2034 reference case (total traffic)		2034 reference case + Sizewell		Mean Pedestrians Delay Change (Seconds)	Magnitude	Sensitivity	Effect Significance
		Average vehicle per hour	Mean Pedestrian Delay (seconds)	Average vehicle per hour	Mean Pedestrian Delay (seconds)				
10	B1122 through Theberton	535	2.56	43	1.27	-1.29	Very Low	Medium	Minor Beneficial
10A	Theberton Bypass	0	1.26	694	3.45	2.19	Very Low	Medium	Minor Adverse
22c	A12 (S) (Farnham)	2039	20.14	23	1.26	-18.87	High	Medium	Major Beneficial
23	A12 Farnham Bend	2040	20.15	23	1.26	-18.89	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	1.26	2099	21.26	20.00	High	Medium	Major Adverse
24	A12 Stratford St Andrew	2041	20.17	26	1.26	-18.91	High	Medium	Major Beneficial
34b	Main Road (E)	758	3.87	751	3.82	-0.05	Very Low	High	Minor Beneficial
57	SLR (east of A12)	0	1.26	118	1.32	0.06	Very Low	Medium	Minor Adverse
63	SLR (west of B1125)	0	1.26	439	2.13	0.87	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	1.26	333	1.76	0.50	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	316	1.71	13	1.26	-0.45	Very Low	Medium	Minor Beneficial
67	Main Site Access	0	1.26	658	3.23	1.97	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	374	1.90	30	1.26	-0.63	Very Low	Medium	Minor Beneficial

1.3 Amenity

Table 1.17: Amenity 2023 24hr AAWT Total Traffic

Link number	Link name	2023 reference case 24 hr AAWT (total traffic)	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	7034	7748	10%	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	3246	4746	46%	Very Low	Very Low	Negligible
4b	Lovers Lane	3294	4567	39%	Very Low	Very Low	Negligible
4c	B1122 (N)	6047	7681	27%	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	4824	5287	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6037	7671	27%	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2724	3262	20%	Very Low	High	Minor adverse
12c	B1121 (S)	5465	6049	11%	Very Low	Medium	Minor adverse
13b	B1122	4150	5261	27%	Very Low	Low	Negligible
13c	A12 (middle)	15675	17042	9%	Very Low	Low	Negligible
13d	A1120	4109	4580	11%	Very Low	High	Minor adverse
13e	A12 (S)	12137	13238	9%	Very Low	Medium	Minor adverse
17b	B1125	1841	2327	26%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	12614	13826	10%	Very Low	Medium	Minor adverse
21c	A12 (middle)	14850	16081	8%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	14214	15127	6%	Very Low	Medium	Minor adverse
22a	A12 (N)	15748	17152	9%	Very Low	Very Low	Negligible
22b	A1094	8539	9223	8%	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	20922	22657	8%	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case 24 hr AAWT (total traffic)	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
23	A12 Farnham Bend	20932	22661	8%	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	20301	22023	8%	Very Low	Medium	Minor adverse
25	A12 Little Glemham	20301	22023	8%	Very Low	Medium	Minor adverse
26	A12 Marlesford	20914	22626	8%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	26269	27581	5%	Very Low	Medium	Minor adverse
32a	A12 (N)	26244	27439	5%	Very Low	Very Low	Negligible
32c	A12 (S)	42252	43239	2%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	38523	38918	1%	Very Low	Very Low	Negligible
34a	A12 (N)	40472	41046	1%	Very Low	Very Low	Negligible
34c	A12 (S)	43138	43483	1%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	42252	43239	2%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	12079	13166	9%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	12079	13373	11%	Very Low	Very Low	Negligible
64	B1122 north of SZC access	6037	7671	27%	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3496	4589	31%	Very Low	Medium	Minor adverse
67	Main Site Access	0	792	7922287%	High	Very Low	Minor adverse
68	Darsham P&R	0	282	2819900%	Medium	Very Low	Minor adverse
69	Wickham Market P&R	0	225	2249900%	Medium	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2086	2408	15%	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	4150	5237	26%	Very Low	Medium	Minor adverse
75	Lovers Lane	3294	4787	45%	Very Low	Very Low	Negligible
78	A12 (north of B1121)	14288	15229	7%	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case 24 hr AAWT (total traffic)	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
87	A12 south of Eagle Way/Anson Rd roundabout	46079	46500	1%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	37975	38637	2%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4255	4728	11%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.18: Amenity 2023 Total Traffic Representative hour (07:00 – 08:00)

Link number	Link name	2023 reference case total hours in the hour	2023 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	694	786	13.3%	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	348	581	67.0%	Very Low	Very Low	Negligible
4b	Lovers Lane	351	556	58.4%	Very Low	Very Low	Negligible
4c	B1122 (N)	503	777	54.5%	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	263	344	30.7%	Very Low	Low	Negligible
10	B1122 through Theberton	503	799	58.8%	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	235	378	60.9%	Very Low	High	Minor Adverse
12c	B1121 (S)	223	291	30.5%	Very Low	Medium	Minor Adverse
13b	B1122	334	489	46.4%	Very Low	Low	Negligible
13c	A12 (middle)	1014	1260	24.3%	Very Low	Low	Negligible
13d	A1120	287	396	38.0%	Very Low	High	Minor Adverse
13e	A12 (S)	795	994	25.0%	Very Low	Medium	Minor Adverse
17b	B1125	191	321	68.1%	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	823	1029	25.0%	Very Low	Medium	Minor Adverse
21c	A12 (middle)	944	1153	22.1%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	928	1120	20.7%	Very Low	Medium	Minor Adverse
22a	A12 (N)	1073	1315	22.6%	Very Low	Very Low	Negligible
22b	A1094	642	806	25.6%	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	1442	1757	21.8%	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case total hours in the hour	2023 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
23	A12 Farnham Bend	1439	1753	21.8%	Very Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	1435	1748	21.8%	Very Low	Medium	Minor Adverse
25	A12 Little Glemham	1435	1748	21.8%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1472	1783	21.1%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1663	1906	14.6%	Very Low	Medium	Minor Adverse
32a	A12 (N)	1746	1977	13.2%	Very Low	Very Low	Negligible
32c	A12 (S)	2940	3176	8.0%	Very Low	Medium	Minor Adverse
33	A12 south of Woodbridge	3469	3643	5.0%	Very Low	Very Low	Negligible
34a	A12 (N)	3561	3727	4.7%	Very Low	Very Low	Negligible
34c	A12 (S)	2463	2573	4.5%	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	2940	3176	8.0%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	784	979	24.9%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	784	1010	28.8%	Very Low	Very Low	Negligible
64	B1122 north of SZC access	503	799	58.8%	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	294	447	52.0%	Very Low	Medium	Minor Adverse
67	Main Site Access	0	162	1619900.0%	High	Very Low	Minor Adverse
68	Darsham P&R	0	85	849900.0%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	64	639900.0%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	92	188	104.8%	Low	Very Low	Negligible
74	B1122 (Middleton Moor)	334	487	45.8%	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case total hours in the hour	2023 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
75	Lovers Lane	351	582	65.8%	Very Low	Very Low	Negligible
78	A12 (north of B1121)	952	1155	21.3%	Very Low	Medium	Minor Adverse
87	A12 south of Eagle Way/Anson Rd roundabout	2982	3111	4.3%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	2508	2631	4.9%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	273	380	39.2%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Table 1.19: Amenity 2023 24hr AAWT HDVs

Link number	Link name	2023 reference case 24 hr AAWT HDVs	2023 reference case + Sizewell 24 hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	99	639	547%	High	Low	Moderate adverse
3	Lovers Lane (LEEIE)	85	905	965%	High	Very Low	Minor adverse
4b	Lovers Lane	87	687	689%	High	Very Low	Minor adverse
4c	B1122 (N)	212	812	284%	High	Medium	Major adverse
6	B1119 Saxmundham Road	62	62	0%	Very Low	High	Minor adverse
10	B1122 through Theberton	216	816	278%	High	Medium	Major adverse
11	B1125 through Westleton	81	81	0%	No change	High	Negligible
12c	B1121 (S)	177	177	0%	No change	Medium	Negligible
13b	B1122	177	801	352%	High	Low	Moderate adverse
13c	A12 (middle)	850	1465	72%	Very Low	Low	Negligible
13d	A1120	184	184	0%	No change	High	Negligible
13e	A12 (S)	721	1337	85%	Very Low	Medium	Minor adverse
17b	B1125	55	55	0%	No change	High	Negligible
21b	A12 (north of B1119)	674	1432	112%	Low	Medium	Minor adverse
21c	A12 (middle)	691	1449	110%	Low	Medium	Minor adverse
21e	A12 (south of B1119)	719	1475	105%	Low	Medium	Minor adverse
22a	A12 (N)	637	1390	118%	Medium	Very Low	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case 24 hr AAWT HDVs	2023 reference case + Sizewell 24 hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
22b	A1094	183	303	66%	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	915	1753	92%	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	915	1753	92%	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	905	1743	93%	Very Low	Medium	Minor adverse
25	A12 Little Glemham	905	1743	93%	Very Low	Medium	Minor adverse
26	A12 Marlesford	914	1749	91%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	1186	2049	73%	Very Low	Medium	Minor adverse
32a	A12 (N)	1190	2054	73%	Very Low	Very Low	Negligible
32c	A12 (S)	2249	3104	38%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	953	1802	89%	Very Low	Very Low	Negligible
34a	A12 (N)	1215	2070	70%	Very Low	Very Low	Negligible
34c	A12 (S)	2391	3248	36%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	2249	3104	38%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	713	1330	87%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	713	1470	106%	Low	Very Low	Negligible
64	B1122 north of SZC access	216	816	278%	High	Medium	Major adverse
66	B1122 west of B1125	165	765	363%	High	Medium	Major adverse
67	Main Site Access	0	0	0%	No change	Very Low	Negligible
68	Darsham P&R	0	0	0%	No change	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference case 24 hr AAWT HDVs	2023 reference case + Sizewell 24 hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
69	Wickham Market P&R	0	0	0%	No change	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	93	132	42%	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	177	777	339%	High	Medium	Major adverse
75	Lovers Lane	87	907	942%	High	Very Low	Minor adverse
78	A12 (north of B1121)	719	1475	105%	Low	Medium	Minor adverse
87	A12 south of Eagle Way/Anson Rd roundabout	2200	3059	39%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	2309	3165	37%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	194	194	0%	No change	High	Negligible

NOT PROTECTIVELY MARKED

Table 1.20: Amenity 2023 Representative Hour HGVs (07:00 – 08:00)

Link number	Link name	2023 reference cases in the hour	2023 reference case + Sizewell in the hour	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	4	50	1150.0%	High	Low	Moderate adverse
3	Lovers Lane (LEEIE)	2	72	3500.0%	High	Very Low	Minor adverse
4b	Lovers Lane	3	47	1466.7%	High	Very Low	Minor adverse
4c	B1122 (N)	10	54	440.0%	High	Medium	Major adverse
6	B1119 Saxmundham Road	11	11	0%	No change	High	Negligible
10	B1122 through Theberton	10	54	440.0%	High	Medium	Major adverse
11	B1125 through Westleton	1	1	0.0%	No change	High	Negligible
12c	B1121 (S)	12	12	-0.3%	Very Low	Medium	Minor beneficial
13b	B1122	12	58	383.3%	High	Low	Moderate adverse
13c	A12 (middle)	75	116	54.6%	Very Low	Low	Negligible
13d	A1120	14	14	0.0%	No change	High	Negligible
13e	A12 (S)	62	103	66.1%	Very Low	Medium	Minor adverse
17b	B1125	0	0	0.0%	No change	High	Negligible
21b	A12 (north of B1119)	61	112	83.6%	Very Low	Medium	Minor adverse
21c	A12 (middle)	63	114	81.0%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	64	115	79.4%	Very Low	Medium	Minor adverse
22a	A12 (N)	75	124	65.7%	Medium	Very Low	Minor adverse
22b	A1094	25	24	-2.2%	Very Low	Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference cases in the hour	2023 reference case + Sizewell in the hour	% change	Magnitude	Sensitivity	Effect Significance
22c	A12 (S) (Farnham)	79	129	63.1%	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	79	129	63.1%	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	79	129	63.1%	Very Low	Medium	Minor adverse
25	A12 Little Glemham	79	129	63.1%	Very Low	Medium	Minor adverse
26	A12 Marlesford	79	129	63.1%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	79	130	64.6%	Very Low	Medium	Minor adverse
32a	A12 (N)	88	139	58.0%	Very Low	Very Low	Negligible
32c	A12 (S)	145	196	35.2%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	202	253	25.2%	Very Low	Very Low	Negligible
34a	A12 (N)	253	301	19.1%	Very Low	Very Low	Negligible
34c	A12 (S)	196	247	25.8%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	145	196	35.2%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	61	102	67.2%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	61	112	83.6%	Very Low	Very Low	Negligible
64	B1122 north of SZC access	10	54	440.0%	High	Medium	Major adverse
66	B1122 west of B1125	12	56	366.7%	High	Medium	Major adverse
67	Main Site Access	0	0	0.0%	No change	Very Low	Negligible
68	Darsham P&R	0	2	19900.0%	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	0.0%	No change	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	6	6	7.5%	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2023 reference cases in the hour	2023 reference case + Sizewell in the hour	% change	Magnitude	Sensitivity	Effect Significance
74	B1122 (Middleton Moor)	12	56	366.7%	High	Medium	Major adverse
75	Lovers Lane	3	73	2333.3%	High	Very Low	Minor adverse
78	A12 (north of B1121)	64	115	79.4%	Very Low	Medium	Minor adverse
87	A12 south of Eagle Way/Anson Rd roundabout	182	233	28.0%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	197	248	25.9%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	14	14	0.0%	No change	High	Negligible

NOT PROTECTIVELY MARKED

Table 1.21: Amenity 2028 24hr AAWT Total Traffic – Typical Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (Typical)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3975	18%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7017	88%	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	9956	61%	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	5963	14%	Very Low	High	Minor adverse
9b	Snape Road	5675	6270	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	523	-92%	High	Medium	Major beneficial
10A	Theberton Bypass	0	8536	85357625%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5770	2%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5961	10%	Very Low	High	Minor adverse
13a	A12 (N)	15874	16828	6%	Very Low	Low	Negligible
13b	B1122	4288	4545	6%	Very Low	Low	Negligible
13d	A1120	4345	4910	13%	Very Low	High	Minor adverse
16	A12 Wrentham	10198	11375	12%	Very Low	High	Minor adverse
19b	A12 (N)	14482	14553	0.5%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	14066	6%	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (Typical)	% change	Magnitude	Sensitivity	Effect Significance
21c	A12 (middle)	15622	16397	5%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	15862	4%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	17912	7%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22446	224464179%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	22712	6%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23343	6%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29553	8%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2384	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29340	7%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	40207	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43349	3%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7216	4%	Very Low	High	Minor adverse
41	B1125 through Middleton	2184	2861	31%	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	5321	15%	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	2359	23593938%	High	Medium	Major adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (Typical)	% change	Magnitude	Sensitivity	Effect Significance
59	A12 (south of SLR)	12577	14008	11%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	6531	65311415%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	8768	42%	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	4317	43166618%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	Very Low	Medium	Major Beneficial
67	Main Site Access	0	5482	54822949%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2277	22768788%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4667	111%	High	Very Low	Minor adverse
73	B1078 south of B1116	10208	11679	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	366	-91%	High	Medium	Major beneficial
75	Lovers Lane	3423	4025	18%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6650	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6419	29%	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	16271	4%	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	938	16%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3365	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	5024	12%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.22: Amenity 2028 24hr AAWT Total Traffic – Busiest Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3961	17%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7023	88%	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	9939	60%	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	5987	15%	Very Low	High	Minor adverse
9b	Snape Road	5675	6278	11%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	541	-91%	High	Medium	Major beneficial
10A	Theberton Bypass	0	8852	88517967%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5813	3%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5981	10%	Very Low	High	Minor adverse
13a	A12 (N)	15874	16826	6%	Very Low	Low	Negligible
13b	B1122	4288	4603	7%	Very Low	Low	Negligible
13d	A1120	4345	4932	14%	Very Low	High	Minor adverse
16	A12 Wrentham	10198	11386	12%	Very Low	High	Minor adverse
17a	A12 (N)	11339	13109	16%	Very Low	Medium	Minor adverse
17c	A12 (S)	9456	11077	17%	Very Low	Very Low	Negligible
19b	A12 (N)	14482	14571	1%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
21b	A12 (north of B1119)	13212	14298	8%	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	16639	7%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	16059	5%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	18111	9%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22625	226252782%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	22893	7%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23522	7%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29683	8%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2382	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29437	7%	Very Low	Very Low	Negligible
32c	A12 (S)	43491	45112	4%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	39427	40086	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43282	2%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7302	5%	Very Low	High	Minor adverse
34c	A12 (S)	45170	45919	2%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	43491	45112	4%	Very Low	Very Low	Negligible
41	B1125 through Middleton	2184	2854	31%	Very Low	Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
53a	A144 (west of A12)	4617	5317	15%	Very Low	High	Minor adverse
53b	A12 (north of A144)	10158	11856	17%	Very Low	Very Low	Negligible
57	Sizewell Link Road (east of A12)	0	2633	26327361%	High	Medium	Major adverse
59	A12 (south of SLR)	12577	14210	13%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	6859	68585386%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	9099	47%	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	4373	43726616%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5830	58303376%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2262	22621526%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4650	110%	Low	Very Low	Minor adverse
73	B1078 south of B1116	10208	11665	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	372	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4011	17%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6644	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	16462	5%	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	950	18%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3362	15%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
84	A12 south of B1126	9142	10364	13%	Very Low	Very Low	Negligible
86	A12 south of B1387	9915	11499	16%	Very Low	Very Low	Negligible
87	A12 south of Eagle Way/Anson Rd roundabout	48801	49629	2%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	39693	40637	2%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.23: Amenity 2028 Total Traffic Representative hour (07:00 – 08:00) – Typical Day

Link number	Link name	2028 reference case total traffic in hour	2028 reference case + Sizewell (typical) total in hour	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	353	402	13.9%	Very Low	Very Low	Negligible
4a	B1122 (S)	228	544	138.6%	Medium	Medium	Moderate Adverse
4c	B1122 (N)	515	863	67.6%	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	256	573	123.8%	Medium	Medium	Moderate Adverse
6	B1119 Saxmundham Road	278	331	19.0%	Very Low	High	Minor Adverse
9b	Snape Road	324	388	19.7%	Very Low	High	Minor Adverse
10	B1122 through Theberton	513	40	-92.2%	High	Medium	Major beneficial
10A	Theberton Bypass	0	668	6679900.0%	High	Medium	Major Adverse
11	B1125 through Westleton	242	253	4.5%	Very Low	High	Minor Adverse
12a	B1121 (N)	306	312	1.9%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	296	333	12.4%	Very Low	High	Minor Adverse
13a	A12 (N)	1082	1172	8.3%	Very Low	Low	Negligible
13b	B1122	342	372	8.8%	Very Low	Low	Negligible
13d	A1120	296	334	12.8%	Very Low	High	Minor Adverse
16	A12 Wrentham	776	901	16.1%	Very Low	High	Minor Adverse
19b	A12 (N)	1167	1163	-0.3%	Very Low	High	Minor Beneficial
21b	A12 (north of B1119)	856	922	7.7%	Very Low	Medium	Minor Adverse
21c	A12 (middle)	981	1041	6.1%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	981	1038	5.8%	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case total traffic in hour	2028 reference case + Sizewell (typical) total in hour	% change	Magnitude	Sensitivity	Effect Significance
22a	A12 (N)	1133	1200	5.9%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	1517	25	-98.4%	High	Medium	Major Beneficial
23	A12 Farnham Bend	1514	20	-98.7%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	1566	15659900.0%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	1511	18	-98.8%	High	Medium	Major Beneficial
25	A12 Little Glemham	1511	1583	4.8%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1546	1622	4.9%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1727	1894	9.7%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	102	112	9.8%	Very Low	Very Low	Negligible
32a	A12 (N)	1804	1964	8.9%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	3547	3661	3.2%	Very Low	Very Low	Negligible
34a	A12 (N)	3701	3809	2.9%	Very Low	Very Low	Negligible
34b	Main Road (E)	419	412	-1.7%	Very Low	High	Minor Beneficial
41	B1125 through Middleton	204	238	16.7%	Very Low	Low	Negligible Adverse
53a	A144 (west of A12)	408	467	14.5%	Very Low	High	Minor Adverse
57	Sizewell Link Road (east of A12)	0	136	1359900.0%	High	Medium	Major Adverse
59	A12 (south of SLR)	813	918	12.9%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	484	4839900.0%	High	Medium	Major Adverse
64	B1122 north of SZC access	513	690	34.5%	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	355	3549900.0%	High	Medium	Major Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case total traffic in hour	2028 reference case + Sizewell (typical) total in hour	% change	Magnitude	Sensitivity	Effect Significance
66	B1122 west of B1125	300	9	-97.0%	High	Medium	Major Beneficial
67	Main Site Access	0	483	4829900.0%	High	Very Low	Minor Adverse
68	Darsham P&R	0	291	2909900.0%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	224	2239900.0%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	102	321	214.7%	High	Very Low	Minor Adverse
73	B1078 south of B1116	589	711	20.7%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	342	24	-93.0%	High	Medium	Major Beneficial
75	Lovers Lane	357	407	14.0%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	475	572	20.4%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	297	449	51.1%	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	1041	1098	5.5%	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	53	51	-4.7%	Very Low	High	Minor Beneficial
83	A145 west of A12	207	235	13.5%	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	282	318	12.8%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Table 1.24: Amenity 2028 Total Traffic Representative hour (07:00 – 08:00) – Busiest Day

Link number	Link name	2028 reference case total traffic in hour	2028 reference case + Sizewell (busiest) total in hour	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	353	402	13.9%	Very Low	Very Low	Negligible
4a	B1122 (S)	228	544	138.6%	Medium	Medium	Moderate Adverse
4c	B1122 (N)	515	863	67.6%	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	256	573	123.8%	Medium	Medium	Moderate Adverse
6	B1119 Saxmundham Road	278	331	19.0%	Very Low	High	Minor Adverse
9b	Snape Road	324	388	19.7%	Very Low	High	Minor Adverse
10	B1122 through Theberton	513	48	-90.6%	High	Medium	Major beneficial
10A	Theberton Bypass	0	684	6836866.5%	High	Medium	Major Adverse
11	B1125 through Westleton	242	253	4.5%	Very Low	High	Minor Adverse
12a	B1121 (N)	306	312	1.9%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	296	333	12.4%	Very Low	High	Minor Adverse
13a	A12 (N)	1082	1175	8.6%	Very Low	Low	Negligible
13b	B1122	342	376	9.9%	High	Low	Moderate adverse
13d	A1120	296	334	12.8%	Very Low	High	Minor Adverse
16	A12 Wrentham	776	904	16.4%	Very Low	High	Minor Adverse
17a	A12 (N)	858	1027	19.7%	Very Low	Medium	Minor Beneficial
17c	A12 (S)	664	832	25.3%	Very Low	Very Low	Negligible
19b	A12 (N)	1167	1165	-0.2%	Very Low	High	Minor Beneficial
21b	A12 (north of B1119)	856	939	9.7%	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case total traffic in hour	2028 reference case + Sizewell (busiest) total in hour	% change	Magnitude	Sensitivity	Effect Significance
21c	A12 (middle)	981	1059	8.0%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	981	1057	7.7%	Very Low	Medium	Minor Adverse
22a	A12 (N)	1133	1218	7.5%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	1517	25	-98.4%	High	Medium	Major Beneficial
23	A12 Farnham Bend	1514	20	-98.7%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	1584	15839858.9%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	1511	18	-98.8%	High	Medium	Major Beneficial
25	A12 Little Glemham	1511	1602	6.0%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	1546	1641	6.1%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1727	1899	9.9%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	102	114	11.8%	Very Low	Very Low	Negligible
32a	A12 (N)	1804	1968	9.1%	Very Low	Very Low	Negligible
32c	A12 (S)	3048	3217	5.5%	Very Low	Medium	Minor Adverse
33	A12 south of Woodbridge	3547	3662	3.2%	Very Low	Very Low	Negligible
34a	A12 (N)	3701	3821	3.2%	Very Low	Very Low	Negligible
34b	Main Road (E)	419	417	-0.6%	Very Low	High	Minor Beneficial
34c	A12 (S)	2598	2694	3.7%	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	3048	3217	5.5%	Very Low	Very Low	Negligible Adverse
41	B1125 through Middleton	204	238	16.7%	Very Low	Low	Negligible Adverse
53a	A144 (west of A12)	408	466	14.2%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case total traffic in hour	2028 reference case + Sizewell (busiest) total in hour	% change	Magnitude	Sensitivity	Effect Significance
53b	A12 (north of A144)	689	862	25.1%	Very Low	Very Low	Negligible
57	Sizewell Link Road (east of A12)	0	156	1559858.9%	High	Medium	Major Adverse
59	A12 (south of SLR)	813	937	15.2%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	508	5076866.5%	High	Medium	Major Adverse
64	B1122 north of SZC access	513	714	39.1%	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	359	3586907.6%	High	Medium	Major Adverse
66	B1122 west of B1125	300	9	-97.0%	High	Medium	Major Beneficial
67	Main Site Access	0	506	5056866.5%	High	Very Low	Minor Adverse
68	Darsham P&R	0	291	2909900.0%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	217	2169900.0%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	102	316	209.8%	High	Very Low	Minor Adverse
73	B1078 south of B1116	589	701	19.0%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	342	24	-93.0%	High	Medium	Major Beneficial
75	Lovers Lane	357	407	14.0%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	475	572	20.4%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	297	449	51.1%	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	1041	1116	7.2%	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	53	51	-4.7%	Very Low	High	Minor Beneficial
83	A145 west of A12	207	236	14.1%	Very Low	High	Minor Adverse
84	A12 south of B1126	709	841	18.6%	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case total traffic in hour	2028 reference case + Sizewell (busiest) total in hour	% change	Magnitude	Sensitivity	Effect Significance
86	A12 south of B1387	697	861	23.5%	Very Low	Very Low	Negligible
87	A12 south of Eagle Way/Anson Rd roundabout	3151	3266	3.6%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	2601	2707	4.1%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	282	318	12.8%	Very Low	High	Minor Adverse

Table 1.25: Amenity 2028 24hr AAWT HDVs – Typical Day

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (Typical) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	85	254	199%	Medium	Very Low	Minor adverse
4a	B1122 (S)	217	429	98%	Very Low	Medium	Minor adverse
4c	B1122 (N)	214	455	113%	Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	145	359	148%	Medium	Medium	Moderate adverse
6	B1119 Saxmundham Road	62	86	39%	Very Low	High	Minor adverse
9b	Snape Road	178	178	0%	No change	High	Negligible
10	B1122 through Theberton	218	0	-100%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	1758	17581412%	High	Medium	Major adverse
11	B1125 through Westleton	81	81	0%	No change	High	Negligible
12a	B1121 (N)	53	77	45%	Very Low	Medium	Minor adverse
12b	B1119 (E)	70	86	22%	Very Low	High	Minor adverse
13a	A12 (N)	908	1277	41%	Very Low	Low	Negligible
13b	B1122	177	500	182%	High	Low	Moderate adverse
13d	A1120	188	192	2%	Very Low	High	Minor adverse
16	A12 Wrentham	444	618	39%	Very Low	High	Minor adverse
19b	A12 (N)	210	310	48%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	686	1831	167%	High	Medium	Major adverse
21c	A12 (middle)	693	1838	165%	Medium	Medium	Moderate adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (Typical) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
21e	A12 (south of B1119)	721	1866	159%	Medium	Medium	Moderate adverse
22a	A12 (N)	639	1781	179%	Medium	Very Low	Minor adverse
22c	A12 (S) (Farnham)	923	58	-94%	High	Medium	Major Beneficial
23	A12 Farnham Bend	925	11	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	2036	20364397%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	919	44	-95%	High	Medium	Major Beneficial
25	A12 Little Glemham	919	2060	124%	Low	Medium	Minor adverse
26	A12 Marlesford	926	2071	124%	Low	Medium	Minor adverse
27	A12 south of Wickham Market	1194	2158	81%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	95	163	72%	Very Low	Very Low	Negligible adverse
32a	A12 (N)	1206	2134	77%	Very Low	Very Low	Negligible adverse
33	A12 south of Woodbridge	971	1839	89%	Very Low	Very Low	Negligible adverse
34a	A12 (N)	1221	2080	70%	Very Low	Very Low	Negligible adverse
34b	Main Road (E)	127	199	57%	Very Low	High	Minor adverse
41	B1125 through Middleton	42	42	0%	No change	Low	Negligible
53a	A144 (west of A12)	192	190	-1%	Very Low	High	Minor beneficial
57	Sizewell Link Road (east of A12)	0	1287	12874296%	High	Medium	Major adverse
59	A12 (south of SLR)	725	1870	158%	Medium	Very Low	Minor adverse
63	Theberton Bypass (west of B1125)	0	1781	17807442%	High	Medium	Major adverse
64	B1122 north of SZC access	218	1760	707%	High	Medium	Major adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (Typical) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
65	Middleton Moor Link	0	498	4980314%	High	Medium	Major adverse
66	B1122 west of B1125	169	0	-100%	High	Medium	Major Beneficial
67	Main Site Access	0	1772	17724284%	High	Very Low	Minor adverse
68	Darsham P&R	0	152	1519900%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	152	1519900%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	95	163	72%	Very Low	Very Low	Negligible
73	B1078 south of B1116	225	296	32%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	177	4	-98%	High	Medium	Major Beneficial
75	Lovers Lane	87	252	190%	Medium	Very Low	Minor adverse
76	B1069 (north of Aldringham Lane)	169	268	59%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	57	150	162%	Medium	Medium	Moderate adverse
78	A12 (north of B1121)	721	1866	159%	Medium	Medium	Moderate adverse
82	B1438 Melton Hill	81	70	-14%	Very Low	High	Minor beneficial
83	A145 west of A12	237	287	21%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	196	200	2%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.26: Amenity 2028 24hr AAWT HDVs – Busiest Day

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (busiest) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	85	254	199%	High	Very Low	Minor Adverse
4a	B1122 (S)	217	429	98%	Very Low	Medium	Minor Adverse
4c	B1122 (N)	214	455	113%	Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	145	359	148%	Medium	Medium	Moderate Adverse
6	B1119 Saxmundham Road	62	86	39%	Very Low	High	Minor Adverse
9b	Snape Road	178	178	0%	No change	High	Negligible
10	B1122 through Theberton	218	0	-100%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	1758	17581412%	High	Medium	Major Adverse
11	B1125 through Westleton	81	81	0%	No change	High	Negligible
12a	B1121 (N)	53	77	45%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	70	86	22%	Very Low	High	Minor Adverse
13a	A12 (N)	908	1277	41%	Very Low	Low	Negligible
13b	B1122	177	500	182%	High	Low	Moderate Adverse
13d	A1120	188	192	2%	Very Low	High	Minor Adverse
16	A12 Wrentham	444	618	39%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (busiest) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
17a	A12 (N)	674	897	33%	Very Low	Medium	Minor Adverse
17c	A12 (S)	630	853	35%	Very Low	Very Low	Negligible
19b	A12 (N)	210	310	48%	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	686	1831	167%	High	Medium	Major Adverse
21c	A12 (middle)	693	1838	165%	High	Medium	Major Adverse
21e	A12 (south of B1119)	721	1866	159%	Medium	Medium	Moderate Adverse
22a	A12 (N)	639	1781	179%	High	Very Low	Minor Adverse
22c	A12 (S) (Farnham)	923	58	-94%	High	Medium	Major Beneficial
23	A12 Farnham Bend	925	11	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	2036	20364397%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	919	44	-95%	High	Medium	Major Beneficial
25	A12 Little Glemham	919	2060	124%	Low	Medium	Minor Adverse
26	A12 Marlesford	926	2071	124%	Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1194	2158	81%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	95	163	72%	Very Low	Very Low	Negligible
32a	A12 (N)	1206	2134	77%	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (busiest) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
32c	A12 (S)	2263	3158	40%	Very Low	Medium	Minor Adverse
33	A12 south of Woodbridge	971	1839	89%	Very Low	Very Low	Negligible
34a	A12 (N)	1221	2080	70%	Very Low	Very Low	Negligible
34b	Main Road (E)	127	199	57%	Very Low	High	Minor Adverse
34c	A12 (S)	2391	3184	33%	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	2263	3158	40%	Very Low	Very Low	Negligible
41	B1125 through Middleton	42	42	0%	No change	Low	Negligible
53a	A144 (west of A12)	192	190	-1%	Very Low	High	Minor Beneficial
53b	A12 (north of A144)	638	862	35%	Very Low	Very Low	Negligible
57	Sizewell Link Road (east of A12)	0	1287	12874296%	High	Medium	Major Adverse
59	A12 (south of SLR)	725	1870	158%	Medium	Very Low	Minor Adverse
63	Theberton Bypass (west of B1125)	0	1781	17807442%	High	Medium	Major Adverse
64	B1122 north of SZC access	218	1760	707%	High	Medium	Major Adverse
65	Middleton Moor Link	0	498	4980314%	High	Medium	Major Adverse
66	B1122 west of B1125	169	0	-100%	High	Medium	Major Beneficial
67	Main Site Access	0	1772	17724284%	High	Very Low	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (busiest) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
68	Darsham P&R	0	152	1519900%	Medium	Very Low	Minor Adverse
69	Wickham Market P&R	0	152	1519900%	Medium	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	95	163	72%	Very Low	Very Low	Negligible
73	B1078 south of B1116	225	296	32%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	177	4	-98%	High	Medium	Major beneficial
75	Lovers Lane	87	252	190%	High	Very Low	Minor Adverse
76	B1069 (north of Aldringham Lane)	169	268	59%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	57	150	162%	High	Medium	Major Adverse
78	A12 (north of B1121)	721	1866	159%	Medium	Medium	Moderate Adverse
82	B1438 Melton Hill	81	70	-14%	Very Low	High	Minor Beneficial
83	A145 west of A12	237	287	21%	Very Low	High	Minor Adverse
84	A12 south of B1126	487	660	36%	Very Low	Very Low	Negligible
86	A12 south of B1387	675	901	33%	Very Low	Very Low	Negligible
87	A12 south of Eagle Way/Anson Rd roundabout	2204	2995	36%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	2297	3113	36%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	196	200	2%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Table 1.27: Amenity 2028 Representative Hour HDVs (07:00 – 08:00) – Typical Day

Link number	Link name	2028 reference case HDVs in the hour	2028 reference case + Sizewell (typical) HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	2	26	1200.0%	High	Very Low	Minor Adverse
4a	B1122 (S)	9	27	200.0%	High	Medium	Major Adverse
4c	B1122 (N)	11	41	272.7%	High	Medium	Major Adverse
5	B1122 Abbey Road (existing level crossing)	12	29	141.7%	Medium	Medium	Moderate Adverse
6	B1119 Saxmundham Road	11	13	16.5%	Very Low	High	Minor Adverse
9b	Snape Road	10	11	9.1%	Very Low	High	Minor Adverse
10	B1122 through Theberton	11	0	-100.0%	Low	Medium	Minor Beneficial
10A	Theberton Bypass	0	92	91900.0%	High	Medium	Major Adverse
11	B1125 through Westleton	1	1	0.0%	No change	High	Negligible
12a	B1121 (N)	4	6	44.7%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	12	13	6.8%	Very Low	High	Minor Adverse
13a	A12 (N)	86	109	26.7%	Very Low	Low	Negligible
13b	B1122	12	35	191.7%	High	Low	Moderate Adverse
13d	A1120	14	14	0.0%	No change	High	Negligible
16	A12 Wrentham	38	47	23.7%	Very Low	High	Minor Adverse
19b	A12 (N)	15	20	33.3%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case HDVs in the hour	2028 reference case + Sizewell (typical) HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
21b	A12 (north of B1119)	63	119	88.9%	Very Low	Medium	Minor Adverse
21c	A12 (middle)	63	119	88.9%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	65	120	84.3%	Very Low	Medium	Minor Adverse
22a	A12 (N)	75	129	72.4%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	80	1	-99.0%	High	Medium	Major Beneficial
23	A12 Farnham Bend	80	1	-99.0%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	134	1339900.0%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	80	1	-99.0%	Medium	Medium	Moderate Beneficial
25	A12 Little Glemham	80	135	68.5%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	80	136	69.8%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	82	125	52.2%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	6	12	100.0%	Low	Very Low	Negligible
32a	A12 (N)	91	132	44.9%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	207	249	20.2%	Very Low	Very Low	Negligible
34a	A12 (N)	258	296	14.9%	Very Low	Very Low	Negligible
34b	Main Road (E)	0	4	3900.0%	High	High	Major Adverse
41	B1125 through Middleton	1	1	0.0%	No change	Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case HDVs in the hour	2028 reference case + Sizewell (typical) HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
53a	A144 (west of A12)	24	24	-0.1%	Very Low	High	Minor Beneficial
57	Sizewell Link Road (east of A12)	0	58	579900.0%	High	Medium	Major Adverse
59	A12 (south of SLR)	62	119	91.9%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	93	929900.0%	High	Medium	Major Adverse
64	B1122 north of SZC access	11	92	736.4%	High	Medium	Major Adverse
65	Middleton Moor Link	0	35	349900.0%	High	Medium	Major Adverse
66	B1122 west of B1125	12	0	-100.0%	Low	Medium	Minor Beneficial
67	Main Site Access	0	109	1089900.0%	High	Very Low	Minor Adverse
68	Darsham P&R	0	12	119900.0%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	12	119900.0%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	6	12	100.0%	Low	Very Low	Negligible
73	B1078 south of B1116	18	22	22.2%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	12	0	-100.0%	Low	Medium	Minor Beneficial
75	Lovers Lane	3	28	833.3%	High	Very Low	Minor Adverse
76	B1069 (north of Aldringham Lane)	12	21	75.0%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	2	9	341.0%	High	Medium	Major Adverse
78	A12 (north of B1121)	65	120	84.3%	Very Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case HDVs in the hour	2028 reference case + Sizewell (typical) HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
82	B1438 Melton Hill	7	5	-35.7%	Very Low	High	Minor Beneficial
83	A145 west of A12	32	34	6.3%	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	14	14	0.0%	No change	High	Negligible

Table 1.28: Amenity 2028 Representative Hour HDVs (07:00 – 08:00) – Busiest Day

Link number	Link name	2028 reference case HDVs in the hour	2028 reference case + Sizewell (busiest) HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	2	26	1200.0%	High	Very Low	Minor Adverse
4a	B1122 (S)	9	27	200.0%	High	Medium	Major Adverse
4c	B1122 (N)	11	41	272.7%	High	Medium	Major Adverse
5	B1122 Abbey Road (existing level crossing)	12	29	141.7%	Medium	Medium	Moderate Adverse
6	B1119 Saxmundham Road	11	13	16.5%	Very Low	High	Minor Adverse
9b	Snape Road	10	11	9.1%	Very Low	High	Minor Adverse
10	B1122 through Theberton	11	0	-100.0%	Low	Medium	Minor Beneficial
10A	Theberton Bypass	0	116	1156866%	High	Medium	Major Adverse
11	B1125 through Westleton	1	1	0.0%	No change	High	Negligible
12a	B1121 (N)	4	6	44.7%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	12	13	6.8%	Very Low	High	Minor Adverse
13a	A12 (N)	86	113	31.0%	Very Low	Low	Negligible
13b	B1122	12	39	222.5%	High	Low	Moderate Adverse
13d	A1120	14	14	0.0%	No change	High	Negligible
16	A12 Wrentham	38	50	30.5%	Very Low	High	Minor Adverse
17a	A12 (N)	62	77	23.7%	Very Low	Medium	Minor Adverse
17c	A12 (S)	62	77	23.7%	Very Low	Very Low	Negligible
19b	A12 (N)	15	23	50.5%	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	63	139	120.6%	Medium	Medium	Moderate Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case HDVs in the hour	2028 reference case + Sizewell (busiest) HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
21c	A12 (middle)	63	139	120.6%	Low	Medium	Minor Adverse
21e	A12 (south of B1119)	65	140	115.1%	Low	Medium	Minor Adverse
22a	A12 (N)	75	149	99.0%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	80	1	-99.0%	Medium	Medium	Moderate Beneficial
23	A12 Farnham Bend	80	1	-99.0%	Medium	Medium	Moderate Beneficial
23A	A12 Two Village Bypass	0	154	1539859.0%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	80	1	-99.0%	Medium	Medium	Moderate Beneficial
25	A12 Little Glemham	80	155	93.5%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	80	156	94.8%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	82	145	76.6%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	6	12	100.0%	Low	Very Low	Negligible
32a	A12 (N)	91	152	66.8%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	207	269	29.9%	Very Low	Very Low	Negligible
34a	A12 (N)	258	316	22.6%	Very Low	Very Low	Negligible
34b	Main Road (E)	0	4	4000.0%	Very Low	High	Negligible
41	B1125 through Middleton	1	1	0.0%	No change	Low	Negligible
53a	A144 (west of A12)	24	24	-0.1%	Very Low	High	Minor Beneficial
57	Sizewell Link Road (east of A12)	0	78	779858%	High	Medium	Major Adverse
59	A12 (south of SLR)	62	139	124.1%	Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	117	1166866%	High	Medium	Major Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case HDVs in the hour	2028 reference case + Sizewell (busiest) HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
64	B1122 north of SZC access	11	116	952%	High	Medium	Major Adverse
65	Middleton Moor Link	0	39	386907%	High	Medium	Major Adverse
66	B1122 west of B1125	12	0	-100.0%	Low	Medium	Minor Beneficial
67	Main Site Access	0	109	1089900.0%	High	Very Low	Minor Adverse
68	Darsham P&R	0	12	119900.0%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	12	119900.0%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	6	12	100.0%	Low	Very Low	Negligible
73	B1078 south of B1116	18	22	22.2%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	12	0	-100.0%	Low	Medium	Minor Beneficial
75	Lovers Lane	3	28	833.3%	High	Very Low	Minor Adverse
76	B1069 (north of Aldringham Lane)	12	21	75.0%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	2	9	341.0%	Low	Medium	Minor Adverse
78	A12 (north of B1121)	65	140	115.1%	Low	Medium	Minor Adverse
82	B1438 Melton Hill	7	5	-35.7%	Very Low	High	Minor Beneficial
83	A145 west of A12	32	34	6.3%	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	14	14	0.0%	No change	High	Negligible

Table 1.29: Amenity 2034 24hr AAWT Total Traffic

Link number	Link name	2034 reference case AAWT total traffic	2034 reference case + Sizewell AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
10	B1122 through Theberton	6397	414	-94%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	7017	70174295%	High	Medium	Major Adverse
22c	A12 (S) (Farnham)	23149	545	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	23166	287	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22511	225106608%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	22525	424	-98%	High	Medium	Major Beneficial
57	Sizewell Link Road (east of A12)	0	1408	14079759%	High	Medium	Major Adverse
63	Theberton Bypass (west of B1125)	0	5102	51021604%	High	Medium	Major Adverse
65	Middleton Moor Link	0	3834	38337626%	High	Medium	Major Adverse
66	B1122 west of B1125	3728	92	-98%	High	Medium	Major Beneficial
67	Main Site Access	0	1617	16166118%	High	Very Low	Minor Adverse
74	B1122 (Middleton Moor)	4489	370	-92%	High	Medium	Major Beneficial

Table 1.30: Amenity 2034 Total Traffic Representative Hour (16:00- 17:00)

Link number	Link name	2028 reference case total traffic in the hour	2034 reference case + Sizewell total traffic in the hour	% change	Magnitude	Sensitivity	Effect Significance
10	B1122 through Theberton	535	43	-92.0%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	694	6939900.0%	High	Medium	Major Adverse
22c	A12 (S) (Farnham)	2039	23	-98.9%	High	Medium	Major Beneficial
23	A12 Farnham Bend	2040	23	-98.9%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	2099	20989900.0%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	2041	26	-98.7%	High	Medium	Major Beneficial
57	Sizewell Link Road (east of A12)	0	118	1179900.0%	High	Medium	Major Adverse
63	Theberton Bypass (west of B1125)	0	439	4389900.0%	High	Medium	Major Adverse
65	Middleton Moor Link	0	333	3329900.0%	High	Medium	Major Adverse
66	B1122 west of B1125	316	13	-95.9%	High	Medium	Major Beneficial
67	Main Site Access	0	658	6579900.0%	High	Very Low	Minor Adverse
74	B1122 (Middleton Moor)	374	30	-92.0%	High	Medium	Major Beneficial

Table 1.31: Amenity 2034 24hr AAWT HDVs

Link number	Link name	2034 reference case 24hr AAWT HDVs	2034 reference case + Sizewell 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
10	B1122 through Theberton	222	0	-100%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	260	2599221%	Medium	Medium	Moderate Adverse
22c	A12 (S) (Farnham)	954	58	-94%	High	Medium	Major Beneficial
23	A12 Farnham Bend	952	11	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	934	9337482%	High	Medium	Major Adverse
24	A12 Stratford St Andrew (Low Road)	940	44	-95%	High	Medium	Major Beneficial
57	Sizewell Link Road (east of A12)	0	156	1559706%	Medium	Medium	Moderate Adverse
63	Theberton Bypass (west of B1125)	0	274	2743058%	Medium	Medium	Moderate Adverse
65	Middleton Moor Link	0	145	1451412%	Medium	Medium	Moderate Adverse
66	B1122 west of B1125	169	0	-100%	High	Medium	Major Beneficial
67	Main Site Access	0	20	199900%	Medium	Very Low	Minor Adverse
74	B1122 (Middleton Moor)	181	4	-98%	High	Medium	Major Beneficial

Table 1.32: Amenity 2034 Representative hour HDVs (16:00 – 17:00)

Link number	Link name	2034 reference case HDVs in the hour	2034 reference case + Sizewell HDVs in the hour	% change	Magnitude	Sensitivity	Effect Significance
10	B1122 through Theberton	7	0	-100.0%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8	79900.0%	Low	Medium	Minor Adverse
22c	A12 (S) (Farnham)	72	3	-95.8%	High	Medium	Major Beneficial
23	A12 Farnham Bend	72	3	-95.8%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	67	669900.0%	Medium	Medium	Moderate Adverse
24	A12 Stratford St Andrew (Low Road)	72	4	-94.4%	High	Medium	Major Beneficial
57	Sizewell Link Road (east of A12)	0	2	19900.0%	Low	Medium	Minor Adverse
63	Theberton Bypass (west of B1125)	0	11	109900.0%	Low	Medium	Minor Adverse
65	Middleton Moor Link	0	9	89900.0%	Low	Medium	Minor Adverse
66	B1122 west of B1125	9	0	-100.0%	High	Medium	Major Beneficial
67	Main Site Access	0	0	0.0%	No change	Very Low	Negligible
74	B1122 (Middleton Moor)	11	2	-81.8%	High	Medium	Major Beneficial

1.4 Fear and Intimidation

Table 1.33: Fear and Intimidation 2023 18hr AAWT Total Traffic

Link number	Link name	2023 Reference Case					2023 Reference + Sizewell				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
1	Sizewell Gap	6714	373	Very Low	Low	Negligible	6888	383	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	3074	171	Very Low	Very Low	Negligible	3754	209	Very Low	Very Low	Negligible
4b	Lovers Lane	3119	173	Very Low	Very Low	Negligible	3792	211	Very Low	Very Low	Negligible
4c	B1122 (N)	5693	316	Very Low	Medium	Minor Adverse	6725	374	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	4657	259	Very Low	High	Minor Adverse	5117	284	Very Low	High	Minor Adverse
10	B1122 through Theberton	5680	316	Very Low	Medium	Minor Adverse	6712	373	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	2582	143	Very Low	High	Minor Adverse	3120	173	Very Low	High	Minor Adverse
12c	B1121 (S)	5180	288	Very Low	Medium	Minor Adverse	5757	320	Very Low	Medium	Minor Adverse
13b	B1122	3876	215	Very Low	Low	Negligible	4361	242	Very Low	Low	Negligible
13c	A12 (middle)	14514	806	Low	Low	Minor Adverse	15266	848	Low	Low	Minor Adverse
13d	A1120	3839	213	Very Low	High	Minor Adverse	4309	239	Very Low	High	Minor Adverse
13e	A12 (S)	11181	621	Low	Medium	Minor Adverse	11668	648	Low	Medium	Minor Adverse
17b	B1125	1744	97	Very Low	High	Minor Adverse	2230	124	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	11691	650	Low	Medium	Minor Adverse	12147	675	Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 Reference Case					2023 Reference + Sizewell				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
21c	A12 (middle)	13861	770	Low	Medium	Minor Adverse	14337	796	Low	Medium	Minor Adverse
21e	A12 (south of B1119)	13217	734	Low	Medium	Minor Adverse	13382	743	Low	Medium	Minor Adverse
22a	A12 (N)	14800	822	Low	Very Low	Negligible	15452	858	Low	Very Low	Negligible
22b	A1094	8170	454	Very Low	Low	Negligible	8735	485	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	19581	1088	Low	Medium	Minor Adverse	20481	1138	Low	Medium	Minor Adverse
23	A12 Farnham Bend	19591	1088	Low	Low	Minor Adverse	20484	1138	Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	18982	1055	Low	Medium	Minor Adverse	19870	1104	Low	Medium	Minor Adverse
25	A12 Little Glemham	18982	1055	Low	Medium	Minor Adverse	19870	1104	Low	Medium	Minor Adverse
26	A12 Marlesford	19575	1087	Low	Medium	Minor Adverse	20454	1136	Low	Medium	Minor Adverse
27	A12 south of Wickham Market	24555	1364	Medium	Medium	Moderate adverse	25012	1390	Medium	Medium	Moderate Adverse
32a	A12 (N)	24527	1363	Medium	Very Low	Minor Adverse	24869	1382	Medium	Very Low	Minor Adverse
32c	A12 (S)	39170	2176	High	Medium	Major Adverse	39315	2184	High	Medium	Major Adverse
33	A12 south of Woodbridge	36789	2044	High	Very Low	Minor Adverse	36358	2020	High	Very Low	Minor Adverse
34a	A12 (N)	38441	2136	High	Very Low	Minor Adverse	38179	2121	High	Very Low	Minor Adverse
34c	A12 (S)	39906	2217	High	Medium	Major Adverse	39413	2190	High	Medium	Major Adverse
38b	A12 Woodbridge n/o B1079	39170	2176	High	Very Low	Minor Adverse	39315	2184	High	Very Low	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 Reference Case					2023 Reference + Sizewell				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
58	A12 (north of SLR)	11133	618	Low	Very Low	Negligible	11603	645	Low	Very Low	Negligible
59	A12 (south of SLR)	11133	618	Low	Very Low	Negligible	11671	648	Low	Very Low	Negligible
64	B1122 north of SZC access	5680	316	Very Low	Medium	Minor Adverse	6712	373	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	3247	180	Very Low	Medium	Minor Adverse	3738	208	Very Low	Medium	Minor Adverse
67	Main Site Access	0	0	No change	Very Low	Negligible	789	44	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	No change	Very Low	Negligible	236	13	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	No change	Very Low	Negligible	183	10	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	1951	108	Very Low	Very Low	Negligible	2234	124	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	3876	215	Very Low	Medium	Minor Adverse	4361	242	Very Low	Medium	Minor Adverse
75	Lovers Lane	3119	173	Very Low	Very Low	Negligible	3792	211	Very Low	Very Low	Negligible
78	A12 (north of B1121)	13290	738	Low	Medium	Minor Adverse	13482	749	Low	Medium	Minor Adverse
87	A12 south of Eagle Way/Anson Rd roundabout	42973	2387	High	Very Low	Minor Adverse	42553	2364	High	Very Low	Minor Adverse
88	A12 south of Foxhall Road	34930	1941	High	Very Low	Minor Adverse	34749	1930	High	Very Low	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 Reference Case					2023 Reference + Sizewell				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
90	A1120 Sibton (east of Mill Hill)	3972	221	Very Low	High	Minor Adverse	4443	247	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Table 1.34: Fear and Intimidation 2023 18hr AAWT HDVs

Link number	Link name	2023 Reference Case				2023 Reference + Sizewell			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
1	Sizewell Gap	97	Very Low	Low	Negligible	637	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	83	Very Low	Very Low	Negligible	903	Very Low	Very Low	Negligible
4b	Lovers Lane	85	Very Low	Very Low	Negligible	685	Very Low	Very Low	Negligible
4c	B1122 (N)	207	Very Low	Medium	Minor adverse	807	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	61	Very Low	High	Minor adverse	61	Very Low	High	Minor Adverse
10	B1122 through Theberton	212	Very Low	Medium	Minor adverse	812	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	80	Very Low	High	Minor adverse	80	Very Low	High	Minor Adverse
12c	B1121 (S)	173	Very Low	Medium	Minor adverse	173	Very Low	Medium	Minor Adverse
13b	B1122	173	Very Low	Low	Negligible	797	Very Low	Low	Negligible
13c	A12 (middle)	832	Very Low	Low	Negligible	1448	Low	Low	Minor Adverse
13d	A1120	180	Very Low	High	Minor adverse	180	Very Low	High	Minor Adverse
13e	A12 (S)	706	Very Low	Medium	Minor adverse	1322	Low	Medium	Minor Adverse
17b	B1125	54	Very Low	High	Minor adverse	54	Very Low	High	Minor Adverse
19b	A12 (N)	12	Very Low	High	Minor adverse	114	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	660	Very Low	Medium	Minor adverse	1418	Low	Medium	Minor Adverse
21c	A12 (middle)	677	Very Low	Medium	Minor adverse	1435	Low	Medium	Minor Adverse
21e	A12 (south of B1119)	704	Very Low	Medium	Minor adverse	1460	Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2023 Reference Case				2023 Reference + Sizewell			
		18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance	18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance
22a	A12 (N)	624	Very Low	Very Low	Negligible	1378	Low	Very Low	Negligible
22b	A1094	179	Very Low	Low	Negligible	299	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	896	Very Low	Medium	Minor adverse	1734	Low	Medium	Minor Adverse
23	A12 Farnham Bend	896	Very Low	Medium	Minor adverse	1734	Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	886	Very Low	Medium	Minor adverse	1724	Low	Medium	Minor Adverse
25	A12 Little Glemham	886	Very Low	Medium	Minor adverse	1724	Low	Medium	Minor Adverse
26	A12 Marlesford	895	Very Low	Medium	Minor adverse	1731	Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1161	Low	Medium	Minor adverse	2025	Medium	Medium	Moderate Adverse
32a	A12 (N)	1165	Low	Very Low	Negligible	2029	Medium	Very Low	Minor Adverse
32c	A12 (S)	2202	Medium	Medium	Moderate adverse	3058	High	Medium	Major Adverse
33	A12 south of Woodbridge	933	Very Low	Very Low	Negligible	1783	Low	Very Low	Negligible
34a	A12 (N)	1191	Low	Very Low	Negligible	2047	Medium	Very Low	Minor Adverse
34c	A12 (S)	2342	Medium	Medium	Moderate adverse	3200	High	Medium	Major Adverse
38b	A12 Woodbridge n/o B1079	2202	Medium	Very Low	Minor adverse	3058	High	Very Low	Minor Adverse
58	A12 (north of SLR)	698	Very Low	Very Low	Negligible	1316	Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2023 Reference Case				2023 Reference + Sizewell			
		18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance	18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance
59	A12 (south of SLR)	698	Very Low	Very Low	Negligible	1456	Low	Very Low	Negligible
64	B1122 north of SZC access	212	Very Low	Medium	Minor adverse	812	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	162	Very Low	Medium	Minor adverse	762	Very Low	Medium	Minor Adverse
67	Main Site Access	0	Very Low	Very Low	Negligible	0	Very Low	Very Low	Negligible
68	Darsham P&R	0	Very Low	Very Low	Negligible	46	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	Very Low	Very Low	Negligible	42	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	91	Very Low	Very Low	Negligible	130	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	173	Very Low	Medium	Minor Adverse	773	Very Low	Medium	Minor Adverse
75	Lovers Lane	85	Very Low	Very Low	Negligible	905	Very Low	Very Low	Negligible
78	A12 (north of B1121)	704	Very Low	Medium	Minor Adverse	1460	Low	Medium	Minor Adverse
87	A12 south of Eagle Way/Anson Rd roundabout	2154	Medium	Very Low	Minor Adverse	3014	High	Very Low	Minor Adverse
88	A12 south of Foxhall Road	2262	Medium	Very Low	Minor Adverse	3117	High	Very Low	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	190	Very Low	High	Minor Adverse	190	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Table 1.35: Fear and Intimidation 2028 18hr AAWT Total Traffic – Typical Day

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
3	Lovers Lane (LEEIE)	3197	178	Very Low	Very Low	Negligible	3603	200	Very Low	Very Low	Negligible
4a	B1122 (S)	3443	191	Very Low	Medium	Minor Adverse	6252	347	Very Low	Medium	Minor Adverse
4c	B1122 (N)	5842	325	Very Low	Medium	Minor Adverse	9068	504	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	4707	261	Very Low	Medium	Minor Adverse	7551	420	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	5051	281	Very Low	High	Minor Adverse	5706	317	Very Low	High	Minor Adverse
9b	Snape Road	5375	299	Very Low	High	Minor Adverse	5912	328	Very Low	High	Minor Adverse
10	B1122 through Theberton	5825	324	Very Low	Medium	Minor Adverse	509	28	Very Low	Medium	Minor Adverse
10A	Theberton Bypass	0	0	Nil	Medium	Negligible	6894	383	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	2679	149	Very Low	High	Minor Adverse	2932	163	Very Low	High	Minor Adverse
12a	B1121 (N)	5469	304	Very Low	Medium	Minor Adverse	5553	309	Very Low	Medium	Minor Adverse
12b	B1119 (E)	5252	292	Very Low	High	Minor Adverse	5710	317	Very Low	High	Minor Adverse
13a	A12 (N)	14650	814	Low	Low	Minor Adverse	15213	845	Low	Low	Minor Adverse
13b	B1122	4011	223	Very Low	Low	Negligible	3982	221	Very Low	Low	Negligible
13d	A1120	4066	226	Very Low	High	Minor Adverse	4588	255	Very Low	High	Minor Adverse
16	A12 Wrentham	9550	531	Very Low	High	Minor Adverse	10485	583	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
19b	A12 (N)	13978	777	Low	High	Moderate adverse	13977	776	Low	High	Moderate Adverse
21b	A12 (north of B1119)	12265	681	Low	Medium	Minor Adverse	12250	681	Low	Medium	Minor Adverse
21c	A12 (middle)	14615	812	Low	Medium	Minor Adverse	14526	807	Low	Medium	Minor Adverse
21e	A12 (south of B1119)	14203	789	Low	Medium	Minor Adverse	13992	777	Low	Medium	Minor Adverse
22a	A12 (N)	15696	872	Low	Very Low	Negligible	16064	892	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	20585	1144	Low	Medium	Minor Adverse	477	26	Very Low	Medium	Minor Adverse
23	A12 Farnham Bend	20596	1144	Low	Medium	Minor Adverse	258	14	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	Nil	Medium	Negligible	20232	1124	Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	19980	1110	Low	Medium	Minor Adverse	381	21	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	19980	1110	Low	Medium	Minor Adverse	20467	1137	Low	Medium	Minor Adverse
26	A12 Marlesford	20583	1143	Low	Medium	Minor Adverse	21075	1171	Low	Medium	Minor Adverse
27	A12 south of Wickham Market	25740	1430	Medium	Medium	Moderate adverse	27002	1500	Medium	Medium	Moderate Adverse
29	B1078 onslip to A12	2075	115	Very Low	Very Low	Negligible	2169	121	Very Low	Very Low	Negligible
32a	A12 (N)	25690	1427	Medium	Very Low	Minor Adverse	26816	1490	Medium	Very Low	Minor Adverse
33	A12 south of Woodbridge	37656	2092	High	Very Low	Minor Adverse	37743	2097	High	Very Low	Minor Adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
34a	A12 (N)	40174	2232	High	Very Low	Minor Adverse	40589	2255	High	Very Low	Minor Adverse
34b	Main Road (E)	6682	371	Very Low	High	Minor Adverse	6871	382	Very Low	High	Minor Adverse
34c	A12 (S)	41896	2328	High	Medium	Major adverse	42036	2335	High	Medium	Major Adverse
41	B1125 through Middleton	2093	116	Very Low	Low	Negligible	2733	152	Very Low	Low	Negligible
53a	A144 (west of A12)	4327	240	Very Low	High	Minor Adverse	4966	276	Very Low	High	Minor Adverse
57	Sizewell Link Road (east of A12)	0	0	Nil	Medium	Negligible	1315	73	Very Low	Medium	Minor Adverse
59	A12 (south of SLR)	11608	645	Low	Very Low	Negligible	12139	674	Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	0	Nil	Medium	Negligible	4940	274	Very Low	Medium	Minor Adverse
64	B1122 north of SZC access	5825	324	Very Low	Medium	Minor Adverse	7117	395	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	0	Nil	Medium	Negligible	3762	209	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	3333	185	Very Low	Medium	Minor Adverse	115	6	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	Nil	Very Low	Negligible	3814	212	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	Nil	Very Low	Negligible	1982	110	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	Nil	Very Low	Negligible	1726	96	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	2076	115	Very Low	Very Low	Negligible	4249	236	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
73	B1078 south of B1116	9776	543	Very Low	Medium	Minor Adverse	11035	613	Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	4011	223	Very Low	Medium	Minor Adverse	354	20	Very Low	Medium	Minor beneficial
75	Lovers Lane	3245	180	Very Low	Very Low	Negligible	3653	203	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5407	300	Very Low	Medium	Minor Adverse	6164	342	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4811	267	Very Low	Medium	Minor Adverse	6026	335	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	14620	812	Low	Medium	Minor Adverse	14394	800	Low	Medium	Minor Adverse
82	B1438 Melton Hill	712	40	Very Low	High	Minor Adverse	850	47	Very Low	High	Minor Adverse
83	A145 west of A12	2620	146	Very Low	High	Minor Adverse	2999	167	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	4199	233	Very Low	High	Minor Adverse	4694	261	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Table 1.36: Fear and Intimidation 2028 18hr AAWT Total Traffic – Busiest Day

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
3	Lovers Lane (LEEIE)	3197	178	Very Low	Very Low	Negligible	3589	199	Very Low	Very Low	Negligible
4a	B1122 (S)	3443	191	Very Low	Medium	Minor adverse	6258	348	Very Low	Medium	Minor Adverse
4c	B1122 (N)	5842	325	Very Low	Medium	Minor adverse	9052	503	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	4707	261	Very Low	Medium	Minor adverse	7551	420	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	5051	281	Very Low	High	Minor adverse	5730	318	Very Low	High	Minor Adverse
9b	Snape Road	5375	299	Very Low	High	Minor adverse	5920	329	Very Low	High	Minor Adverse
10	B1122 through Theberton	5825	324	Very Low	Medium	Minor adverse	525	29	Very Low	Medium	Minor Adverse
10A	Theberton Bypass	0	0	Very Low	Medium	Minor adverse	6862	381	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	2679	149	Very Low	High	Minor adverse	2932	163	Very Low	High	Minor Adverse
12a	B1121 (N)	5469	304	Very Low	Medium	Minor adverse	5596	311	Very Low	Medium	Minor Adverse
12b	B1119 (E)	5252	292	Very Low	High	Minor adverse	5730	318	Very Low	High	Minor Adverse
13a	A12 (N)	14650	814	Low	Low	Minor adverse	15161	842	Low	Low	Minor Adverse
13b	B1122	4011	223	Very Low	Low	Negligible	3988	222	Very Low	Low	Negligible
13d	A1120	4066	226	Very Low	High	Minor adverse	4610	256	Very Low	High	Minor Adverse
16	A12 Wrentham	9550	531	Very Low	High	Minor adverse	10463	581	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
19b	A12 (N)	13978	777	Low	High	Moderate adverse	13961	776	Low	High	Moderate Adverse
21b	A12 (north of B1119)	12265	681	Low	Medium	Minor adverse	12186	677	Low	Medium	Minor Adverse
21c	A12 (middle)	14615	812	Low	Medium	Minor adverse	14471	804	Low	Medium	Minor Adverse
21e	A12 (south of B1119)	14203	789	Low	Medium	Minor adverse	13894	772	Low	Medium	Minor Adverse
22a	A12 (N)	15696	872	Low	Very Low	Negligible	15967	887	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	20585	1144	Low	Medium	Minor adverse	477	26	Very Low	Medium	Minor Adverse
23	A12 Farnham Bend	20596	1144	Low	Medium	Minor adverse	258	14	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	Nil	Medium	Negligible	20115	1118	Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	19980	1110	Low	Medium	Minor adverse	381	21	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	19980	1110	Low	Medium	Minor adverse	20352	1131	Low	Medium	Minor Adverse
26	A12 Marlesford	20583	1143	Low	Medium	Minor adverse	20958	1164	Low	Medium	Minor Adverse
27	A12 south of Wickham Market	25740	1430	Medium	Medium	Moderate adverse	26838	1491	Medium	Medium	Moderate Adverse
29	B1078 onslip to A12	2075	115	Very Low	Very Low	Negligible	2167	120	Very Low	Very Low	Negligible
32a	A12 (N)	25690	1427	Medium	Very Low	Minor adverse	26622	1479	Medium	Very Low	Minor Adverse
33	A12 south of Woodbridge	37656	2092	High	Very Low	Minor adverse	37355	2075	High	Very Low	Minor Adverse
34a	A12 (N)	40174	2232	High	Very Low	Minor adverse	40252	2236	High	Very Low	Minor Adverse

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
34b	Main Road (E)	6682	371	Very Low	High	Minor adverse	6856	386	Very Low	High	Minor Adverse
34c	A12 (S)	41896	2328	High	Medium	Major adverse	41780	2321	High	Medium	Major Adverse
41	B1125 through Middleton	2093	116	Very Low	Low	Negligible	2727	152	Very Low	Low	Negligible
53a	A144 (west of A12)	4327	240	Very Low	High	Minor adverse	4962	276	Very Low	High	Minor Adverse
57	Sizewell Link Road (east of A12)	0	0	Nil	Medium	Negligible	1291	72	Very Low	Medium	Minor Adverse
59	A12 (south of SLR)	11608	645	Low	Very Low	Negligible	12045	669	Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	0	Nil	Medium	Negligible	4917	273	Very Low	Medium	Minor Adverse
64	B1122 north of SZC access	5825	324	Very Low	Medium	Minor adverse	7099	394	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	0	Nil	Medium	Negligible	3765	209	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	3333	185	Very Low	Medium	Minor adverse	115	6	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	Nil	Very Low	Negligible	3812	212	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	Nil	Very Low	Negligible	1982	110	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	Nil	Very Low	Negligible	1714	95	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	2076	115	Very Low	Very Low	Negligible	4233	235	Very Low	Very Low	Negligible
73	B1078 south of B1116	9776	543	Very Low	Medium	Minor adverse	11022	612	Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	4011	223	Very Low	Medium	Minor adverse	360	20	Very Low	Medium	Minor beneficial

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
75	Lovers Lane	3245	180	Very Low	Very Low	Negligible	3639	202	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5407	300	Very Low	Medium	Minor adverse	6158	342	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4811	267	Very Low	Medium	Minor adverse	6024	335	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	14620	812	Low	Medium	Minor adverse	14289	794	Low	Medium	Minor Adverse
82	B1438 Melton Hill	712	40	Very Low	High	Minor adverse	862	48	Very Low	High	Minor Adverse
83	A145 west of A12	2620	146	Very Low	High	Minor adverse	2979	166	Very Low	High	Minor Adverse
87	A12 south of Eagle Way/Anson Rd roundabout	45635	2535	High	Very Low	Minor adverse	45599	2533	High	Very Low	Minor adverse
88	A12 south of Foxhall Road	36624	2035	High	Very Low	Minor adverse	36687	2038	High	Very Low	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4199	233	Very Low	High	Minor adverse	4720	262	Very Low	High	Minor Adverse

Table 1.37: Fear and Intimidation 2028 18hr AAWT HDVs – Typical Day

Link number	Link name	2028 Reference Case				2028 Reference + Sizewell (typical)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
3	Lovers Lane (LEEIE)	83	Very Low	Very Low	Negligible	252	Very Low	Very Low	Negligible
4a	B1122 (S)	212	Very Low	Medium	Minor Adverse	407	Very Low	Medium	Minor Adverse
4c	B1122 (N)	209	Very Low	Medium	Minor Adverse	433	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	142	Very Low	Medium	Minor Adverse	339	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	61	Very Low	High	Minor Adverse	83	Very Low	High	Minor Adverse
9b	Snape Road	175	Very Low	High	Minor Adverse	179	Very Low	High	Minor Adverse
10	B1122 through Theberton	214	Very Low	Medium	Minor Adverse	0	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	Nil	Medium	Negligible	1328	Low	Medium	Minor Adverse
11	B1125 through Westleton	80	Very Low	High	Minor Adverse	80	Very Low	High	Minor Adverse
12a	B1121 (N)	52	Very Low	Medium	Minor Adverse	74	Very Low	Medium	Minor Adverse
12b	B1119 (E)	69	Very Low	High	Minor Adverse	83	Very Low	High	Minor Adverse
13a	A12 (N)	889	Very Low	Low	Negligible	1175	Low	Low	Minor Adverse
13b	B1122	173	Very Low	Low	Negligible	414	Very Low	Low	Negligible
13d	A1120	184	Very Low	High	Minor Adverse	188	Very Low	High	Minor Adverse
16	A12 Wrentham	435	Very Low	High	Minor Adverse	563	Very Low	High	Minor Adverse
19b	A12 (N)	206	Very Low	High	Minor Adverse	272	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	672	Very Low	Medium	Minor Adverse	1475	Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 Reference Case				2028 Reference + Sizewell (typical)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
21c	A12 (middle)	679	Very Low	Medium	Minor Adverse	1482	Low	Medium	Minor Adverse
21e	A12 (south of B1119)	706	Very Low	Medium	Minor Adverse	1509	Low	Medium	Minor Adverse
22a	A12 (N)	626	Very Low	Very Low	Negligible	1427	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	904	Very Low	Medium	Minor Adverse	57	Very Low	Medium	Minor beneficial
23	A12 Farnham Bend	906	Very Low	Medium	Minor Adverse	11	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	Nil	Medium	Negligible	1676	Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	901	Very Low	Medium	Minor Adverse	44	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	901	Very Low	Medium	Minor Adverse	1699	Low	Medium	Minor Adverse
26	A12 Marlesford	907	Very Low	Medium	Minor Adverse	1710	Low	Medium	Minor Adverse
27	A12 south of Wickham Market	1169	Low	Medium	Minor Adverse	1817	Low	Medium	Minor Adverse
29	B1078 onslip to A12	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
32a	A12 (N)	1181	Low	Very Low	Negligible	1799	Low	Very Low	Negligible
33	A12 south of Woodbridge	951	Very Low	Very Low	Negligible	1531	Low	Very Low	Negligible
34a	A12 (N)	1197	Low	Very Low	Negligible	1768	Low	Very Low	Negligible
34b	Main Road (E)	124	Very Low	High	Minor Adverse	184	Very Low	High	Minor Adverse
41	B1125 through Middleton	41	Very Low	Low	Negligible	41	Very Low	Low	Negligible
53a	A144 (west of A12)	188	Very Low	High	Minor Adverse	186	Very Low	High	Minor Adverse
57	Sizewell Link Road (east of A12)	0	Nil	Medium	Negligible	943	Very Low	Medium	Minor Adverse
59	A12 (south of SLR)	710	Very Low	Very Low	Negligible	1513	Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 Reference Case				2028 Reference + Sizewell (typical)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
63	Theberton Bypass (west of B1125)	0	Nil	Medium	Negligible	1350	Low	Medium	Minor Adverse
64	B1122 north of SZC access	214	Very Low	Medium	Minor Adverse	1330	Low	Medium	Minor Adverse
65	Middleton Moor Link	0	Nil	Medium	Negligible	412	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	166	Very Low	Medium	Minor Adverse	0	Nil	Medium	Minor Beneficial
67	Main Site Access	0	Nil	Very Low	Negligible	1329	Low	Very Low	Negligible
68	Darsham P&R	0	Nil	Very Low	Negligible	132	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	Nil	Very Low	Negligible	132	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
73	B1078 south of B1116	220	Very Low	Medium	Minor Adverse	281	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	173	Very Low	Medium	Minor Adverse	4	Very Low	Medium	Minor Beneficial
75	Lovers Lane	85	Very Low	Very Low	Negligible	250	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	165	Very Low	Medium	Minor Adverse	257	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	56	Very Low	Medium	Minor Adverse	141	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	706	Very Low	Medium	Minor Adverse	1509	Low	Medium	Minor Adverse
82	B1438 Melton Hill	80	Very Low	High	Minor Adverse	69	Very Low	High	Minor Adverse
83	A145 west of A12	232	Very Low	High	Minor Adverse	264	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	192	Very Low	High	Minor Adverse	196	Very Low	High	Minor Adverse

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Table 1.38: Fear and Intimidation 2028 18hr AAWT HDVs – Busiest Day

Link number	Link name	2028 Reference Case				2028 Reference + Sizewell (busiest)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
3	Lovers Lane (LEEIE)	83	Very Low	Very Low	Negligible	252	Very Low	Very Low	Negligible
4a	B1122 (S)	212	Very Low	Medium	Minor Adverse	407	Very Low	Medium	Minor Adverse
4c	B1122 (N)	209	Very Low	Medium	Minor Adverse	433	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	142	Very Low	Medium	Minor Adverse	339	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	61	Very Low	High	Minor Adverse	83	Very Low	High	Minor Adverse
9b	Snape Road	175	Very Low	High	Minor Adverse	175	Very Low	High	Minor Adverse
10	B1122 through Theberton	214	Very Low	Medium	Minor Adverse	0	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	Nil	Medium	Negligible	1678	Low	Medium	Minor Adverse
11	B1125 through Westleton	80	Very Low	High	Minor Adverse	80	Very Low	High	Minor Adverse
12a	B1121 (N)	52	Very Low	Medium	Minor Adverse	74	Very Low	Medium	Minor Adverse
12b	B1119 (E)	69	Very Low	High	Minor Adverse	83	Very Low	High	Minor Adverse
13a	A12 (N)	889	Very Low	Low	Negligible	1227	Low	Low	Minor Adverse
13b	B1122	173	Very Low	Low	Negligible	466	Very Low	Low	Negligible
13d	A1120	184	Very Low	High	Minor Adverse	188	Very Low	High	Minor Adverse
16	A12 Wrentham	435	Very Low	High	Minor Adverse	597	Very Low	High	Minor Adverse
19b	A12 (N)	206	Very Low	High	Minor Adverse	306	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	672	Very Low	Medium	Minor Adverse	1773	Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 Reference Case				2028 Reference + Sizewell (busiest)			
		18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance	18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance
21c	A12 (middle)	679	Very Low	Medium	Minor Adverse	1780	Low	Medium	Minor Adverse
21e	A12 (south of B1119)	706	Very Low	Medium	Minor Adverse	1807	Low	Medium	Minor Adverse
22a	A12 (N)	626	Very Low	Very Low	Negligible	1725	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	904	Very Low	Medium	Minor Adverse	57	Very Low	Medium	Minor Adverse
23	A12 Farnham Bend	906	Very Low	Medium	Minor Adverse	11	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	Nil	Medium	Negligible	1974	Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	901	Very Low	Medium	Minor Adverse	44	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	901	Very Low	Medium	Minor Adverse	1997	Low	Medium	Minor Adverse
26	A12 Marlesford	907	Very Low	Medium	Minor Adverse	2008	Medium	Medium	Moderate Adverse
27	A12 south of Wickham Market	1169	Low	Medium	Minor Adverse	2115	Medium	Medium	Moderate Adverse
29	B1078 onslip to A12	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
32a	A12 (N)	1181	Low	Very Low	Negligible	2097	Medium	Very Low	Minor Adverse
33	A12 south of Woodbridge	951	Very Low	Very Low	Negligible	1809	Low	Very Low	Negligible
34a	A12 (N)	1197	Low	Very Low	Negligible	2046	Medium	Very Low	Minor Adverse
34b	Main Road (E)	124	Very Low	High	Minor Adverse	184	Very Low	High	Minor Adverse
34c	A12 (S)	2342	Medium	Medium	Moderate Adverse	3136	High	Medium	Major Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 Reference Case				2028 Reference + Sizewell (busiest)			
		18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance	18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance
41	B1125 through Middleton	41	Very Low	Low	Negligible	41	Very Low	Low	Negligible
53a	A144 (west of A12)	188	Very Low	High	Minor Adverse	186	Very Low	High	Minor Adverse
57	Sizewell Link Road (east of A12)	0	Nil	Medium	Negligible	1241	Low	Medium	Minor Adverse
59	A12 (south of SLR)	710	Very Low	Very Low	Negligible	1811	Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	Nil	Medium	Negligible	1700	Low	Medium	Minor Adverse
64	B1122 north of SZC access	214	Very Low	Medium	Minor Adverse	1680	Low	Medium	Minor Adverse
65	Middleton Moor Link	0	Nil	Medium	Negligible	464	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	166	Very Low	Medium	Minor Adverse	0	Nil	Medium	Minor Beneficial
67	Main Site Access	0	Nil	Very Low	Negligible	1679	Low	Very Low	Negligible
68	Darsham P&R	0	Nil	Very Low	Negligible	132	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	Nil	Very Low	Negligible	132	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
73	B1078 south of B1116	220	Very Low	Medium	Minor Adverse	281	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	173	Very Low	Medium	Minor Adverse	4	Very Low	Medium	Minor Beneficial
75	Lovers Lane	85	Very Low	Very Low	Negligible	250	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	165	Very Low	Medium	Minor Adverse	257	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	56	Very Low	Medium	Minor Adverse	141	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	706	Very Low	Medium	Minor Adverse	1807	Low	Medium	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 Reference Case				2028 Reference + Sizewell (busiest)			
		18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance	18hr AAW T HDVs	Magnitude	Sensitivity	Effect significance
82	B1438 Melton Hill	80	Very Low	High	Minor Adverse	69	Very Low	High	Minor Adverse
83	A145 west of A12	232	Very Low	High	Minor Adverse	282	Very Low	High	Minor Adverse
87	A12 south of Eagle Way/Anson Rd roundabout	2158	High	Very Low	Minor Adverse	2951	Medium	Very Low	Minor adverse
88	A12 south of Foxhall Road	2250	High	Very Low	Minor Adverse	3066	High	Very Low	Minor adverse
90	A1120 Sibton (east of Mill Hill)	192	Very Low	High	Minor Adverse	196	Very Low	High	Minor Adverse

Table 1.39: Fear and Intimidation 2034 18hr AAWT Total Traffic

Link No.	Link name	2034 Reference Case					2034 Reference + Sizewell				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
10	B1122 through Theberton	6026	335	Very Low	Medium	Minor adverse	406	23	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	0	Nil	Medium	Negligible	6603	367	Very Low	Medium	Minor Adverse
22c	A12 (S) (Farnham)	21724	1207	Medium	Medium	Moderate adverse	476	26	Very Low	Medium	Minor beneficial
23	A12 Farnham Bend	21743	1208	Medium	Medium	Moderate adverse	270	15	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	Nil	Medium	Negligible	21123	1173	Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	21127	1174	Low	Medium	Minor adverse	371	21	Very Low	Medium	Minor beneficial
57	Sizewell Link Road (east of A12)	0	0	Nil	Medium	Negligible	1226	68	Very Low	Medium	Minor Adverse
63	Theberton Bypass (west of B1125)	0	0	Nil	Medium	Negligible	4713	262	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	0	Nil	Medium	Negligible	3598	200	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	3470	193	Very Low	Medium	Minor adverse	91	5	Very Low	Medium	Minor Adverse
67	Main Site Access	0	0	Nil	Very Low	Negligible	1597	89	Very Low	Very Low	Negligible

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Link No.	Link name	2034 Reference Case					2034 Reference + Sizewell				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
74	B1122 (Middleton Moor)	4204	234	Very Low	Medium	Minor adverse	358	20	Very Low	Medium	Minor beneficial

Table 1.40: Fear and Intimidation 2034 18hr AAWT HDVs

Link number	Link name	2034 Reference Case				2034 Reference + Sizewell			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
10	B1122 through Theberton	218	Very Low	Medium	Minor adverse	0	Nil	Medium	Minor Beneficial
10A	Theberton Bypass	0	Nil	Medium	Negligible	255	Very Low	Medium	Minor Adverse
22c	A12 (S) (Farnham)	934	Very Low	Medium	Minor adverse	57	Very Low	Medium	Minor Beneficial
23	A12 Farnham Bend	932	Very Low	Medium	Minor adverse	11	Very Low	Medium	Minor Beneficial
23A	A12 Two Village Bypass	0	Nil	Medium	Negligible	915	Very Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	921	Very Low	Medium	Minor adverse	44	Very Low	Medium	Minor Beneficial
57	Sizewell Link Road (east of A12)	0	Nil	Medium	Negligible	153	Very Low	Medium	Minor Adverse
63	Theberton Bypass (west of B1125)	0	Nil	Medium	Negligible	269	Very Low	Medium	Minor Adverse
65	Middleton Moor Link	0	Nil	Medium	Negligible	142	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	166	Very Low	Medium	Minor adverse	0	Nil	Medium	Minor Beneficial
67	Main Site Access	0	Nil	Very Low	Negligible	20	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	177	Very Low	Medium	Minor adverse	4	Very Low	Medium	Minor Beneficial

APPENDIX 2.5.C SENSITIVITY TEST - 100% HGVS FROM SOUTH

1. Sensitivity test – 100% HGVs from south

1.1. Severance

Table 1.1 – Severance 2023 24 hr AAWT (100% HGVs from south)

Link number	Link name	2023 reference case 24 hr AAWT total traffic	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	7034	7748	10%	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	3246	4746	46%	Low	Very Low	Negligible
4b	Lovers Lane	3294	4567	39%	Low	Very Low	Negligible
4c	B1122 (N)	6047	7681	27%	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	4824	5287	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6037	7671	27%	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2724	3262	20%	Very Low	High	Minor adverse
12c	B1121 (S)	5465	6049	11%	Very Low	Medium	Minor adverse
13b	B1122	4150	5261	27%	Very Low	Low	Negligible
13c	A12 (middle)	15675	17080	9%	Very Low	Low	Negligible
13d	A1120	4109	4580	11%	Very Low	High	Minor adverse
13e	A12 (S)	12137	13276	9%	Very Low	Medium	Minor adverse
17b	B1125	1841	2327	26%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	12614	13924	10%	Very Low	Medium	Minor adverse
21c	A12 (middle)	14850	16179	9%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	14214	15225	7%	Very Low	Medium	Minor adverse
22a	A12 (N)	15748	17250	10%	Very Low	Very Low	Negligible

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Link number	Link name	2023 reference case 24 hr AAWT total traffic	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
22b	A1094	8539	9223	8%	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	20922	22791	9%	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	20932	22795	9%	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew	20301	22157	9%	Very Low	Medium	Minor adverse
25	A12 Little Glemham	20301	22157	9%	Very Low	Medium	Minor adverse
26	A12 Marlesford	20914	22760	9%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	26269	27727	6%	Very Low	Medium	Minor adverse
32a	A12 (N)	26244	27585	5%	Very Low	Very Low	Negligible
32c	A12 (S)	42252	43385	3%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	38523	39064	1%	Very Low	Very Low	Negligible
34a	A12 (N)	40472	41192	2%	Very Low	Very Low	Negligible
34c	A12 (S)	43138	43629	1%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	42252	43385	3%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	12079	13204	9%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	12079	13471	12%	Very Low	Very Low	Negligible
64	B1122 north of SZC access	6037	7671	27%	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3496	4589	31%	Low	Medium	Minor adverse
67	Main Site Access	0	792	792287%	High	Very Low	Minor adverse
68	Darsham P&R	0	282	2819900%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	225	2249900%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2086	2411	16%	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	4150	5237	26%	Very Low	Medium	Minor adverse

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Link number	Link name	2023 reference case 24 hr AAWT total traffic	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
75	Lovers Lane	3294	4787	45%	Low	Very Low	Negligible
78	A12 (north of B1121)	14288	15327	7%	Very Low	Medium	Minor adverse
87	A12 south of Eagle Way	46079	46646	1%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	37975	38783	2%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4255	4728	11%	Very Low	High	Minor adverse

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Table 1.2 – Severance 2028 24 hr AAWT- Busiest Day (100% HGVs from the south)

Link number	Link name	2028 reference case 24 hr AAWT total traffic	2028 reference case + Sizewell (busiest) 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3961	17%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7023	88%	Medium	Medium	Moderate adverse
4c	B1122 (N)	6201	9939	60%	Medium	Medium	Moderate adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Medium	Medium	Moderate adverse
6	B1119 Saxmundham Road	5227	5987	15%	Very Low	High	Minor adverse
9b	Snape Road	5675	6278	11%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	541	-91%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8852	88517967%	High	Medium	Major Adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor Adverse
12a	B1121 (N)	5645	5813	3%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	5440	5981	10%	Very Low	High	Minor Adverse
13a	A12 (N)	15874	16676	7%	Very Low	Low	Negligible
13b	B1122	4288	4453	4%	Very Low	Low	Negligible
13d	A1120	4345	4932	14%	Very Low	High	Minor Adverse
16	A12 Wrentham	10198	11286	11%	Very Low	High	Minor Adverse
19b	A12 (N)	14482	14471	0%	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	13212	14448	9%	Very Low	Medium	Minor Adverse
21c	A12 (middle)	15622	16789	7%	Very Low	Medium	Minor Adverse

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Link number	Link name	2028 reference case 24 hr AAWT total traffic	2028 reference case + Sizewell (busiest) 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
21e	A12 (south of B1119)	15223	16209	6%	Very Low	Medium	Minor Adverse
22a	A12 (N)	16664	18261	10%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22775	227752782%	High	Medium	Major Adverse
24	A12 Stratford St Andrew	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	23043	8%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	21956	23672	8%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	27487	29833	9%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	2215	2382	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29587	8%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	40236	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43432	3%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7302	5%	Very Low	High	Minor Adverse
41	B1125 through Middleton	2184	2854	31%	Low	Low	Minor Adverse
53a	A144 (west of A12)	4617	5317	15%	Very Low	High	Minor Adverse
57	SLR (east of A12)	0	2783	27827361%	High	Medium	Major Adverse
59	A12 (south of SLR)	12577	14360	14%	Very Low	Very Low	Negligible
63	SLR (west of B1125)	0	6859	68585386%	High	Medium	Major Adverse
64	B1122 north of SZC access	6187	9099	47%	Low	Medium	Minor Adverse
65	Sizewell link road	0	4223	42226616%	High	Medium	Major Adverse

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Link number	Link name	2028 reference case 24 hr AAWT total traffic	2028 reference case + Sizewell (busiest) 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5830	58303376%	High	Very Low	Minor Adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	2262	22621526%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	2215	4650	110%	High	Very Low	Minor Adverse
73	B1078 south of B1116	10208	11665	14%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	4288	372	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4011	17%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6644	16%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	15648	16612	6%	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	807	950	18%	Very Low	High	Minor Adverse
83	A145 west of A12	2914	3312	14%	Very Low	High	Minor Adverse
90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	Very Low	High	Minor Adverse

1.2. Pedestrian Delay

Table 1.3 – Pedestrian Delay 2023 24 AAWT (100% HGVs from south)

Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
1	Sizewell Gap	7034	293	1.65	7748	323	1.73	0.08	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	3246	135	1.34	4746	198	1.44	0.09	Very Low	Very Low	Negligible
4b	Lovers Lane	3294	137	1.35	4567	190	1.42	0.08	Very Low	Very Low	Negligible
4c	B1122 (N)	6047	252	1.55	7681	320	1.73	0.18	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Rd	4824	201	1.44	5287	220	1.48	0.04	Very Low	High	Minor Adverse
10	B1122 through Theberton	6037	252	1.55	7671	320	1.72	0.18	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	2724	113	1.32	3262	136	1.34	0.03	Very Low	High	Minor Adverse
12c	B1121 (S)	5465	228	1.50	6049	252	1.55	0.05	Very Low	Medium	Minor Adverse
13b	B1122	4150	173	1.40	5261	219	1.48	0.08	Very Low	Low	Negligible
13c	A12 (middle)	15675	653	3.20	17080	712	3.56	0.36	Very Low	Low	Negligible
13d	A1120	4109	171	1.39	4580	191	1.43	0.03	Very Low	High	Minor Adverse

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
13e	A12 (S)	12137	506	2.42	13276	553	2.65	0.23	Very Low	Medium	Minor Adverse
17b	B1125	1841	77	1.29	2327	97	1.30	0.02	Very Low	High	Minor Adverse
19b	A12 (N)	10768	449	2.17	11543	481	2.31	0.14	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	12614	526	2.51	13924	580	2.79	0.27	Very Low	Medium	Minor Adverse
21c	A12 (middle)	14850	619	3.00	16179	674	3.32	0.33	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	14214	592	2.85	15225	634	3.09	0.23	Very Low	Medium	Minor Adverse
22a	A12 (N)	15748	656	3.21	17250	719	3.61	0.39	Very Low	Very Low	Negligible
22b	A1094	8539	356	1.83	9223	384	1.93	0.10	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	20922	872	4.71	22791	950	5.35	0.64	Very Low	Medium	Minor Adverse
23	A12 Farnham Bend	20932	872	4.71	22795	950	5.36	0.64	Very Low	Medium	Minor Adverse
24	A12 Stratford St Andrew	20301	846	4.51	22157	923	5.13	0.62	Very Low	Medium	Minor Adverse
25	A12 Little Glemham	20301	846	4.51	22157	923	5.13	0.62	Very Low	Medium	Minor Adverse

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
26	A12 Marlesford	20914	871	4.71	22760	948	5.34	0.64	Very Low	Medium	Minor Adverse
27	A12 s/o Wickham Market	26269	1095	6.70	27727	1155	7.32	0.62	Very Low	Medium	Minor Adverse
32a	A12 (N)	26244	1093	6.69	27585	1149	7.26	0.57	Very Low	Very Low	Negligible
32c	A12 (S)	42252	1760	15.33	43385	1808	16.10	0.76	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	38523	1605	12.96	39064	1628	13.29	0.33	Very Low	Very Low	Negligible
34a	A12 (N)	40472	1686	14.17	41192	1716	14.63	0.46	Very Low	Very Low	Negligible
34c	A12 (S)	43138	1797	15.93	43629	1818	16.26	0.34	Very Low	Very Low	Negligible
38b	A12 Woodbridge n/o B1079	42252	1760	15.33	43385	1808	16.10	0.76	Very Low	Very Low	Negligible
58	A12 (north of SLR)	12079	503	2.41	13204	550	2.63	0.22	Very Low	Very Low	Negligible
59	A12 (south of SLR)	12079	503	2.41	13471	561	2.69	0.28	Very Low	Very Low	Negligible
64	B1122 north of SZC access	6037	252	1.55	7671	320	1.72	0.18	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	3496	146	1.36	4589	191	1.43	0.07	Very Low	Medium	Minor Adverse
67	Main Site Access	0	0	1.26	792	33	1.26	0.00	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	1.26	282	12	1.26	0.00	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	1.26	225	9	1.26	0.00	Very Low	Very Low	Negligible

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
70	A12 on-slip (west of WM P&R)	2086	87	1.29	2411	100	1.31	0.01	Very Low	Very Low	Negligible
74	B1122 (Middleton Moor)	4150	173	1.40	5237	218	1.48	0.08	Very Low	Medium	Minor Adverse
75	Lovers Lane	3294	137	1.35	4787	199	1.44	0.10	Very Low	Very Low	Negligible
78	A12 (north of B1121)	14288	595	2.87	15327	639	3.11	0.24	Very Low	Medium	Minor Adverse
87	A12 south of Eagle Way	46079	1920	18.00	46646	1944	18.41	0.41	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	37975	1582	12.63	38783	1616	13.12	0.49	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4255	177	1.40	4728	197	1.44	0.03	Very Low	High	Minor Adverse

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Table 1.4 – Pedestrian Delay 2028 24 AAWT (100% HGVs from south)

Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
3	Lovers Lane (LEEIE)	3371	140	1.35	3961	165	1.38	0.03	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	155	1.37	7023	293	1.65	0.28	Very Low	Medium	Minor Adverse
4c	B1122 (N)	6201	258	1.56	9939	414	2.04	0.48	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	4950	206	1.45	8278	345	1.80	0.35	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Rd	5227	218	1.48	5987	249	1.54	0.07	Very Low	High	Minor Adverse
9b	Snape Road	5675	236	1.51	6278	262	1.57	0.06	Very Low	High	Minor Adverse
10	B1122 Theberton	6187	258	1.56	541	23	1.26	-0.30	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	0	1.26	8852	369	1.88	0.62	Very Low	Medium	Minor Adverse
11	B1125 through Westleton	2823	118	1.32	3104	129	1.34	0.01	Very Low	High	Minor Adverse
12a	B1121 (N)	5645	235	1.51	5813	242	1.53	0.02	Very Low	Medium	Minor Adverse

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
12b	B1119 (E)	5440	227	1.49	5981	249	1.54	0.05	Very Low	High	Minor Adverse
13a	A12 (N)	15874	661	3.25	16676	695	3.45	0.21	Very Low	Low	Negligible
13b	B1122	4288	179	1.40	4453	186	1.42	0.01	Very Low	Low	Negligible
13d	A1120	4345	181	1.41	4932	206	1.45	0.04	Very Low	High	Minor Adverse
16	A12 Wrentham	10198	425	2.08	11286	470	2.26	0.18	Very Low	High	Minor Adverse
17a	A12 (N)	11339	472	2.27	12959	540	2.58	0.31	Very Low	Medium	Minor Adverse
17c	A12 (S)	9456	394	1.96	10927	455	2.20	0.24	Very Low	Very Low	Negligible
19b	A12 (N)	14482	603	2.91	14471	603	2.91	0.00	Very Low	High	Minor Adverse
21b	A12 (north of B1119)	13212	550	2.64	14448	602	2.91	0.27	Very Low	Medium	Minor Adverse
21c	A12 (middle)	15622	651	3.18	16789	700	3.48	0.30	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	15223	634	3.09	16209	675	3.33	0.24	Very Low	Medium	Minor Adverse
22a	A12 (N)	16664	694	3.45	18261	761	3.89	0.44	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	915	5.06	546	23	1.26	-3.80	Very Low	Medium	Minor beneficial

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
23	A12 Farnham Bend	21968	915	5.06	275	11	1.26	-3.80	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	1.26	22775	949	5.35	4.09	Very Low	Medium	Minor Adverse
24	A12 Stratford St Andrew (Low Road)	21333	889	4.85	436	18	1.26	-3.59	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	21333	889	4.85	23043	960	5.45	0.60	Very Low	Medium	Minor Adverse
26	A12 Marlesford	21956	915	5.06	23672	986	5.68	0.62	Very Low	Medium	Minor Adverse
27	A12 south Wickham Market	27487	1145	7.21	29833	1243	8.28	1.06	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	2215	92	1.30	2382	99	1.30	0.01	Very Low	Very Low	Negligible
32a	A12 (N)	27448	1144	7.20	29587	1233	8.16	0.96	Very Low	Very Low	Negligible
32c	A12 (S)	43491	1812	16.17	45262	1886	17.41	1.24	Very Low	Medium	Minor Adverse
33	A12 south Woodbridge	39427	1643	13.51	40236	1677	14.02	0.51	Very Low	Very Low	Negligible
34a	A12 (N)	42247	1760	15.33	43432	1810	16.13	0.80	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	290	1.64	7302	304	1.68	0.04	Very Low	High	Minor Adverse

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
34c	A12 (S)	45170	1882	17.34	46069	1920	17.99	0.65	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	43491	1812	16.17	45262	1886	17.41	1.24	Very Low	Very Low	Negligible
41	B1125 Middleton	2184	91	1.30	2854	119	1.32	0.03	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	192	1.43	5317	222	1.48	0.05	Very Low	High	Minor Adverse
53b	A12 (north of A144)	10158	423	2.07	11706	488	2.34	0.27	Very Low	Very Low	Negligible
57	SLR (east of A12)	0	0	1.26	2783	116	1.32	0.06	Very Low	Medium	Minor Adverse
59	A12 (south of SLR)	12577	524	2.51	14360	598	2.89	0.38	Very Low	Very Low	Negligible
63	SLR (west of B1125)	0	0	1.26	6859	286	1.63	0.37	Very Low	Medium	Minor Adverse
64	B1122 north of SZC access	6187	258	1.56	9099	379	1.91	0.35	Very Low	Medium	Minor Adverse
65	Sizewell link road	0	0	1.26	4223	176	1.40	0.14	Very Low	Medium	Minor Adverse
66	B1122 west of B1125	3588	150	1.36	122	5	1.26	-0.10	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	1.26	5830	243	1.53	0.27	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	1.26	2563	107	1.31	0.05	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	1.26	2262	94	1.30	0.04	Very Low	Very Low	Negligible

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
70	A12 on-slip (west of WM P&R)	2215	92	1.30	4650	194	1.43	0.13	Very Low	Very Low	Negligible
73	B1078 south of B1116	10208	425	2.08	11665	486	2.33	0.25	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	4288	179	1.40	372	15	1.26	-0.14	Very Low	Medium	Minor beneficial
75	Lovers Lane	3423	143	1.35	4011	167	1.39	0.03	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	238	1.52	6644	277	1.61	0.09	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	208	1.46	6417	267	1.58	0.13	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	15648	652	3.19	16612	692	3.44	0.25	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	807	34	1.27	950	40	1.27	0.00	Very Low	High	Minor Adverse
83	A145 west of A12	2914	121	1.33	3312	138	1.35	0.02	Very Low	High	Minor Adverse
84	A12 south of B1126	9142	381	1.92	10264	428	2.09	0.17	Very Low	Very Low	Negligible
86	A12 south of B1387	9915	413	2.03	11349	473	2.28	0.24	Very Low	Very Low	Negligible
87	A12 south of Eagle Way	48801	2033	20.03	49779	2074	20.79	0.76	Very Low	Very Low	Negligible

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Link number	Link name	2023 reference case (total traffic)			2023 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
88	A12 south of Foxhall Rd	39693	1654	13.68	40787	1699	14.37	0.69	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4489	187	1.42	5050	210	1.46	0.04	Very Low	High	Minor Adverse

1.3. Amenity

Table 1.5 – Amenity 2023 24hr AAWT Total Traffic (100% HGVs from south)

Link number	Link name	2023 reference case 24 hr AAWT (total traffic)	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
1	Sizewell Gap	7034	7748	10%	Very Low	Low	Negligible
3	Lovers Lane (LEEIE)	3246	4746	46%	Very Low	Very Low	Negligible
4b	Lovers Lane	3294	4567	39%	Very Low	Very Low	Negligible
4c	B1122 (N)	6047	7681	27%	Very Low	Medium	Minor adverse
6	B1119 Samundham Road	4824	5287	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6037	7671	27%	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2724	3262	20%	Very Low	High	Minor adverse
12c	B1121 (S)	5465	6049	11%	Very Low	Medium	Minor adverse
13b	B1122	4150	5261	27%	Very Low	Low	Negligible
13c	A12 (middle)	15675	17080	9%	Very Low	Low	Negligible
13d	A1120	4109	4580	11%	Very Low	High	Minor adverse
13e	A12 (S)	12137	13276	9%	Very Low	Medium	Minor adverse
17b	B1125	1841	2327	26%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	12614	13924	10%	Very Low	Medium	Minor adverse
21c	A12 (middle)	14850	16179	9%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	14214	15225	7%	Very Low	Medium	Minor adverse
22a	A12 (N)	15748	17250	10%	Very Low	Very Low	Negligible

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Link number	Link name	2023 reference case 24 hr AAWT (total traffic)	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
22b	A1094	8539	9223	8%	Very Low	Low	Negligible
22c	A12 (S) (Farnham)	20922	22791	9%	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	20932	22795	9%	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew	20301	22157	9%	Very Low	Medium	Minor adverse
25	A12 Little Glemham	20301	22157	9%	Very Low	Medium	Minor adverse
26	A12 Marlesford	20914	22760	9%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	26269	27727	6%	Very Low	Medium	Minor adverse
32a	A12 (N)	26244	27585	5%	Very Low	Very Low	Negligible
32c	A12 (S)	42252	43385	3%	Very Low	Medium	Minor adverse
33	A12 south of Woodbridge	38523	39064	1%	Very Low	Very Low	Negligible
34a	A12 (N)	40472	41192	2%	Very Low	Very Low	Negligible
34c	A12 (S)	43138	43629	1%	Very Low	Medium	Minor adverse
38b	A12 Woodbridge n/o B1079	42252	43385	3%	Very Low	Very Low	Negligible
58	A12 (north of SLR)	12079	13204	9%	Very Low	Very Low	Negligible
59	A12 (south of SLR)	12079	13471	12%	Very Low	Very Low	Negligible
64	B1122 north of SZC access	6037	7671	27%	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3496	4589	31%	Very Low	Medium	Minor adverse
67	Main Site Access	0	792	7922287%	High	Very Low	Minor adverse
68	Darsham P&R	0	282	2819900%	Medium	Very Low	Minor adverse
69	Wickham Market P&R	0	225	2249900%	Medium	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2086	2411	16%	Very Low	Very Low	Negligible

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Link number	Link name	2023 reference case 24 hr AAWT (total traffic)	2023 reference case + Sizewell 24 hr AAWT total traffic	% change	Magnitude	Sensitivity	Effect Significance
74	B1122 (Middleton Moor)	4150	5237	26%	Very Low	Medium	Minor adverse
75	Lovers Lane	3294	4787	45%	Very Low	Very Low	Negligible
78	A12 (north of B1121)	14288	15327	7%	Very Low	Medium	Minor adverse
87	A12 south of Eagle Way/Anson Rd roundabout	46079	46646	1%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	37975	38783	2%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4255	4728	11%	Very Low	High	Minor adverse

Table 1.6 – Amenity 2028 – Busiest 24hr AAWT Total Traffic (100% HGVs from south)

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3961	17%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7023	88%	Very Low	Medium	Minor Adverse
4c	B1122 (N)	6201	9939	60%	Very Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Very Low	Medium	Minor Adverse
6	B1119 Saxmundham Road	5227	5987	15%	Very Low	High	Minor Adverse
9b	Snape Road	5675	6278	11%	Very Low	High	Minor Adverse
10	B1122 through Theberton	6187	541	-91%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8852	88517967%	High	Medium	Major Adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor Adverse
12a	B1121 (N)	5645	5813	3%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	5440	5981	10%	Very Low	High	Minor Adverse
13a	A12 (N)	15874	16676	5%	Very Low	Low	Negligible
13b	B1122	4288	4453	4%	Very Low	Low	Negligible
13d	A1120	4345	4932	14%	Very Low	High	Minor Adverse
16	A12 Wrentham	10198	11286	11%	Very Low	High	Minor Adverse
17a	A12 (N)	11339	12959	14%	Very Low	Medium	Minor Adverse
17c	A12 (S)	9456	10927	16%	Very Low	Very Low	Negligible
19b	A12 (N)	14482	14471	0%	Very Low	High	Minor Adverse

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Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
21b	A12 (north of B1119)	13212	14448	9%	Very Low	Medium	Minor Adverse
21c	A12 (middle)	15622	16789	7%	Very Low	Medium	Minor Adverse
21e	A12 (south of B1119)	15223	16209	6%	Very Low	Medium	Minor Adverse
22a	A12 (N)	16664	18261	10%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22775	227752782%	High	Medium	Major Adverse
24	A12 Stratford St Andrew	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	23043	8%	Very Low	Medium	Minor Adverse
26	A12 Marlesford	21956	23672	8%	Very Low	Medium	Minor Adverse
27	A12 south of Wickham Market	27487	29833	9%	Very Low	Medium	Minor Adverse
29	B1078 onslip to A12	2215	2382	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29587	8%	Very Low	Very Low	Negligible
32c	A12 (S)	43491	45262	4%	Very Low	Medium	Minor Adverse
33	A12 south of Woodbridge	39427	40236	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43432	3%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7302	5%	Very Low	High	Minor Adverse
34c	A12 (S)	45170	46069	2%	Very Low	Medium	Minor Adverse
38b	A12 Woodbridge n/o B1079	43491	45262	4%	Very Low	Very Low	Negligible
41	B1125 through Middleton	2184	2854	31%	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	5317	15%	Very Low	High	Minor Adverse

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Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
53b	A12 (north of A144)	10158	11706	15%	Very Low	Very Low	Negligible
57	SLR (east of A12)	0	2783	27827361%	High	Medium	Major Adverse
59	A12 (south of SLR)	12577	14360	14%	Very Low	Very Low	Negligible
63	SLR (west of B1125)	0	6859	68585386%	High	Medium	Major Adverse
64	B1122 north of SZC access	6187	9099	47%	Very Low	Medium	Minor Adverse
65	Sizewell link road	0	4223	42226616%	High	Medium	Major Adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5830	58303376%	High	Very Low	Minor Adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor Adverse
69	Wickham Market P&R	0	2262	22621526%	High	Very Low	Minor Adverse
70	A12 on-slip (west of WM P&R)	2215	4650	110%	Low	Very Low	Minor Adverse
73	B1078 south of B1116	10208	11665	14%	Very Low	Medium	Minor Adverse
74	B1122 (Middleton Moor)	4288	372	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4011	17%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6644	16%	Very Low	Medium	Minor Adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	Very Low	Medium	Minor Adverse
78	A12 (north of B1121)	15648	16612	6%	Very Low	Medium	Minor Adverse
82	B1438 Melton Hill	807	950	18%	Very Low	High	Minor Adverse
83	A145 west of A12	2914	3312	14%	Very Low	High	Minor Adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
84	A12 south of B1126	9142	10264	12%	Very Low	Very Low	Negligible
86	A12 south of B1387	9915	11349	14%	Very Low	Very Low	Negligible
87	A12 south of Eagle Way	48801	49779	2%	Very Low	Very Low	Negligible
88	A12 south of Foxhall Road	39693	40787	3%	Very Low	Very Low	Negligible
90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	Very Low	High	Minor Adverse

APPENDIX 2.5.D TRAFFIC LINK SCREENING - REDUCED HGV NUMBERS

1. REDUCED HGVS (CHANGE 1 AND 2) TRAFFIC LINK SCREENING

Table 1.1: 2028 Screening of HGV reduction links – busiest day

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	1	Sizewell Gap	7239	7345	1%	99	99	0%	Low
No	2	King George's Avenue	6253	6321	1%	92	92	0%	Medium
Yes	3	Lovers Lane (LEEIE)	3371	3961	17%	85	254	199%	Very Low
Yes	4a	B1122 (S)	3732	7023	88%	217	429	98%	Medium
No	4b	Lovers Lane	3423	3871	13%	87	112	29%	Very Low
Yes	4c	B1122 (N)	6201	9939	60%	214	455	113%	Medium
Yes	5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	145	359	148%	Medium
Yes	6	B1119 Samundham Road	5227	5987	15%	62	86	39%	High
No	7	B1069 Coldfair Green	6832	7697	13%	194	198	2%	Medium
No	8	B1122 Aldeburgh	3962	4716	19%	94	94	0%	Medium
No	9a	A1094 (W)	8925	9075	2%	187	183	-2%	Low
Yes	9b	Snape Road	5675	6278	11%	178	178	0%	High
No	9c	A1094 (E)	10297	11043	7%	231	225	-3%	Medium
Yes	10	B1122 through Theberton	6187	541	-91%	218	0	-100%	Medium
Yes	10A	Theberton Bypass	0	8552	8552000%	0	1458	1458000%	Medium
Yes	11	B1125 through Westleton	2823	3104	10%	81	81	0%	High
Yes	12a	B1121 (N)	5645	5813	3%	53	77	45%	Medium

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
Yes	12b	B1119 (E)	5440	5981	10%	70	86	22%	High
No	12c	B1121 (S)	5825	6558	13%	179	173	-3%	Medium
Yes	13a	A12 (N)	15874	16781	6%	908	1232	36%	Low
Yes	13b	B1122	4288	4558	6%	177	455	157%	Low
No	13c	A12 (middle)	16327	16287	0%	862	841	-2%	Low
Yes	13d	A1120	4345	4932	14%	188	192	2%	High
No	13e	A12 (S)	12643	11973	-5%	725	704	-3%	Medium
No	14	A12 north of Darsham park and ride	15592	18086	16%	849	1021	20%	Medium
No	15	A144 Halesworth	8080	8758	8%	246	244	-1%	High
Yes	16	A12 Wrentham	10198	11356	11%	444	588	32%	High
No	17a	A12 (N)	11339	13064	15%	674	852	26%	Medium
No	17b	B1125	1870	2011	8%	55	55	0%	High
No	17c	A12 (S)	9456	11032	17%	630	808	28%	Very Low
No	18	A145 Beccles	9342	9619	3%	453	484	7%	High
No	19a	A1117 (N)	9849	10230	4%	26	32	21%	High
Yes	19b	A12 (N)	14482	14541	0%	210	280	33%	High
No	19c	B1384 Stradbroke Rd	10465	10551	1%	10	12	20%	High
No	19d	A12 (S)	12938	13450	4%	528	600	14%	High
No	19e	A1145 (W)	16277	16341	0%	320	320	0%	High
No	20	A1095 Southwold	4410	4456	1%	79	79	0%	High

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	21a	B1119 (west of A12)	3372	3451	2%	75	75	0%	High
Yes	21b	A12 (north of B1119)	13212	14043	6%	686	1576	130%	Medium
Yes	21c	A12 (middle)	15622	16384	5%	693	1583	128%	Medium
No	21d	B1119 (east of A12)	5916	5682	-4%	145	145	0%	High
Yes	21e	A12 (south of B1119)	15223	15804	4%	721	1611	123%	Medium
Yes	22a	A12 (N)	16664	17856	7%	639	1526	139%	Very Low
No	22b	A1094	8900	9013	1%	187	183	-2%	Low
Yes	22c	A12 (S) (Farnham)	21955	546	-98%	923	58	-94%	Medium
Yes	23	A12 Farnham Bend	21968	275	-99%	925	11	-99%	Medium
Yes	23A	A12 Two Village Bypass	0	22370	2237000%	0	1781	1781000%	Medium
Yes	24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	919	44	-95%	Medium
Yes	25	A12 Little Glemham	21333	22638	6%	919	1805	96%	Medium
Yes	26	A12 Marlesford	21956	23267	6%	926	1816	96%	Medium
Yes	27	A12 south of Wickham Market	27487	29428	7%	1194	1903	59%	Medium
No	28a	B1078 Wickham Market	5644	6602	17%	165	161	-2%	Medium
No	28b	B1078 Wickham Market (east of B1438)	4524	5478	21%	176	161	-9%	Medium
No	28c	B1438 High Street, Wickham Market	3286	3370	3%	11	0	-100%	Medium
Yes	29	B1078 onslip to A12	2215	2382	8%	95	163	72%	Very Low
No	30	B1116 Hatcheston	7737	7927	2%	79	79	0%	Low
No	31	B1069 Tunstall	3838	4363	14%	153	153	0%	Medium

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
Yes	32a	A12 (N)	27448	29182	6%	1206	1879	56%	Very Low
No	32b	A1152	20427	20177	-1%	793	791	0%	High
No	32c	A12 (S)	43491	44857	3%	2263	2903	28%	Medium
Yes	33	A12 south of Woodbridge	39427	39831	1%	971	1584	63%	Very Low
Yes	34a	A12 (N)	42247	43027	2%	1221	1825	49%	Very Low
Yes	34b	Main Road (E)	6950	7302	5%	127	199	57%	High
No	34c	A12 (S)	45170	45664	1%	2391	2929	23%	Medium
No	34d	A1214 Main Road (W)	25667	25904	1%	657	721	10%	High
No	35	A14 south of Ipswich (east of Copdock jcn)	84366	84990	1%	12946	13290	3%	Medium
No	36	A14 south of Ipswich (west of Seven Hills jcn)	65618	66163	1%	10239	10679	4%	Medium
No	37	A14 Felixstowe branch (east of Seven Hills jcn)	50862	50911	0%	8612	8640	0%	Medium
No	38a	B1079 Woodbridge w/o A12	15882	15844	0%	637	631	-1%	Low
No	38b	A12 Woodbridge n/o B1079	43491	44857	3%	2263	2903	28%	Very Low
No	38c	B1079 Woodbridge e/o A12	14662	14569	-1%	981	958	-2%	High
No	39a	A1094 (west of B1069)	12023	12746	6%	238	232	-3%	Very Low
No	39b	B1069 (north of A1094)	6802	7638	12%	209	215	3%	Very Low
No	39c	A1094 (east of B1069)	5144	5328	4%	155	153	-1%	Low
Yes	41	B1125 through Middleton	2184	2854	31%	42	42	0%	Low
No	42	B1125 (south of B1387)	2099	2225	6%	55	55	0%	Medium
No	43	A1120 (east of Dennington)	3160	3369	7%	236	236	0%	Medium

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	44	A1120 (west of Dennington)	5364	5563	4%	663	663	0%	High
No	45	A1120 (east of Pettaugh)	13458	13737	2%	1178	1178	0%	Medium
No	46	B1119 (east of Framlingham)	3616	3705	2%	97	95	-2%	High
No	47	B1119 (through Framlingham)	9025	9268	3%	748	745	0%	High
No	48	B1119 (east of Saxstead Green)	5611	5771	3%	845	843	0%	High
No	49	B1078 (east of Clopton)	4298	5194	21%	165	163	-1%	Low
No	50	B1079 (west of Clopton)	12375	13273	7%	624	618	-1%	Very Low
No	51	B1078 (through Gibraltar)	10243	11129	9%	624	618	-1%	High
No	52	B1078 (west of Coddendam)	8710	9364	8%	613	611	0%	High
Yes	53a	A144 (west of A12)	4617	5317	15%	192	190	-1%	High
No	53b	A12 (north of A144)	10158	11811	16%	638	817	28%	Very Low
No	53c	A12 (south of A144)	14589	17026	17%	848	1022	21%	Very Low
No	55	A140 (south of B1078)	35655	36613	3%	3973	3967	0%	Medium
No	56	A140 (north of B1078)	27451	27753	1%	3403	3399	0%	Medium
Yes	57	Sizewell Link Road (east of A12)	0	2378	2378000%	0	1032	1032000%	Medium
No	58	A12 (north of SLR)	12577	12061	-4%	725	704	-3%	Very Low
Yes	59	A12 (south of SLR)	12577	13955	11%	725	1615	123%	Very Low
No	62	B1079 (south of Otley)	2138	2143	0%	0	0	0%	Medium
Yes	63	Theberton Bypass (west of B1125)	0	6559	6559000%	0	1481	1481000%	Medium
Yes	64	B1122 north of SZC access	6187	8799	42%	218	1460	569%	Medium

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
Yes	65	Sizewell link road	0	4328	4328000%	0	453	453000%	Medium
Yes	66	B1122 west of B1125	3588	122	-97%	169	0	-100%	Medium
Yes	67	Main Site Access	0	5530	5530000%	0	1472	1472000%	Very Low
Yes	68	Darsham P&R	0	2563	2563000%	0	152	152000%	Very Low
Yes	69	Wickham Market P&R	0	2262	264500%	0	152	152000%	Very Low
Yes	70	A12 on-slip (west of WM P&R)	2215	4650	110%	95	163	72%	Very Low
No	71	B1116 north of B1078	8192	8390	2%	84	84	0%	Very Low
No	72	B1078 west of B1116	4500	5473	22%	183	170	-7%	Medium
Yes	73	B1078 south of B1116	10208	11665	14%	225	296	32%	Medium
Yes	74	B1122 (Middleton Moor)	4288	372	-91%	177	4	-98%	Medium
Yes	75	Lovers Lane	3423	4011	17%	87	252	190%	Very Low
Yes	76	B1069 (north of Aldringham Lane)	5713	6644	16%	169	268	59%	Medium
Yes	77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	57	150	162%	Medium
Yes	78	A12 (north of B1121)	15648	16207	4%	721	1611	123%	Medium
No	79	B1121 at Benhall	6141	6887	12%	178	172	-3%	Low
No	80	A1152 at Rendlesham	7278	7636	5%	294	292	-1%	Very Low
No	81	B1078 at Campsea Ashe	1769	1721	-3%	0	0	0%	High
Yes	82	B1438 Melton Hill	807	950	18%	81	70	-14%	High
Yes	83	A145 west of A12	2914	3347	15%	237	272	15%	High
No	84	A12 south of B1126	9142	10334	13%	487	630	29%	Very Low

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (busiest)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	sensitivity
No	85	A12 south of A1095	11635	12954	11%	684	830	21%	Very Low
No	86	A12 south of B1387	9915	11454	16%	675	856	27%	Very Low
No	87	A12 south of Eagle Way/Anson Rd roundabout	48801	49374	1%	2204	2740	24%	Very Low
No	88	A12 south of Foxhall Road	39693	40382	2%	2297	2858	24%	Very Low
No	89	A1120 east of A140	14553	14859	2%	2018	2022	0%	High
Yes	90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	196	200	2%	High
No	91	A1152 at Eyke	7358	7582	3%	300	296	-1%	High

NOT PROTECTIVELY MARKED

Table 1.2: 2028 Screening of links – Typical day (Changes 1 and 2)

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (typical)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	Sensitivity
No	1	Sizewell Gap	7239	7345	1%	99	99	0%	Low
No	2	King George's Avenue	6253	6312	1%	92	92	0%	Medium
Yes	3	Lovers Lane (LEEIE)	3371	3975	18%	85	254	199%	Very Low
Yes	4a	B1122 (S)	3732	7017	88%	217	429	98%	Medium
No	4b	Lovers Lane	3423	3885	13%	87	112	29%	Very Low
Yes	4c	B1122 (N)	6201	9956	61%	214	455	113%	Medium
Yes	5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	145	359	148%	Medium
Yes	6	B1119 Saxmundham Road	5227	5963	14%	62	86	39%	High
No	7	B1069 Coldfair Green	6832	7699	13%	194	198	2%	Medium
No	8	B1122 Aldeburgh	3962	4718	19%	94	94	0%	Medium
No	9a	A1094 (W)	8925	9096	2%	187	183	-2%	Low
Yes	9b	Snape Road	5675	6270	10%	178	178	0%	High
No	9c	A1094 (E)	10297	11052	7%	231	225	-3%	Medium
Yes	10	B1122 through Theberton	6187	523	-92%	218	0	-100%	Medium
Yes	10A	Theberton Bypass	0	8386	8386000%	0	1258	1258000%	Medium
Yes	11	B1125 through Westleton	2823	3104	10%	81	81	0%	High
Yes	12a	B1121 (N)	5645	5770	2%	53	77	45%	Medium
Yes	12b	B1119 (E)	5440	5961	10%	70	86	22%	High

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (typical)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	Sensitivity
No	12c	B1121 (S)	5825	6552	12%	179	173	-3%	Medium
Yes	13a	A12 (N)	15874	16805	6%	908	1202	32%	Low
Yes	13b	B1122	4288	4522	5%	177	425	140%	Low
No	13c	A12 (middle)	16327	16335	0%	862	841	-2%	Low
Yes	13d	A1120	4345	4910	13%	188	192	2%	High
No	13e	A12 (S)	12643	12051	-5%	725	704	-3%	Medium
No	14	A12 north of Darsham park and ride	15592	18110	16%	849	991	17%	Medium
No	15	A144 Halesworth	8080	8754	8%	246	244	-1%	High
Yes	16	A12 Wrentham	10198	11359	11%	444	568	28%	High
No	17a	A12 (N)	11339	13078	15%	674	822	22%	Medium
No	17b	B1125	1870	2011	8%	55	55	0%	High
No	17c	A12 (S)	9456	11046	17%	630	778	24%	Very Low
No	18	A145 Beccles	9342	9613	3%	453	474	5%	High
No	19a	A1117 (N)	9849	10244	4%	26	32	21%	High
No	19b	A12 (N)	14482	14538	0%	210	261	24%	High
No	19c	B1384 Stradbroke Rd	10465	10549	1%	10	12	20%	High
No	19d	A12 (S)	12938	13458	4%	528	580	10%	High
No	19e	A1145 (W)	16277	16347	0%	320	320	0%	High
No	20	A1095 Southwold	4410	4456	1%	79	79	0%	High
No	21a	B1119 (west of A12)	3372	3437	2%	75	75	0%	High

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (typical)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	Sensitivity
Yes	21b	A12 (north of B1119)	13212	13938	5%	686	1405	105%	Medium
Yes	21c	A12 (middle)	15622	16269	4%	693	1413	104%	Medium
No	21d	B1119 (east of A12)	5916	5672	-4%	145	145	0%	High
Yes	21e	A12 (south of B1119)	15223	15735	3%	721	1440	100%	Medium
Yes	22a	A12 (N)	16664	17784	7%	639	1356	112%	Very Low
No	22b	A1094	8900	9034	2%	187	183	-2%	Low
Yes	22c	A12 (S) (Farnham)	21955	546	-98%	923	58	-94%	Medium
Yes	23	A12 Farnham Bend	21968	275	-99%	925	11	-99%	Medium
Yes	23A	A12 Two Village Bypass	0	22319	22319000 %	0	1611	161100 0%	Medium
Yes	24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	919	44	-95%	Medium
Yes	25	A12 Little Glemham	21333	22584	6%	919	1634	78%	Medium
Yes	26	A12 Marlesford	21956	23216	6%	926	1645	78%	Medium
Yes	27	A12 south of Wickham Market	27487	29426	7%	1194	1732	45%	Medium
No	28a	B1078 Wickham Market	5644	6591	17%	165	161	-2%	Medium
No	28b	B1078 Wickham Market (east of B1438)	4524	5468	21%	176	161	-9%	Medium
No	28c	B1438 High Street, Wickham Market	3286	3372	3%	11	0	-100%	Medium
Yes	29	B1078 onslip to A12	2215	2384	8%	95	163	72%	Very Low
No	30	B1116 Hatcheston	7737	7937	3%	79	79	0%	Low
No	31	B1069 Tunstall	3838	4359	14%	153	153	0%	Medium
Yes	32a	A12 (N)	27448	29212	6%	1206	1708	42%	Very Low

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Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (typical)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	Sensitivity
No	32b	A1152	20427	20204	-1%	793	791	0%	High
No	32c	A12 (S)	43491	44928	3%	2263	2732	21%	Medium
Yes	33	A12 south of Woodbridge	39427	40079	2%	971	1434	48%	Very Low
Yes	34a	A12 (N)	42247	43222	2%	1221	1675	37%	Very Low
Yes	34b	Main Road (E)	6950	7216	4%	127	199	57%	High
No	34c	A12 (S)	45170	45769	1%	2391	2773	16%	Medium
Yes	34d	A1214 Main Road (W)	25667	25900	1%	657	723	10%	High
No	35	A14 south of Ipswich (east of Copdock jcn)	84366	84880	1%	12946	13168	2%	Medium
No	36	A14 south of Ipswich (west of Seven Hills jcn)	65618	66237	1%	10239	10539	3%	Medium
No	37	A14 Felixstowe branch (east of Seven Hills jcn)	50862	50933	0%	8612	8625	0%	Medium
No	38a	B1079 Woodbridge w/o A12	15882	15910	0%	637	631	-1%	Low
No	38b	A12 Woodbridge n/o B1079	43491	44928	3%	2263	2732	21%	Very Low
No	38c	B1079 Woodbridge e/o A12	14662	14612	0%	981	958	-2%	High
No	39a	A1094 (west of B1069)	12023	12756	6%	238	232	-3%	Very Low
No	39b	B1069 (north of A1094)	6802	7648	12%	209	215	3%	Very Low
No	39c	A1094 (east of B1069)	5144	5328	4%	155	153	-1%	Low
Yes	41	B1125 through Middleton	2184	2861	31%	42	42	0%	Low
No	42	B1125 (south of B1387)	2099	2225	6%	55	55	0%	Medium
No	43	A1120 (east of Dennington)	3160	3338	6%	236	236	0%	Medium

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (typical)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	Sensitivity
No	44	A1120 (west of Dennington)	5364	5537	3%	663	663	0%	High
No	45	A1120 (east of Pettaugh)	13458	13684	2%	1178	1178	0%	Medium
No	46	B1119 (east of Framlingham)	3616	3686	2%	97	95	-2%	High
No	47	B1119 (through Framlingham)	9025	9252	3%	748	745	0%	High
No	48	B1119 (east of Saxstead Green)	5611	5744	2%	845	843	0%	High
No	49	B1078 (east of Clopton)	4298	5155	20%	165	163	-1%	Low
No	50	B1079 (west of Clopton)	12375	13236	7%	624	618	-1%	Very Low
No	51	B1078 (through Gibraltar)	10243	11092	8%	624	618	-1%	High
No	52	B1078 (west of Coddendam)	8710	9275	6%	613	613	0%	High
Yes	53a	A144 (west of A12)	4617	5321	15%	192	190	-1%	High
No	53b	A12 (north of A144)	10158	11839	17%	638	787	23%	Very Low
No	53c	A12 (south of A144)	14589	17058	17%	848	992	17%	Very Low
No	55	A140 (south of B1078)	35655	36440	2%	3973	3969	0%	Medium
No	56	A140 (north of B1078)	27451	27685	1%	3403	3399	0%	Medium
Yes	57	Sizewell Link Road (east of A12)	0	2232	2232000%	0	862	862000%	Medium
No	58	A12 (north of SLR)	12577	12144	-3%	725	704	-3%	Very Low
Yes	59	A12 (south of SLR)	12577	13881	10%	725	1444	99%	Very Low
No	62	B1079 (south of Otley)	2138	2137	0%	0	0	0%	Medium
Yes	63	Theberton Bypass (west of B1125)	0	6381	6381000%	0	1281	1281000%	Medium

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (typical)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	Sensitivity
Yes	64	B1122 north of SZC access	6187	8618	39%	218	1260	477%	Medium
Yes	65	Middleton Moor Link	0	4294	4294000%	0	423	423000%	Medium
Yes	66	B1122 west of B1125	3588	122	-97%	169	0	-100%	Medium
Yes	67	Main Site Access	0	5332	5332000%	0	1272	127200%	Very Low
Yes	68	Darsham P&R	0	2563	2563000%	0	152	152000%	Very Low
Yes	69	Wickham Market P&R	0	2277	2277000%	0	152	152000%	Very Low
Yes	70	A12 on-slip (west of WM P&R)	2215	4667	111%	95	163	72%	Very Low
No	71	B1116 north of B1078	8192	8401	3%	84	84	0%	Very Low
No	72	B1078 west of B1116	4500	5461	21%	183	170	-7%	Medium
Yes	73	B1078 south of B1116	10208	11679	14%	225	296	32%	Medium
Yes	74	B1122 (Middleton Moor)	4288	366	-91%	177	4	-98%	Medium
Yes	75	Lovers Lane	3423	4025	18%	87	252	190%	Very Low
Yes	76	B1069 (north of Aldringham Lane)	5713	6650	16%	169	268	59%	Medium
Yes	77	Aldeburgh Rd (north of Aldringham Lane)	4990	6419	29%	57	150	162%	Medium
Yes	78	A12 (north of B1121)	15648	16143	3%	721	1440	100%	Medium
No	79	B1121 at Benhall	6141	6878	12%	178	172	-3%	Low
No	80	A1152 at Rendlesham	7278	7624	5%	294	292	-1%	Very Low
No	81	B1078 at Campsea Ashe	1769	1729	-2%	0	0	0%	High

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Scoped in	Link number	Link name	2028 reference case (total traffic)	2028 reference case + Sizewell (typical)	% change	2028 Reference case HDVs	2028 reference case + Sizewell	% change	Sensitivity
Yes	82	B1438 Melton Hill	807	938	16%	81	70	-14%	High
Yes	83	A145 west of A12	2914	3357	15%	237	262	10%	High
No	84	A12 south of B1126	9142	10344	13%	487	611	26%	Very Low
No	85	A12 south of A1095	11635	12968	11%	684	811	18%	Very Low
No	86	A12 south of B1387	9915	11471	16%	675	826	22%	Very Low
No	87	A12 south of Eagle Way/Anson Rd roundabout	48801	49488	1%	2204	2582	17%	Very Low
No	88	A12 south of Foxhall Road	39693	40413	2%	2297	2689	17%	Very Low
No	89	A1120 east of A140	14553	14797	2%	2018	2022	0%	High
Yes	90	A1120 Sibton (east of Mill Hill)	4489	5024	12%	196	200	2%	High
No	91	A1152 at Eyke	7358	7566	3%	300	296	-1%	High

NOT PROTECTIVELY MARKED

APPENDIX 2.5.E ASSESSMENT TABLES - REDUCED HGV NUMBERS

1 Assessment Tables (Reduced HGV numbers – Changes 1 and 2)

1.1 Severance

Table 1.1: Severance 2028 24 hr AAWT Total Traffic – HGV reduction (Changes 1 and 2) – Typical Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (typical) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3975	18%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7017	88%	Medium	Medium	Moderate adverse
4c	B1122 (N)	6201	9956	61%	Medium	Medium	Moderate adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Medium	Medium	Moderate adverse
6	B1119 Saxmundham Road	5227	5963	14%	Very Low	High	Minor adverse
9b	Snape Road	5675	6270	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	523	-92%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8386	83857625%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5770	2%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5961	10%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (typical) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
13a	A12 (N)	15874	16805	6%	Very Low	Low	Negligible
13b	B1122	4288	4522	5%	Very Low	Low	Negligible
13d	A1120	4345	4910	13%	Very Low	High	Minor adverse
16	A12 Wrentham	10198	11359	11%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	13938	5%	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	16269	4%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	15735	3%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	17784	7%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22319	223190333%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	22584	6%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23216	6%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29426	7%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2384	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29212	6%	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (typical) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
33	A12 south of Woodbridge	39427	40079	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43222	2%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7216	4%	Very Low	High	Minor adverse
41	B1125 through Middleton	2184	2861	31%	Low	Low	Minor adverse
53a	A144 (west of A12)	4617	5321	15%	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	2232	223190333%	High	Medium	Major adverse
59	A12 (south of SLR)	12577	13881	10%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	6381	63811415%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	8618	39%	Low	Medium	Minor adverse
65	Middleton Moor Link	0	4294	42940464%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5332	53322949%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	2565379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2277	22768788%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4667	111%	High	Very Low	Minor adverse
73	B1078 south of B1116	10208	11679	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	366	-91%	High	Medium	Major Beneficial

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (typical) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
75	Lovers Lane	3423	4025	18%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6650	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6419	29%	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	16143	3%	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	938	16%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3357	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	5024	12%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.2: Severance 2028 24 hr AAWT Total Traffic – HGV reduction (Changes 1 and 2) – Busiest Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (busiest) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3961	17%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7023	88%	Medium	Medium	Moderate adverse
4c	B1122 (N)	6201	9939	60%	Medium	Medium	Moderate adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Medium	Medium	Moderate adverse
6	B1119 Saxmundham Road	5227	5987	15%	Very Low	High	Minor adverse
9b	Snape Road	5675	6278	11%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	541	-91%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8552	85517967%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5813	3%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5981	10%	Very Low	High	Minor adverse
13a	A12 (N)	15874	16781	6%	Very Low	Low	Negligible
13b	B1122	4288	4558	6%	Very Low	Low	Negligible
13d	A1120	4345	4932	14%	Very Low	High	Minor adverse
16	A12 Wrentham	10198	11356	11%	Very Low	High	Minor adverse
19b	A12 (N)	14482	14541	0%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	14043	6%	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (busiest) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
21c	A12 (middle)	15622	16384	5%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	15804	4%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	17856	7%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22370	223702782%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	22638	6%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23267	6%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29428	7%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2382	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29182	6%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	39831	1%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43027	2%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7302	5%	Very Low	High	Minor adverse
41	B1125 through Middleton	2184	2854	31%	Low	Low	Minor adverse
53a	A144 (west of A12)	4617	5317	15%	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	2378	23777361%	High	Medium	Major adverse
59	A12 (south of SLR)	12577	13955	11%	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell (busiest) 24 hr AAWT (total traffic)	% change	Magnitude	Sensitivity	Effect Significance
63	Theberton Bypass (west of B1125)	0	6559	65585386%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	8799	42%	Low	Medium	Minor adverse
65	Middleton Moor Link	0	4328	43276616%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5530	55303376%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2262	22621526%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4650	110%	High	Very Low	Minor adverse
73	B1078 south of B1116	10208	11665	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	372	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4011	17%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6644	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	16207	4%	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	950	18%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3347	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	Very Low	High	Minor adverse

1.2 Pedestrian Delay

Table 1.3: Pedestrian Delay 2028 24 AAWT Total Traffic – HGV reduction (Changes 1 and 2) -Typical Day

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
3	Lovers Lane (LEEIE)	3371	140	1.35	3975	166	1.38	0.03	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	155	1.37	7017	292	1.65	0.28	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	258	1.56	9956	415	2.04	0.48	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	206	1.45	8278	345	1.80	0.35	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	218	1.48	5963	248	1.54	0.06	Very Low	High	Minor adverse
9b	Snape Road	5675	236	1.51	6270	261	1.57	0.06	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	258	1.56	523	22	1.26	-0.30	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	0	1.26	8386	349	1.81	0.55	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2823	118	1.32	3104	129	1.34	0.01	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
12a	B1121 (N)	5645	235	1.51	5770	240	1.52	0.01	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	227	1.49	5961	248	1.54	0.05	Very Low	High	Minor adverse
13a	A12 (N)	15874	661	3.25	16805	700	3.49	0.24	Very Low	Low	Negligible
13b	B1122	4288	179	1.40	4522	188	1.42	0.02	Very Low	Low	Negligible
13d	A1120	4345	181	1.41	4910	205	1.45	0.04	Very Low	High	Minor adverse
16	A12 Wrentham	10198	425	2.08	11359	473	2.28	0.20	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	550	2.64	13938	581	2.79	0.16	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	651	3.18	16269	678	3.35	0.16	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	634	3.09	15735	656	3.21	0.12	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	694	3.45	17784	741	3.75	0.30	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	915	5.06	546	23	1.26	-3.80	Very Low	Medium	Minor beneficial
23	A12 Farnham Bend	21968	915	5.06	275	11	1.26	-3.80	Very Low	Medium	Minor beneficial

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
23A	A12 Two Village Bypass	0	0	1.26	22319	930	5.19	3.93	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	21333	889	4.85	436	18	1.26	-3.59	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	21333	889	4.85	22584	941	5.28	0.43	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	915	5.06	23216	967	5.51	0.45	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	1145	7.21	29426	1226	8.08	0.87	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	92	1.30	2384	99	1.30	0.01	Very Low	Very Low	Negligible
32a	A12 (N)	27448	1144	7.20	29212	1217	7.99	0.79	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	1643	13.51	40079	1670	13.92	0.41	Very Low	Very Low	Negligible
34a	A12 (N)	42247	1760	15.33	43222	1801	15.98	0.66	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	290	1.64	7216	301	1.67	0.03	Very Low	High	Minor adverse
41	B1125 through Middleton	2184	91	1.30	2861	119	1.32	0.03	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	192	1.43	5321	222	1.48	0.06	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	0	1.26	2232	93	1.30	0.04	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	12577	524	2.51	13881	578	2.78	0.27	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
63	Theberton Bypass (west of B1125)	0	0	1.26	6381	266	1.58	0.32	Very Low	Medium	Minor adverse
64	B1122 north of SZC access	6187	258	1.56	8618	359	1.85	0.28	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	0	1.26	4294	179	1.41	0.15	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3588	150	1.36	122	5	1.26	-0.10	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	1.26	5332	222	1.48	0.22	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	1.26	2563	107	1.31	0.05	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	1.26	2277	95	1.30	0.04	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	2215	92	1.30	4667	194	1.43	0.13	Very Low	Very Low	Negligible
73	B1078 south of B1116	10208	425	2.08	11679	487	2.34	0.25	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	179	1.40	366	15	1.26	-0.14	Very Low	Medium	Minor beneficial
75	Lovers Lane	3423	143	1.35	4025	168	1.39	0.04	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	238	1.52	6650	277	1.61	0.09	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	208	1.46	6419	267	1.58	0.13	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (Typical)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
78	A12 (north of B1121)	15648	652	3.19	16143	673	3.31	0.12	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	34	1.27	938	39	1.27	0.00	Very Low	High	Minor adverse
83	A145 west of A12	2914	121	1.33	3357	140	1.35	0.02	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	187	1.42	5024	209	1.46	0.04	Very Low	High	Minor adverse

Table 1.4: Pedestrian Delay 2028 24 AAWT Total Traffic – HGV reduction (Changes 1 and 2) – Busiest Day

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
3	Lovers Lane (LEEIE)	3371	140	1.35	3961	165	1.38	0.03	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	155	1.37	7023	293	1.65	0.28	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	258	1.56	9939	414	2.04	0.48	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	206	1.45	8278	345	1.80	0.35	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	218	1.48	5987	249	1.54	0.07	Very Low	High	Minor adverse
9b	Snape Road	5675	236	1.51	6278	262	1.57	0.06	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	258	1.56	541	23	1.26	-0.30	Very Low	Medium	Minor beneficial
10A	Theberton Bypass	0	0	1.26	8552	356	1.84	0.58	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2823	118	1.32	3104	129	1.34	0.01	Very Low	High	Minor adverse
12a	B1121 (N)	5645	235	1.51	5813	242	1.53	0.02	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	227	1.49	5981	249	1.54	0.05	Very Low	High	Minor adverse
13a	A12 (N)	15874	661	3.25	16781	699	3.48	0.23	Very Low	Low	Negligible
13b	B1122	4288	179	1.40	4558	190	1.42	0.02	Very Low	Low	Negligible
13d	A1120	4345	181	1.41	4932	206	1.45	0.04	Very Low	High	Minor adverse
16	A12 Wrentham	10198	425	2.08	11356	473	2.28	0.20	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
19b	A12 (N)	14482	603	2.91	14541	606	2.93	0.01	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	550	2.64	14043	585	2.81	0.18	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	651	3.18	16384	683	3.38	0.19	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	634	3.09	15804	659	3.23	0.14	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	694	3.45	17856	744	3.77	0.32	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	915	5.06	546	23	1.26	-3.80	Very Low	Medium	Minor beneficial
23	A12 Farnham Bend	21968	915	5.06	275	11	1.26	-3.80	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	1.26	22370	932	5.20	3.94	Very Low	Medium	Minor adverse
24	A12 Stratford St Andrew	21333	889	4.85	436	18	1.26	-3.59	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	21333	889	4.85	22638	943	5.30	0.45	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	915	5.06	23267	969	5.53	0.47	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	1145	7.21	29428	1226	8.09	0.87	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	92	1.30	2382	99	1.30	0.01	Very Low	Very Low	Negligible
32a	A12 (N)	27448	1144	7.20	29182	1216	7.97	0.77	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	1643	13.51	39831	1660	13.77	0.25	Very Low	Very Low	Negligible
34a	A12 (N)	42247	1760	15.33	43027	1793	15.85	0.52	Very Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
34b	Main Road (E)	6950	290	1.64	7302	304	1.68	0.04	Very Low	High	Minor adverse
41	B1125 through Middleton	2184	91	1.30	2854	119	1.32	0.03	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	192	1.43	5317	222	1.48	0.05	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	0	1.26	2378	99	1.30	0.04	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	12577	524	2.51	13955	581	2.79	0.29	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	0	1.26	6559	273	1.60	0.34	Very Low	Medium	Minor adverse
64	B1122 north of SZC access	6187	258	1.56	8799	367	1.87	0.31	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	0	1.26	4328	180	1.41	0.15	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3588	150	1.36	122	5	1.26	-0.10	Very Low	Medium	Minor beneficial
67	Main Site Access	0	0	1.26	5530	230	1.50	0.24	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	1.26	2563	107	1.31	0.05	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	1.26	2262	94	1.30	0.04	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	2215	92	1.30	4650	194	1.43	0.13	Very Low	Very Low	Negligible
73	B1078 south of B1116	10208	425	2.08	11665	486	2.33	0.25	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	179	1.40	372	15	1.26	-0.14	Very Low	Medium	Minor beneficial

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case (total traffic)			2028 reference case + Sizewell (busiest)			Mean Pedestrian Delay Increase (seconds)	Magnitude	Sensitivity	Effect Significance
		24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)	24 hour AAWT vehicles	Average vehicles per hour	Mean Pedestrian Delay (seconds)				
75	Lovers Lane	3423	143	1.35	4011	167	1.39	0.03	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	238	1.52	6644	277	1.61	0.09	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	208	1.46	6417	267	1.58	0.13	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	652	3.19	16207	675	3.33	0.14	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	34	1.27	950	40	1.27	0.00	Very Low	High	Minor adverse
83	A145 west of A12	2914	121	1.33	3347	139	1.35	0.02	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	187	1.42	5050	210	1.46	0.04	Very Low	High	Minor adverse

1.3 Amenity

Table 1.5: Amenity 2028 24hr AAWT Total Traffic – HGV Reduction (Changes 1 and 2) – Typical Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (Typical)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3975	18%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7017	88%	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	9956	61%	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	5963	14%	Very Low	High	Minor adverse
9b	Snape Road	5675	6270	10%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	523	-92%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	8386	83857625%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5770	2%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5961	10%	Very Low	High	Minor adverse
13a	A12 (N)	15874	16805	6%	Very Low	Low	Negligible
13b	B1122	4288	4522	5%	Very Low	Low	Negligible
13d	A1120	4345	4910	13%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (Typical)	% change	Magnitude	Sensitivity	Effect Significance
16	A12 Wrentham	10198	11359	11%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	13212	13938	5%	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	16269	4%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	15735	3%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	17784	7%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major Beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	22319	223190333%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	High	Medium	Major Beneficial
25	A12 Little Glemham	21333	22584	6%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23216	6%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29426	7%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2384	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29212	6%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	40079	2%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43222	2%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7216	4%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (Typical)	% change	Magnitude	Sensitivity	Effect Significance
41	B1125 through Middleton	2184	2861	31%	Very Low	Low	Negligible
53a	A144 (west of A12)	4617	5321	15%	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	2232	22320092%	High	Medium	Major adverse
59	A12 (south of SLR)	12577	13881	10%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	6381	63811415%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	8618	39%	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	4294	42940464%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5332	53322949%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2277	22768788%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4667	111%	Low	Very Low	Negligible
73	B1078 south of B1116	10208	11679	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	366	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4025	18%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6650	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6419	29%	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (Typical)	% change	Magnitude	Sensitivity	Effect Significance
78	A12 (north of B1121)	15648	16143	3%	Very Low	Medium	Minor adverse
82	B1438 Melton Hill	807	938	16%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3357	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	5024	12%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.6: Amenity 2028 24hr AAWT Total Traffic – HGV Reduction (Changes 1 and 2) – Busiest Day

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	3371	3961	17%	Very Low	Very Low	Negligible
4a	B1122 (S)	3732	7023	88%	Very Low	Medium	Minor adverse
4c	B1122 (N)	6201	9939	60%	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4950	8278	67%	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5227	5987	15%	Very Low	High	Minor adverse
9b	Snape Road	5675	6278	11%	Very Low	High	Minor adverse
10	B1122 through Theberton	6187	541	-91%	High	Medium	Major beneficial
10A	Theberton Bypass	0	8552	85517967%	High	Medium	Major adverse
11	B1125 through Westleton	2823	3104	10%	Very Low	High	Minor adverse
12a	B1121 (N)	5645	5813	3%	Very Low	Medium	Minor adverse
12b	B1119 (E)	5440	5981	10%	Very Low	High	Minor adverse
13a	A12 (N)	15874	16781	6%	Very Low	Low	Negligible
13b	B1122	4288	4558	6%	Very Low	Low	Negligible
13d	A1120	4345	4932	14%	Very Low	High	Minor adverse
16	A12 Wrentham	10198	11356	11%	Very Low	High	Minor adverse
19b	A12 (N)	14482	14541	0%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
21b	A12 (north of B1119)	13212	14043	6%	Very Low	Medium	Minor adverse
21c	A12 (middle)	15622	16384	5%	Very Low	Medium	Minor adverse
21e	A12 (south of B1119)	15223	15804	4%	Very Low	Medium	Minor adverse
22a	A12 (N)	16664	17856	7%	Very Low	Very Low	Negligible
22c	A12 (S) (Farnham)	21955	546	-98%	High	Medium	Major beneficial
23	A12 Farnham Bend	21968	275	-99%	High	Medium	Major beneficial
23A	A12 Two Village Bypass	0	22370	223702782%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	21333	436	-98%	High	Medium	Major beneficial
25	A12 Little Glemham	21333	22638	6%	Very Low	Medium	Minor adverse
26	A12 Marlesford	21956	23267	6%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	27487	29428	7%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	2215	2382	8%	Very Low	Very Low	Negligible
32a	A12 (N)	27448	29182	6%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	39427	39831	1%	Very Low	Very Low	Negligible
34a	A12 (N)	42247	43027	2%	Very Low	Very Low	Negligible
34b	Main Road (E)	6950	7302	5%	Very Low	High	Minor adverse
41	B1125 through Middleton	2184	2854	31%	Very Low	Low	Negligible

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
53a	A144 (west of A12)	4617	5317	15%	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	2378	23777361%	High	Medium	Major adverse
59	A12 (south of SLR)	12577	13955	11%	Very Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	6559	65585386%	High	Medium	Major adverse
64	B1122 north of SZC access	6187	8799	42%	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	4328	43276616%	High	Medium	Major adverse
66	B1122 west of B1125	3588	122	-97%	High	Medium	Major Beneficial
67	Main Site Access	0	5530	55303376%	High	Very Low	Minor adverse
68	Darsham P&R	0	2563	25625379%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	2262	22621526%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	2215	4650	110%	Medium	Very Low	Minor adverse
73	B1078 south of B1116	10208	11665	14%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4288	372	-91%	High	Medium	Major Beneficial
75	Lovers Lane	3423	4011	17%	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5713	6644	16%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4990	6417	29%	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	15648	16207	4%	Very Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24 hr AAWT (total traffic)	2028 reference case + Sizewell 24 hr AAWT total traffic (busiest)	% change	Magnitude	Sensitivity	Effect Significance
82	B1438 Melton Hill	807	950	18%	Very Low	High	Minor adverse
83	A145 west of A12	2914	3347	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4489	5050	12%	Very Low	High	Minor adverse

Table 1.7: Amenity 2028 24hr AAWT HDVs – HGV Reduction (Changes 1 and 2) -Typical Day

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (Typical) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	85	254	199%	Medium	Very Low	Minor adverse
4a	B1122 (S)	217	429	98%	Very Low	Medium	Minor adverse
4c	B1122 (N)	214	455	113%	Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	145	359	148%	Medium	Medium	Moderate adverse
6	B1119 Saxmundham Road	62	86	39%	Very Low	High	Minor adverse
9b	Snape Road	178	178	0%	Very Low	High	No change
10	B1122 through Theberton	218	0	-100%	High	Medium	Major beneficial
10A	Theberton Bypass	0	1458	14581412%	High	Medium	Major adverse
11	B1125 through Westleton	81	81	0%	No change	High	Negligible
12a	B1121 (N)	53	77	45%	Very Low	Medium	Minor adverse
12b	B1119 (E)	70	86	22%	Very Low	High	Minor adverse
13a	A12 (N)	908	1232	36%	Very Low	Low	Negligible
13b	B1122	177	455	157%	Medium	Low	Minor adverse
13d	A1120	188	192	2%	Very Low	High	Minor adverse
16	A12 Wrentham	444	588	32%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	686	1576	130%	Medium	Medium	Moderate adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (Typical) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
21c	A12 (middle)	693	1583	128%	Low	Medium	Minor adverse
21e	A12 (south of B1119)	721	1611	123%	Low	Medium	Minor adverse
22a	A12 (N)	639	1526	139%	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	923	58	-94%	High	Medium	Major beneficial
23	A12 Farnham Bend	925	11	-99%	High	Medium	Major beneficial
23A	A12 Two Village Bypass	0	1781	17814397%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	919	44	-95%	High	Medium	Major beneficial
25	A12 Little Glemham	919	1805	96%	Very Low	Medium	Minor adverse
26	A12 Marlesford	926	1816	96%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	1194	1903	59%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	95	163	72%	Very Low	Very Low	Negligible
32a	A12 (N)	1206	1879	56%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	971	1584	63%	Very Low	Very Low	Negligible
34a	A12 (N)	1221	1825	49%	Very Low	Very Low	Negligible
34b	Main Road (E)	127	199	57%	Very Low	High	Minor adverse
41	B1125 through Middleton	42	42	0%	No change	Low	Negligible
53a	A144 (west of A12)	192	190	-1%	Very Low	High	Minor beneficial

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (Typical) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
57	Sizewell Link Road (east of A12)	0	1032	10324296%	High	Medium	Major adverse
59	A12 (south of SLR)	725	1615	123%	Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	1481	14807442%	High	Medium	Major adverse
64	B1122 north of SZC access	218	1460	569%	High	Medium	Major adverse
65	Middleton Moor Link	0	453	4530314%	High	Medium	Major adverse
66	B1122 west of B1125	169	0	-100%	High	Medium	Major beneficial
67	Main Site Access	0	1472	14724284%	High	Very Low	Minor adverse
68	Darsham P&R	0	152	1519900%	High	Very Low	Minor adverse
69	Wickham Market P&R	0	152	1519900%	High	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	95	163	72%	Very Low	Very Low	Negligible
73	B1078 south of B1116	225	296	32%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	177	4	-98%	High	Medium	Major beneficial
75	Lovers Lane	87	252	190%	Medium	Very Low	Minor adverse
76	B1069 (north of Aldringham Lane)	169	268	59%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	57	150	162%	Medium	Medium	Major adverse
78	A12 (north of B1121)	721	1611	123%	Low	Medium	Minor adverse
82	B1438 Melton Hill	81	70	-14%	Very Low	High	Minor beneficial

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (Typical) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
83	A145 west of A12	237	272	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	196	200	2%	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.8: Amenity 2028 24hr AAWT HDVs – HGV Reduction (Changes 1 and 2) – Busiest Day

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (busiest) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
3	Lovers Lane (LEEIE)	85	254	199%	High	Very Low	Minor Adverse
4a	B1122 (S)	217	429	98%	Very Low	Medium	Minor Adverse
4c	B1122 (N)	214	455	113%	Low	Medium	Minor Adverse
5	B1122 Abbey Road (existing level crossing)	145	359	148%	Medium	Medium	Moderate Adverse
6	B1119 Saxmundham Road	62	86	39%	Very Low	High	Minor Adverse
9b	Snape Road	178	178	0%	No change	High	Negligible
10	B1122 through Theberton	218	0	-100%	High	Medium	Major Beneficial
10A	Theberton Bypass	0	1458	14581412%	High	Medium	Major Adverse
11	B1125 through Westleton	81	81	0%	No change	High	Negligible
12a	B1121 (N)	53	77	45%	Very Low	Medium	Minor Adverse
12b	B1119 (E)	70	86	22%	Very Low	High	Minor Adverse
13a	A12 (N)	908	1232	36%	Very Low	Low	Negligible
13b	B1122	177	455	157%	Medium	Low	Minor adverse
13d	A1120	188	192	2%	Very Low	High	Minor adverse
16	A12 Wrentham	444	588	32%	Very Low	High	Minor adverse
19b	A12 (N)	210	280	33%	Very Low	High	Minor adverse
21b	A12 (north of B1119)	686	1576	130%	Medium	Medium	Moderate adverse
21c	A12 (middle)	693	1583	128%	Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (busiest) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
21e	A12 (south of B1119)	721	1611	123%	Low	Medium	Minor adverse
22a	A12 (N)	639	1526	139%	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	923	58	-94%	High	Medium	Major Beneficial
23	A12 Farnham Bend	925	11	-99%	High	Medium	Major Beneficial
23A	A12 Two Village Bypass	0	1781	17814397%	High	Medium	Major adverse
24	A12 Stratford St Andrew (Low Road)	919	44	-95%	High	Medium	Major Beneficial
25	A12 Little Glemham	919	1805	96%	Very Low	Medium	Minor adverse
26	A12 Marlesford	926	1816	96%	Very Low	Medium	Minor adverse
27	A12 south of Wickham Market	1194	1903	59%	Very Low	Medium	Minor adverse
29	B1078 onslip to A12	95	163	72%	Very Low	Very Low	Negligible
32a	A12 (N)	1206	1879	56%	Very Low	Very Low	Negligible
33	A12 south of Woodbridge	971	1584	63%	Very Low	Very Low	Negligible
34a	A12 (N)	1221	1825	49%	Very Low	Very Low	Negligible
34b	Main Road (E)	127	199	57%	Very Low	High	Minor adverse
41	B1125 through Middleton	42	42	0%	No change	Low	Negligible
53a	A144 (west of A12)	192	190	-1%	Very Low	High	Minor beneficial
57	Sizewell Link Road (east of A12)	0	1032	10324296%	High	Medium	Major adverse
59	A12 (south of SLR)	725	1615	123%	Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	1481	14807442%	High	Medium	Major adverse
64	B1122 north of SZC access	218	1460	569%	High	Medium	Major adverse

NOT PROTECTIVELY MARKED

Link number	Link name	2028 reference case 24hr AAWT HDVs	2028 reference case + Sizewell (busiest) 24hr AAWT HDVs	% change	Magnitude	Sensitivity	Effect Significance
65	Middleton Moor Link	0	453	4530314%	High	Medium	Major adverse
66	B1122 west of B1125	169	0	-100%	High	Medium	Major Beneficial
67	Main Site Access	0	1472	14724284%	High	Very Low	Minor adverse
68	Darsham P&R	0	152	1519900%	Medium	Very Low	Minor adverse
69	Wickham Market P&R	0	152	1519900%	Medium	Very Low	Minor adverse
70	A12 on-slip (west of WM P&R)	95	163	72%	Very Low	Very Low	Negligible
73	B1078 south of B1116	225	296	32%	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	177	4	-98%	Medium	Medium	Moderate Beneficial
75	Lovers Lane	87	252	190%	High	Very Low	Minor adverse
76	B1069 (north of Aldringham Lane)	169	268	59%	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	57	150	162%	High	Medium	Major adverse
78	A12 (north of B1121)	721	1611	123%	Low	Medium	Minor adverse
82	B1438 Melton Hill	81	70	-14%	Very Low	High	Minor beneficial
83	A145 west of A12	237	272	15%	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	196	200	2%	Very Low	High	Minor adverse

1.4 Fear and Intimidation

Table 1.9: Fear and Intimidation 2028 18hr AAWT – HGV Reduction (Changes 1 and 2) – Typical Day

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
3	Lovers Lane (LEEIE)	3197	178	Very Low	Very Low	Negligible	3603	200	Very Low	Very Low	Negligible
4a	B1122 (S)	3443	191	Very Low	Medium	Minor adverse	6252	347	Very Low	Medium	Minor adverse
4c	B1122 (N)	5842	325	Very Low	Medium	Minor adverse	9068	504	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4707	261	Very Low	Medium	Minor adverse	7551	420	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5051	281	Very Low	High	Minor adverse	5706	317	Very Low	High	Minor adverse
9b	Snape Road	5375	299	Very Low	High	Minor adverse	5912	328	Very Low	High	Minor adverse
10	B1122 through Theberton	5825	324	Very Low	Medium	Minor adverse	509	28	Very Low	Medium	Minor adverse
10A	Theberton Bypass	0	0	Nil	Medium	Negligible	6894	383	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2679	149	Very Low	High	Minor adverse	2932	163	Very Low	High	Minor adverse
12a	B1121 (N)	5469	304	Very Low	Medium	Minor adverse	5553	309	Very Low	Medium	Minor adverse
12b	B1119 (E)	5252	292	Very Low	High	Minor adverse	5710	317	Very Low	High	Minor adverse
13a	A12 (N)	14650	814	Low	Low	Minor adverse	15213	845	Low	Low	Minor adverse
13b	B1122	4011	223	Very Low	Low	Negligible	3982	221	Very Low	Low	Negligible
13d	A1120	4066	226	Very Low	High	Minor adverse	4588	255	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
16	A12 Wrentham	9550	531	Very Low	High	Minor adverse	10485	583	Very Low	High	Minor adverse
21b	A12 (north of B1119)	12265	681	Low	Medium	Minor adverse	12250	681	Low	Medium	Minor adverse
21c	A12 (middle)	14615	812	Low	Medium	Minor adverse	14526	807	Low	Medium	Minor adverse
21e	A12 (south of B1119)	14203	789	Low	Medium	Minor adverse	13992	777	Low	Medium	Minor adverse
22a	A12 (N)	15696	872	Low	Very Low	Negligible	16064	892	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	20585	1144	Low	Medium	Minor adverse	477	26	Very Low	Medium	Minor beneficial
23	A12 Farnham Bend	20596	1144	Low	Medium	Minor adverse	258	14	Very Low	Medium	Minor beneficial
23A	A12 Two Village Bypass	0	0	Nil	Medium	Negligible	20232	1124	Low	Medium	Minor adverse
24	A12 Stratford St Andrew	19980	1110	Low	Medium	Minor adverse	381	21	Very Low	Medium	Minor beneficial
25	A12 Little Glemham	19980	1110	Low	Medium	Minor adverse	20467	1137	Low	Medium	Minor adverse
26	A12 Marlesford	20583	1143	Low	Medium	Minor adverse	21075	1171	Low	Medium	Minor adverse
27	A12 s/o Wickham Market	25740	1430	Medium	Medium	Moderate adverse	27002	1500	Medium	Medium	Moderate adverse
29	B1078 onslip to A12	2075	115	Very Low	Very Low	Negligible	2169	121	Very Low	Very Low	Negligible
32a	A12 (N)	25690	1427	Medium	Very Low	Minor adverse	26816	1490	Medium	Very Low	Minor adverse
33	A12 south of Woodbridge	37656	2092	High	Very Low	Minor adverse	37743	2097	High	Very Low	Minor adverse
34a	A12 (N)	40174	2232	High	Very Low	Minor adverse	40589	2255	High	Very Low	Minor adverse
34b	Main Road (E)	6682	371	Very Low	High	Minor adverse	6871	382	Very Low	High	Minor adverse
41	B1125 through Middleton	2093	116	Very Low	Low	Negligible	2733	152	Very Low	Low	Negligible

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
53a	A144 (west of A12)	4327	240	Very Low	High	Minor adverse	4966	276	Very Low	High	Minor adverse
57	SLR (east of A12)	0	0	Nil	Medium	Negligible	1315	73	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	11608	645	Low	Very Low	Negligible	12139	674	Low	Very Low	Negligible
63	SLR (west of B1125)	0	0	Nil	Medium	Negligible	4940	274	Very Low	Medium	Minor adverse
64	B1122 north SZC access	5825	324	Very Low	Medium	Minor adverse	7117	395	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	0	Nil	Medium	Negligible	3762	209	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3333	185	Very Low	Medium	Minor adverse	115	6	Very Low	Medium	Minor adverse
67	Main Site Access	0	0	Nil	Very Low	Negligible	3814	212	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	Nil	Very Low	Negligible	1982	110	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	Nil	Very Low	Negligible	1726	96	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	2076	115	Very Low	Very Low	Negligible	4249	236	Very Low	Very Low	Negligible
73	B1078 south of B1116	9776	543	Very Low	Medium	Minor adverse	11035	613	Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4011	223	Very Low	Medium	Minor adverse	354	20	Very Low	Medium	Minor adverse
75	Lovers Lane	3245	180	Very Low	Very Low	Negligible	3653	203	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5407	300	Very Low	Medium	Minor adverse	6164	342	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4811	267	Very Low	Medium	Minor adverse	6026	335	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	14620	812	Low	Medium	Minor adverse	14394	800	Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (Typical)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
90	A1120 Sibton (east of Mill Hill)	4199	233	Very Low	High	Minor adverse	4694	261	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Table 1.10: Fear and Intimidation 2028 18hr AAWT – HGV Reduction (Changes 1 and 2) – Busiest Day

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
3	Lovers Lane (LEEIE)	3197	178	Very Low	Very Low	Negligible	3589	199	Very Low	Very Low	Negligible
4a	B1122 (S)	3443	191	Very Low	Medium	Minor adverse	6258	348	Very Low	Medium	Minor adverse
4c	B1122 (N)	5842	325	Very Low	Medium	Minor adverse	9052	503	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	4707	261	Very Low	Medium	Minor adverse	7551	420	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	5051	281	Very Low	High	Minor adverse	5730	318	Very Low	High	Minor adverse
9b	Snape Road	5375	299	Very Low	High	Minor adverse	5920	329	Very Low	High	Minor adverse
10	B1122 through Theberton	5825	324	Very Low	Medium	Minor adverse	525	29	Very Low	Medium	Minor adverse
10A	Theberton Bypass	0	0	Nil	Medium	Negligible	6862	381	Very Low	Medium	Minor adverse
11	B1125 through Westleton	2679	149	Very Low	High	Minor adverse	2932	163	Very Low	High	Minor adverse
12a	B1121 (N)	5469	304	Very Low	Medium	Minor adverse	5596	311	Very Low	Medium	Minor adverse
12b	B1119 (E)	5252	292	Very Low	High	Minor adverse	5730	318	Very Low	High	Minor adverse
13a	A12 (N)	14650	814	Low	Low	Minor adverse	15161	842	Low	Low	Minor adverse
13b	B1122	4011	223	Very Low	Low	Negligible	3988	222	Very Low	Low	Negligible
13d	A1120	4066	226	Very Low	High	Minor adverse	4610	256	Very Low	High	Minor adverse
16	A12 Wrentham	9550	531	Very Low	High	Minor adverse	10463	581	Very Low	High	Minor adverse
19b	A12 (N)	13978	777	Low	High	Moderate adverse	13961	776	Low	High	Moderate adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
21b	A12 (north of B1119)	12265	681	Low	Medium	Minor adverse	12186	677	Low	Medium	Minor adverse
21c	A12 (middle)	14615	812	Low	Medium	Minor adverse	14471	804	Low	Medium	Minor adverse
21e	A12 (south of B1119)	14203	789	Low	Medium	Minor adverse	13894	772	Low	Medium	Minor adverse
22a	A12 (N)	15696	872	Low	Very Low	Negligible	15967	887	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	20585	1144	Low	Medium	Minor adverse	477	26	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	20596	1144	Low	Medium	Minor adverse	258	14	Very Low	Medium	Minor adverse
23A	A12 Two Village Bypass	0	0	Nil	Medium	Negligible	20115	1118	Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	19980	1110	Low	Medium	Minor adverse	381	21	Very Low	Medium	Minor adverse
25	A12 Little Glemham	19980	1110	Low	Medium	Minor adverse	20352	1131	Low	Medium	Minor adverse
26	A12 Marlesford	20583	1143	Low	Medium	Minor adverse	20958	1164	Low	Medium	Minor adverse
27	A12 south of Wickham Market	25740	1430	Medium	Medium	Moderate adverse	26838	1491	Medium	Medium	Moderate adverse
29	B1078 onslip to A12	2075	115	Very Low	Very Low	Negligible	2167	120	Very Low	Very Low	Negligible
32a	A12 (N)	25690	1427	Medium	Very Low	Minor adverse	26622	1479	Medium	Very Low	Minor adverse
33	A12 south of Woodbridge	37656	2092	High	Very Low	Minor adverse	37355	2075	High	Very Low	Minor adverse
34a	A12 (N)	40174	2232	High	Very Low	Minor adverse	40252	2236	High	Very Low	Minor adverse
34b	Main Road (E)	6682	371	Very Low	High	Minor adverse	6956	386	Very Low	High	Minor adverse
41	B1125 through Middleton	2093	116	Very Low	Low	Negligible	2727	152	Very Low	Low	Negligible
53a	A144 (west of A12)	4327	240	Very Low	High	Minor adverse	4962	276	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
57	SLR (east of A12)	0	0	Nil	Medium	Negligible	1291	72	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	11608	645	Low	Very Low	Negligible	12045	669	Low	Very Low	Negligible
63	SLR (west of B1125)	0	0	Nil	Medium	Negligible	4917	273	Very Low	Medium	Minor adverse
64	B1122 north SZC access	5825	324	Very Low	Medium	Minor adverse	7099	394	Very Low	Medium	Minor adverse
65	Middleton Moor Link	0	0	Nil	Medium	Negligible	3765	209	Very Low	Medium	Minor adverse
66	B1122 west of B1125	3333	185	Very Low	Medium	Minor adverse	115	6	Very Low	Medium	Minor adverse
67	Main Site Access	0	0	Nil	Very Low	Negligible	3812	212	Very Low	Very Low	Negligible
68	Darsham P&R	0	0	Nil	Very Low	Negligible	1982	110	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	0	Nil	Very Low	Negligible	1714	95	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	2076	115	Very Low	Very Low	Negligible	4233	235	Very Low	Very Low	Negligible
73	B1078 south of B1116	9776	543	Very Low	Medium	Minor adverse	11022	612	Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	4011	223	Very Low	Medium	Minor adverse	360	20	Very Low	Medium	Minor adverse
75	Lovers Lane	3245	180	Very Low	Very Low	Negligible	3639	202	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	5407	300	Very Low	Medium	Minor adverse	6158	342	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	4811	267	Very Low	Medium	Minor adverse	6024	335	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	14620	812	Low	Medium	Minor adverse	14289	794	Low	Medium	Minor adverse
82	B1438 Melton Hill	712	40	Very Low	High	Minor adverse	862	48	Very Low	High	Minor adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)				
		18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance	18hr AAWT veh	Ave veh per hour	Magnitude	Sensitivity	Effect significance
83	A145 west of A12	2620	146	Very Low	High	Minor adverse	2979	166	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	4199	233	Very Low	High	Minor adverse	4720	262	Very Low	High	Minor adverse

Table 1.11: Fear and Intimidation 2028 18hr AAWT HDVs – HGV Reduction (Changes 1 and 2) – Typical Day

Link No.	Link name	2028 Reference Case				2028 Reference + Sizewell (Typical)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
3	Lovers Lane (LEEIE)	83	Very Low	Very Low	Negligible	252	Very Low	Very Low	Negligible
4a	B1122 (S)	212	Very Low	Medium	Minor adverse	407	Very Low	Medium	Minor adverse
4c	B1122 (N)	209	Very Low	Medium	Minor adverse	433	Very Low	Medium	Minor adverse
5	B1122 Abbey Road (existing level crossing)	142	Very Low	Medium	Minor adverse	339	Very Low	Medium	Minor adverse
6	B1119 Saxmundham Road	61	Very Low	High	Minor adverse	83	Very Low	High	Minor adverse
9b	Snape Road	175	Very Low	High	Minor adverse	175	Very Low	High	Minor adverse
10	B1122 through Theberton	214	Very Low	Medium	Minor adverse	0	Very Low	Medium	Minor adverse
10A	Theberton Bypass	0	Very Low	Medium	Minor adverse	1178	Low	Medium	Minor adverse
11	B1125 through Westleton	80	Very Low	High	Minor adverse	80	Very Low	High	Minor adverse
12a	B1121 (N)	52	Very Low	Medium	Minor adverse	74	Very Low	Medium	Minor adverse
12b	B1119 (E)	69	Very Low	High	Minor adverse	83	Very Low	High	Minor adverse
13a	A12 (N)	889	Very Low	Low	Negligible	1152	Low	Low	Minor adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case				2028 Reference + Sizewell (Typical)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
13b	B1122	173	Very Low	Low	Negligible	391	Very Low	Low	Negligible
13d	A1120	184	Very Low	High	Minor adverse	188	Very Low	High	Minor adverse
16	A12 Wrentham	435	Very Low	High	Minor adverse	547	Very Low	High	Minor adverse
21b	A12 (north of B1119)	672	Very Low	Medium	Minor adverse	1348	Low	Medium	Minor adverse
21c	A12 (middle)	679	Very Low	Medium	Minor adverse	1355	Low	Medium	Minor adverse
21e	A12 (south of B1119)	706	Very Low	Medium	Minor adverse	1382	Low	Medium	Minor adverse
22a	A12 (N)	626	Very Low	Very Low	Negligible	1299	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	904	Very Low	Medium	Minor adverse	57	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	906	Very Low	Medium	Minor adverse	11	Very Low	Medium	Minor adverse
23A	A12 Two Village Bypass	0	Nil	Medium	Negligible	1549	Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	901	Very Low	Medium	Minor adverse	44	Very Low	Medium	Minor adverse
25	A12 Little Glemham	901	Very Low	Medium	Minor adverse	1572	Low	Medium	Minor adverse
26	A12 Marlesford	907	Very Low	Medium	Minor adverse	1583	Low	Medium	Minor adverse

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case				2028 Reference + Sizewell (Typical)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
27	A12 south of Wickham Market	1169	Low	Medium	Minor adverse	1690	Low	Medium	Minor adverse
29	B1078 onslip to A12	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
32a	A12 (N)	1181	Low	Very Low	Negligible	1672	Low	Very Low	Negligible
33	A12 south of Woodbridge	951	Very Low	Very Low	Negligible	1403	Low	Very Low	Negligible
34a	A12 (N)	1197	Low	Very Low	Negligible	1640	Low	Very Low	Negligible
34b	Main Road (E)	124	Very Low	High	Minor adverse	184	Very Low	High	Minor adverse
41	B1125 through Middleton	41	Very Low	Low	Negligible	41	Very Low	Low	Negligible
53a	A144 (west of A12)	188	Very Low	High	Minor adverse	186	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	Nil	Medium	Negligible	815	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	710	Very Low	Very Low	Negligible	1386	Low	Very Low	Negligible
63	Theberton Bypass (west of B1125)	0	Nil	Medium	Negligible	1200	Low	Medium	Minor adverse
64	B1122 north of SZC access	214	Very Low	Medium	Minor adverse	1180	Low	Medium	Minor adverse
65	Middleton Moor Link	0	Nil	Medium	Negligible	389	Very Low	Medium	Minor adverse
66	B1122 west of B1125	166	Very Low	Medium	Minor adverse	0	Nil	Medium	Negligible

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case				2028 Reference + Sizewell (Typical)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
67	Main Site Access	0	Nil	Very Low	Negligible	1179	Low	Very Low	Negligible
68	Darsham P&R	0	Nil	Very Low	Negligible	132	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	Nil	Very Low	Negligible	132	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
73	B1078 south of B1116	220	Very Low	Medium	Minor adverse	281	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	173	Very Low	Medium	Minor adverse	4	Very Low	Medium	Minor beneficial
75	Lovers Lane	85	Very Low	Very Low	Negligible	250	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	165	Very Low	Medium	Minor adverse	257	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	56	Very Low	Medium	Minor adverse	141	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	706	Very Low	Medium	Minor adverse	1382	Low	Medium	Minor adverse
82	B1438 Melton Hill	80	Very Low	High	Minor adverse	69	Very Low	High	Minor adverse
83	A145 west of A12	232	Very Low	High	Minor adverse	257	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	192	Very Low	High	Minor adverse	196	Very Low	High	Minor adverse

Table 1.12: Fear and Intimidation 2028 18hr AAWT HDVs – HGV Reduction (Changes 1 and 2) – Busiest Day

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)			
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	
3	Lovers Lane (LEEIE)	83	Very Low	Very Low	Negligible	252	Very Low	Very Low	Negligible	
4a	B1122 (S)	212	Very Low	Medium	Minor adverse	407	Very Low	Medium	Minor adverse	
4c	B1122 (N)	209	Very Low	Medium	Minor adverse	433	Very Low	Medium	Minor adverse	
5	B1122 Abbey Road (existing level crossing)	142	Very Low	Medium	Minor adverse	339	Very Low	Medium	Minor adverse	
6	B1119 Saxmundham Road	61	Very Low	High	Minor adverse	83	Very Low	High	Minor adverse	
9b	Snape Road	175	Very Low	High	Minor adverse	175	Very Low	High	Minor adverse	
10	B1122 through Theberton	214	Very Low	Medium	Minor adverse	0	Very Low	Medium	Minor adverse	
10A	Theberton Bypass	0	Very Low	Medium	Minor adverse	1378	Low	Medium	Minor adverse	
11	B1125 through Westleton	80	Very Low	High	Minor adverse	80	Very Low	High	Minor adverse	
12a	B1121 (N)	52	Very Low	Medium	Minor adverse	74	Very Low	Medium	Minor adverse	
12b	B1119 (E)	69	Very Low	High	Minor adverse	83	Very Low	High	Minor adverse	
13a	A12 (N)	889	Very Low	Low	Negligible	1182	Low	Low	Minor adverse	
13b	B1122	173	Very Low	Low	Negligible	421	Very Low	Low	Negligible	
13d	A1120	184	Very Low	High	Minor adverse	188	Very Low	High	Minor adverse	
16	A12 Wrentham	435	Very Low	High	Minor adverse	567	Very Low	High	Minor adverse	
19b	A12 (N)	206	Very Low	High	Minor adverse	276	Very Low	High	Minor adverse	
21b	A12 (north of B1119)	672	Very Low	Medium	Minor adverse	1518	Low	Medium	Minor adverse	

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)		
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
21c	A12 (middle)	679	Very Low	Medium	Minor adverse	1525	Low	Medium	Minor adverse
21e	A12 (south of B1119)	706	Very Low	Medium	Minor adverse	1552	Low	Medium	Minor adverse
22a	A12 (N)	626	Very Low	Very Low	Negligible	1470	Low	Very Low	Negligible
22c	A12 (S) (Farnham)	904	Very Low	Medium	Minor adverse	57	Very Low	Medium	Minor adverse
23	A12 Farnham Bend	906	Very Low	Medium	Minor adverse	11	Very Low	Medium	Minor adverse
23A	A12 Two Village Bypass	0	Very Low	Medium	Minor adverse	1719	Low	Medium	Minor adverse
24	A12 Stratford St Andrew (Low Road)	901	Very Low	Medium	Minor adverse	44	Very Low	Medium	Minor adverse
25	A12 Little Glemham	901	Very Low	Medium	Minor adverse	1742	Low	Medium	Minor adverse
26	A12 Marlesford	907	Very Low	Medium	Minor adverse	1753	Low	Medium	Minor adverse
27	A12 south of Wickham Market	1169	Low	Medium	Minor adverse	1860	Low	Medium	Minor adverse
29	B1078 onslip to A12	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
32a	A12 (N)	1181	Low	Very Low	Negligible	1842	Low	Very Low	Negligible
33	A12 south of Woodbridge	951	Very Low	Very Low	Negligible	1554	Low	Very Low	Negligible
34a	A12 (N)	1197	Low	Very Low	Negligible	1791	Low	Very Low	Negligible
34b	Main Road (E)	124	Very Low	High	Minor adverse	184	Very Low	High	Minor adverse
41	B1125 through Middleton	41	Very Low	Low	Negligible	41	Very Low	Low	Negligible
53a	A144 (west of A12)	188	Very Low	High	Minor adverse	186	Very Low	High	Minor adverse
57	Sizewell Link Road (east of A12)	0	Very Low	Medium	Minor adverse	986	Very Low	Medium	Minor adverse
59	A12 (south of SLR)	710	Very Low	Very Low	Negligible	1556	Low	Very Low	Negligible

NOT PROTECTIVELY MARKED

Link No.	Link name	2028 Reference Case					2028 Reference + Sizewell (busiest)		
		18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance	18hr AAWT HDVs	Magnitude	Sensitivity	Effect significance
63	Theberton Bypass (west of B1125)	0	Very Low	Medium	Minor adverse	1400	Low	Medium	Minor adverse
64	B1122 north of SZC access	214	Very Low	Medium	Minor adverse	1380	Low	Medium	Minor adverse
65	Middleton Moor Link	0	Very Low	Medium	Minor adverse	419	Very Low	Medium	Minor adverse
66	B1122 west of B1125	166	Very Low	Medium	Minor adverse	0	Very Low	Medium	Minor adverse
67	Main Site Access	0	Very Low	Very Low	Negligible	1379	Low	Very Low	Negligible
68	Darsham P&R	0	Very Low	Very Low	Negligible	132	Very Low	Very Low	Negligible
69	Wickham Market P&R	0	Very Low	Very Low	Negligible	132	Very Low	Very Low	Negligible
70	A12 on-slip (west of WM P&R)	93	Very Low	Very Low	Negligible	151	Very Low	Very Low	Negligible
73	B1078 south of B1116	220	Very Low	Medium	Minor adverse	281	Very Low	Medium	Minor adverse
74	B1122 (Middleton Moor)	173	Very Low	Medium	Minor adverse	4	Very Low	Medium	Minor adverse
75	Lovers Lane	85	Very Low	Very Low	Negligible	250	Very Low	Very Low	Negligible
76	B1069 (north of Aldringham Lane)	165	Very Low	Medium	Minor adverse	257	Very Low	Medium	Minor adverse
77	Aldeburgh Rd (north of Aldringham Lane)	56	Very Low	Medium	Minor adverse	141	Very Low	Medium	Minor adverse
78	A12 (north of B1121)	706	Very Low	Medium	Minor adverse	1552	Low	Medium	Minor adverse
82	B1438 Melton Hill	80	Very Low	High	Minor adverse	69	Very Low	High	Minor adverse
83	A145 west of A12	232	Very Low	High	Minor adverse	267	Very Low	High	Minor adverse
90	A1120 Sibton (east of Mill Hill)	192	Very Low	High	Minor adverse	196	Very Low	High	Minor adverse