

**The Great Grid Upgrade**

Sea Link

# Sea Link

**Volume 6: Environmental Statement**

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Part 2 Suffolk

Chapter 13 Appendix 2.13.B

Preliminary Cumulative Highway Impact Assessment

Planning Inspectorate Reference: EN020026

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Infrastructure Planning (Applications: Prescribed Forms and Procedure)  
Regulations 2009 Regulation 5(2)(a)

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Suffolk Cumulative Traffic Flows: Total Cumulative (Excluding Sea Link)

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CTOT Total Cumulative (Excluding Sea Link)

Ref	Receptor Type	Receptor	AM Development Peak (07:00-08:00)								AM Network Peak (08:00-09:00)							
			Baseline		Development		Total		% Increase		Baseline		Development		Total		% Increase	
			HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
S-RL1	Road Link	A12 (south of A1094)	76	1,376	20	413	95	1,788	25.8%	30.0%	85	1,454	20	413	104	1,867	23.0%	28.4%
S-RL2	Road Link	A12 (between A1094 & B1121 Main Rd south junction)	69	976	17	352	87	1,328	25.0%	36.1%	80	1,118	17	352	97	1,470	21.8%	31.5%
S-RL3	Road Link	A12 (between B1121 Main Road junctions)	56	846	17	336	73	1,182	31.0%	39.7%	78	1,002	17	336	95	1,337	22.3%	33.5%
S-RL4	Road Link	A12 (north of B1121 Main Road northern junction)	62	866	17	388	80	1,254	27.9%	44.8%	71	1,031	17	388	89	1,419	24.3%	37.6%
S-RL5	Road Link	B1121 Main Road (east of A12)	8	232	0	147	8	379	0.0%	63.4%	13	350	0	147	13	497	0.0%	42.0%
S-RL6	Road Link	B1121 Main Road (south of B1119 Church Street)	10	215	0	40	10	255	0.0%	18.6%	13	427	0	40	13	467	0.0%	9.4%
S-RL7	Road Link	B1119 Church Street (east of B1121 Main Road)	6	200	7	41	12	241	117.9%	20.6%	6	272	7	41	13	313	104.8%	15.2%
S-RL8	Road Link	B1121 Aldeburgh Road (between A1094 and B1121 Saxmundham Road)	2	63	0	23	2	86	0.0%	35.6%	4	122	0	23	4	145	0.0%	18.4%
S-RL9	Road Link	B1121 Saxmundham Road (north of Grove Road)	1	41	0	38	1	79	0.0%	90.5%	4	118	0	38	4	156	0.0%	31.8%
S-RL10	Road Link	A1094 (between A12 and B1069 Snape Road)	23	697	4	107	27	804	19.0%	15.4%	21	737	4	107	25	844	21.0%	14.5%
S-RL11	Road Link	A1094 Aldeburgh Road (between B1069 Snape Road and B1122 Leiston Road)	8	225	0	39	8	263	0.0%	17.1%	11	347	0	39	11	385	0.0%	11.1%
S-RL12	Road Link	B1069 Snape Road (between A1094 Aldeburgh Road and Aldringham Lane)	19	527	4	222	23	749	23.3%	42.1%	18	516	4	222	22	738	24.6%	43.0%
S-RL13	Road Link	B1122 Leiston Road (between A1094 Aldeburgh Road and Aldringham Lane)	8	171	4	63	13	235	52.4%	36.9%	10	234	4	63	15	297	42.2%	27.0%
S-RJ1	Road Junction	A12/A1094 Junction	81	1,467	20	413	100	1,879	24.2%	28.1%	95	1,621	20	413	115	2,033	20.5%	25.4%
S-RJ2	Road Junction	A12/B1121 (South) Junction	70	1,004	17	392	88	1,395	24.6%	39.0%	81	1,186	17	392	98	1,578	21.5%	33.0%
S-RJ3	Road Junction	A12/B1119 Junction	57	1,077	17	339	74	1,416	30.5%	31.5%	82	1,312	17	339	99	1,651	21.2%	25.8%
S-RJ4	Road Junction	A12/B1121 (North) Junction	62	881	17	333	80	1,215	27.9%	37.8%	73	1,053	17	333	90	1,387	23.9%	31.7%
S-RJ5	Road Junction	A12/B1122 Junction	74	1,131	17	388	91	1,519	23.6%	34.3%	87	1,320	17	388	104	1,708	20.0%	29.4%
S-RJ6	Road Junction	B1121 Main Road/B1121 Church Hill Junction	12	251	0	147	12	398	0.0%	58.7%	13	472	0	147	13	619	0.0%	31.1%
S-RJ7	Road Junction	B1121 Main Road/B1119 Church Hill Signalised Junction	17	429	0	11	17	440	0.0%	2.6%	21	843	0	11	21	854	0.0%	1.3%
S-RJ8	Road Junction	B1121 Saxmundham Road/Grove Road/Mill Road Junction	2	49	0	23	2	71	0.0%	46.2%	4	133	0	23	4	155	0.0%	17.0%
S-RJ9	Road Junction	A1094 Aldeburgh Road/B1121 Aldeburgh Road Junction	24	747	4	107	28	854	18.2%	14.3%	25	840	4	107	29	947	17.5%	12.7%
S-RJ10	Road Junction	A1094 Aldeburgh Road/B1069 Snape Road Junction	25	737	4	134	29	871	17.5%	18.2%	28	843	4	134	32	977	15.5%	15.9%
S-RJ11	Road Junction	A1094/B1122 Leiston Road/Church Farm Road Roundabout	10	310	4	63	15	373	41.9%	20.4%	24	555	4	63	28	618	18.2%	11.4%
S-RJ12	Road Junction	B1122 Aldeburgh Road/B1353 Aldringham Lane Junction	15	378	4	25	19	403	29.9%	6.5%	19	715	4	25	23	739	23.3%	3.5%
S-RJ13	Road Junction	B1069 Leiston Road/B1353 Aldringham Lane Junction	20	581	4	110	24	691	22.1%	19.0%	17	696	4	110	21	806	26.2%	15.9%
S-RJ14	Road Junction	A1094/Sternfield Road/Church Road Junction	25	838	4	107	29	945	17.5%	12.8%	32	1,030	4	107	36	1,137	13.5%	10.4%

Ref	Receptor Type	Receptor	C D PM Network Peak (17:00-18:00)								C D PM Development Peak (18:00-19:00)							
			Baseline		Development		Total		% Increase		Baseline		Development		Total		% Increase	
			HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
S-RL1	Road Link	A12 (south of A1094)	25	1,322	8	404	32	1,725	30.3%	30.5%	9	755	8	404	17	1,159	80.8%	53.5%
S-RL2	Road Link	A12 (between A1094 & B1121 Main Rd south junction)	25	900	7	344	32	1,244	26.9%	38.2%	10	557	7	344	17	901	64.7%	61.7%
S-RL3	Road Link	A12 (between B1121 Main Road junctions)	25	719	5	307	30	1,026	20.2%	42.7%	9	415	5	307	14	722	53.9%	73.9%
S-RL4	Road Link	A12 (north of B1121 Main Road northern junction)	23	795	14	469	37	1,264	62.5%	59.0%	8	428	14	469	23	897	171.8%	109.6%
S-RL5	Road Link	B1121 Main Road (east of A12)	6	331	3	176	9	507	39.1%	53.2%	4	225	3	176	6	401	65.0%	78.4%
S-RL6	Road Link	B1121 Main Road (south of B1119 Church Street)	2	399	3	70	5	469	121.3%	17.6%	0	252	3	70	3	322	0.0%	27.8%
S-RL7	Road Link	B1119 Church Street (east of B1121 Main Road)	4	261	5	71	9	332	132.3%	27.3%	3	186	5	71	8	257	191.5%	38.3%
S-RL8	Road Link	B1121 Aldeburgh Road (between A1094 and B1121 Saxmundham Road)	3	89	0	23	3	112	0.0%	25.3%	0	87	0	23	0	109	0.0%	25.9%
S-RL9	Road Link	B1121 Saxmundham Road (north of Grove Road)	2	83	0	38	2	120	0.0%	45.3%	0	60	0	38	0	98	0.0%	62.4%
S-RL10	Road Link	A1094 (between A12 and B1069 Snape Road)	6	678	5	147	11	825	80.8%	21.7%	1	387	5	147	6	534	485.1%	38.0%
S-RL11	Road Link	A1094 Aldeburgh Road (between B1069 Snape Road and B1122 Leiston Road)	2	255	0	39	2	293	0.0%	15.1%	1	242	0	39	1	281	0.0%	15.9%
S-RL12	Road Link	B1069 Snape Road (between A1094 Aldeburgh Road and Aldringham Lane)	5	495	5	262	10	757	97.0%	52.9%	0	223	5	262	5	485	0.0%	117.6%
S-RL13	Road Link	B1122 Leiston Road (between A1094 Aldeburgh Road and Aldringham Lane)	6	217	6	113	12	330	98.7%	52.2%	3	127	6	113	9	240	173.2%	89.3%
S-RJ1	Road Junction	A12/A1094 Junction	26	1,438	8	404	33	1,841	29.1%	28.1%	9	809	8	404	17	1,213	80.8%	49.9%
S-RJ2	Road Junction	A12/B1121 (South) Junction	26	945	7	382	33	1,327	25.9%	40.5%	10	569	7	382	17	951	64.7%	67.3%
S-RJ3	Road Junction	A12/B1119 Junction	26	869	5	310	31	1,179	19.4%	35.7%	9	534	5	310	14	845	53.9%	58.0%
S-RJ4	Road Junction	A12/B1121 (North) Junction	25	822	5	305	30	1,127	20.2%	37.1%	8	442	5	305	13	747	60.6%	68.9%
S-RJ5	Road Junction	A12/B1122 Junction	22	1,032	14	469	36	1,500	65.4%	45.5%	16	571	14	469	30	1,040	91.6%	82.2%
S-RJ6	Road Junction	B1121 Main Road/B1121 Church Hill Junction	5	418	3	176	8	594	48.5%	42.1%	0	268	3	176	3	444	0.0%	65.6%
S-RJ7	Road Junction	B1121 Main Road/B1119 Church Hill Signalised Junction	6	861	3	41	9	902	40.4%	4.8%	2	598	3	41	5	639	121.3%	6.9%
S-RJ8	Road Junction	B1121 Saxmundham Road/Grove Road/Mill Road Junction	2	96	0	23	2	119	0.0%	23.4%	0	69	0	23	0	92	0.0%	32.4%
S-RJ9	Road Junction	A1094 Aldeburgh Road/B1121 Aldeburgh Road Junction	8	753	5	147	13	900	60.6%	19.5%	1	458	5	147	6	605	485.1%	32.1%
S-RJ10	Road Junction	A1094 Aldeburgh Road/B1069 Snape Road Junction	7	742	5	174	12	916	69.3%	23.5%	1	452	5	174	6	626	485.1%	38.5%
S-RJ11	Road Junction	A1094/B1122 Leiston Road/Church Farm Road Roundabout	5	448	6	113	11	562	113.2%	25.2%	4	323	6	113	10	436	141.5%	35.0%
S-RJ12	Road Junction	B1122 Aldeburgh Road/B1353 Aldringham Lane Junction	9	503	6	75	15	578	62.9%	14.8%	2	361	6	75	8	436	282.9%	20.7%
S-RJ13	Road Junction	B1069 Leiston Road/B1353 Aldringham Lane Junction	6	590	7	170	13	761	107.8%	28.9%	0	295	7	170	7	466	0.0%	57.7%
S-RJ14	Road Junction	A1094/Sternfield Road/Church Road Junction	10	880	5	147	15	1,027	48.5%	16.7%	1	498	5	147	6	645	485.1%	29.5%



Ref	Receptor Type	Receptor	E F 12 Hours (07:00-19:00)								E F 24hr Daily							
			Baseline		Development		Total		% Increase		Baseline		Development		Total		% Increase	
			HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
S-RL1	Road Link	A12 (south of A1094)	737	13,177	612	4,059	1,349	17,236	83.1%	30.8%	825	14,759	612	4,059	1,437	18,818	74.2%	27.5%
S-RL2	Road Link	A12 (between A1094 & B1121 Main Rd south junction)	654	9,774	594	3,759	1,247	13,533	90.8%	38.5%	732	10,947	594	3,759	1,325	14,706	81.1%	34.3%
S-RL3	Road Link	A12 (between B1121 Main Road junctions)	608	8,718	514	3,474	1,122	12,192	84.5%	39.8%	677	9,124	514	3,474	1,191	12,598	75.9%	38.1%
S-RL4	Road Link	A12 (north of B1121 Main Road northern junction)	582	9,063	669	5,323	1,251	14,386	114.9%	58.7%	651	10,171	669	5,323	1,320	15,494	102.7%	52.3%
S-RL5	Road Link	B1121 Main Road (east of A12)	123	4,023	203	690	326	4,713	165.5%	17.2%	108	4,247	203	690	312	4,937	187.7%	16.2%
S-RL6	Road Link	B1121 Main Road (south of B1119 Church Street)	99	3,905	27	380	126	4,285	27.7%	9.7%	87	4,126	27	380	114	4,506	31.4%	9.2%
S-RL7	Road Link	B1119 Church Street (east of B1121 Main Road)	78	2,756	91	1,022	169	3,778	116.1%	37.1%	71	2,979	91	1,022	162	4,001	128.2%	34.3%
S-RL8	Road Link	B1121 Aldeburgh Road (between A1094 and B1121 Saxmundham Road)	30	979	0	45	30	1,024	0.0%	4.6%	27	1,080	0	45	27	1,125	0.0%	4.2%
S-RL9	Road Link	B1121 Saxmundham Road (north of Grove Road)	22	885	0	75	22	960	0.0%	8.5%	18	891	0	75	18	966	0.0%	8.4%
S-RL10	Road Link	A1094 (between A12 and B1069 Snape Road)	218	6,402	329	1,230	546	7,632	151.1%	19.2%	200	7,062	329	1,230	528	8,292	164.8%	17.4%
S-RL11	Road Link	A1094 Aldeburgh Road (between B1069 Snape Road and B1122 Leiston Road)	86	3,528	9	86	95	3,614	10.5%	2.4%	95	4,034	9	86	104	4,120	9.4%	2.1%
S-RL12	Road Link	B1069 Snape Road (between A1094 Aldeburgh Road and Aldringham Lane)	156	5,245	338	1,469	494	6,714	216.6%	28.0%	173	5,997	338	1,469	511	7,465	194.8%	24.5%
S-RL13	Road Link	B1122 Leiston Road (between A1094 Aldeburgh Road and Aldringham Lane)	126	2,581	82	895	208	3,476	65.1%	34.7%	105	2,642	82	895	187	3,537	77.8%	33.9%
S-RJ1	Road Junction	A12/A1094 Junction	792	14,421	612	4,059	1,404	18,479	77.2%	28.1%	887	16,152	612	4,059	1,499	20,210	69.0%	25.1%
S-RJ2	Road Junction	A12/B1121 (South) Junction	670	10,204	620	3,834	1,290	14,038	92.6%	37.6%	750	11,428	620	3,834	1,370	15,262	82.7%	33.5%
S-RJ3	Road Junction	A12/B1119 Junction	627	11,317	514	3,480	1,141	14,798	82.0%	30.8%	695	11,370	514	3,480	1,209	14,850	73.9%	30.6%
S-RJ4	Road Junction	A12/B1121 (North) Junction	603	9,296	514	3,470	1,117	12,766	85.2%	37.3%	674	10,433	514	3,470	1,188	13,903	76.2%	33.3%
S-RJ5	Road Junction	A12/B1122 Junction	692	11,497	671	5,326	1,364	16,823	97.0%	46.3%	774	12,903	671	5,326	1,446	18,229	86.7%	41.3%
S-RJ6	Road Junction	B1121 Main Road/B1121 Church Hill Junction	118	4,244	203	690	321	4,934	172.3%	16.3%	104	4,482	203	690	307	5,172	195.4%	15.4%
S-RJ7	Road Junction	B1121 Main Road/B1119 Church Hill Signalised Junction	169	8,337	27	322	196	8,660	16.2%	3.9%	149	8,817	27	322	176	9,140	18.4%	3.7%
S-RJ8	Road Junction	B1121 Saxmundham Road/Grove Road/Mill Road Junction	25	1,022	0	45	25	1,067	0.0%	4.4%	20	1,028	0	45	20	1,073	0.0%	4.4%
S-RJ9	Road Junction	A1094 Aldeburgh Road/B1121 Aldeburgh Road Junction	242	7,210	329	1,230	571	8,440	136.0%	17.1%	222	7,953	329	1,230	551	9,183	148.3%	15.5%
S-RJ10	Road Junction	A1094 Aldeburgh Road/B1069 Snape Road Junction	234	8,600	338	1,293	572	9,893	144.4%	15.0%	260	9,832	338	1,293	598	11,125	129.9%	13.2%
S-RJ11	Road Junction	A1094/B1122 Leiston Road/Church Farm Road Roundabout	135	5,385	82	895	217	6,281	60.5%	16.6%	150	6,157	82	895	232	7,053	54.5%	14.5%
S-RJ12	Road Junction	B1122 Aldeburgh Road/B1353 Aldringham Lane Junction	172	5,719	73	809	245	6,529	42.4%	14.2%	144	5,875	73	809	217	6,685	50.7%	13.8%
S-RJ13	Road Junction	B1069 Leiston Road/B1353 Aldringham Lane Junction	152	4,966	86	1,131	238	6,097	57.0%	22.8%	135	5,139	86	1,131	221	6,270	64.1%	22.0%
S-RJ14	Road Junction	A1094/Sternfield Road/Church Road Junction	304	8,533	329	1,230	632	9,763	108.3%	14.4%	278	9,410	329	1,230	607	10,640	118.1%	13.1%

National Grid plc  
National Grid House,  
Warwick Technology Park,  
Gallows Hill, Warwick.  
CV34 6DA United Kingdom

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