

The Great Grid Upgrade

Sea Link

Preliminary Environmental Information Report

Volume: 2

Part 2 Suffolk Onshore Scheme

Appendix 2.8.D Preliminary Highway Impact
Assessment

Version A

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Sea Link

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2.8.D Appendix 2.8.D – Preliminary Highway Impact Assessment

Table 2.8.D.1 AM Peaks

Receptor	Location	Section	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	A12 (south of A1094 Junction)	A12 South	74	784	0	287	74	1,071	0.0%	36.6%	78	859	12	46	90	905	15.4%	5.4%
S-RL2	A12 (between A1094 and B1121 South Junctions)	A12 South	74	784	0	287	74	1,071	0.0%	36.6%	78	859	12	46	90	905	15.4%	5.4%
S-RL3	A12 (between B1121 South and B1121 North)	A12 South	74	784	0	287	74	1,071	0.0%	36.6%	78	859	12	46	90	905	15.4%	5.4%
S-RL4	A12 (north of B1121 Junction)	A12 North	83	797	0	287	83	1,084	0.0%	36.0%	88	907	12	46	100	953	13.7%	5.1%
S-RL5	B1121 Main Road (southern section between A12 and B1119 Church Hill Junctions)	B1121 (Section 11)	7	175	0	144	7	319	0.0%	82.1%	10	360	16	20	26	380	153.0%	5.6%
S-RL6	B1121 Main Road (northern section between B1119 Church Hill and A12 Junctions)	B1121 (Section 15)	7	175	0	144	7	319	0.0%	82.1%	10	360	16	20	26	380	153.0%	5.6%
S-RL7	B1119 (between A12 and B1121 Junctions)	B1119 (Section 14)	7	175	0	31	7	206	0.0%	17.7%	10	360	2	5	12	365	19.1%	1.4%
S-RL8	B1119 Church Hill (between the B1121 and Grove Road Junctions)	B1119 (Section 13)	7	175	0	70	7	245	0.0%	39.7%	10	360	8	11	18	371	76.5%	3.1%
S-RL9	B1121 (between B1121 Main Road and A1094 Junctions)	B1121 (Section 8)	1	63	0	1	1	64	0.0%	1.6%	2	104	12	14	14	118	559.2%	13.5%
S-RL10	A1094 (between the A12 and B1069 Junctions)	A1094 (Section 7)	12	562	0	124	12	686	0.0%	22.0%	29	660	24	37	53	697	82.8%	5.6%

Table 2.8.D.2 PM Peaks

Receptor	Location	Section	PM Development Peak (17:00 – 18:00)								PM Network 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	A12 (south of A1094 Junction)	A12 South	47	1,001	8	41	55	1,042	17.2%	4.1%	30	678	0	287	30	965	0.0%	42.3%
S-RL2	A12 (between A1094 and B1121 South Junctions)	A12 South	47	1,001	8	41	55	1,042	17.2%	4.1%	30	678	0	287	30	965	0.0%	42.3%
S-RL3	A12 (between B1121 South and B1121 North)	A12 South	47	1,001	8	41	55	1,042	17.2%	4.1%	30	678	0	287	30	965	0.0%	42.3%
S-RL4	A12 (north of B1121 Junction)	A12 North	42	1,041	8	41	50	1,082	18.9%	3.9%	27	687	0	287	27	974	0.0%	41.8%
S-RL5	B1121 Main Road (southern section between A12 and B1119 Church Hill Junctions)	B1121 (Section 11)	5	460	10	14	15	474	210.3%	3.0%	7	301	0	144	7	445	0.0%	47.9%
S-RL6	B1121 Main Road (northern section between B1119 Church Hill and A12 Junctions)	B1121 (Section 15)	5	460	10	14	15	474	210.3%	3.0%	7	301	0	144	7	445	0.0%	47.9%
S-RL7	B1119 (between A12 and B1121 Junctions)	B1119 (Section 14)	5	460	0	4	5	464	0.0%	0.9%	7	301	0	31	7	332	0.0%	10.3%
S-RL8	B1119 Church Hill (between the B1121 and Grove Road Junctions)	B1119 (Section 13)	5	460	4	6	9	466	84.1%	1.3%	7	301	0	69	7	369	0.0%	22.8%
S-RL9	B1121 (between B1121 Main Road and A1094 Junctions)	B1121 (Section 8)	1	119	6	8	7	127	557.4%	6.7%	0	90	0	1	0	91	0.0%	1.1%
S-RL10	A1094 (between the A12 and B1069 Junctions)	A1094 (Section 7)	2	632	14	27	16	659	650.3%	4.3%	1	413	0	123	1	536	0.0%	29.7%

Table 2.8.D.3 12 Hour Period

Receptor	Location	Section	12 Hours (07:00 – 19:00)							
			Baseline		Development		Total		% Increase	
			HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
S-RL1	A12 (south of A1094 Junction)	A12 South	860	10,823	258	946	1,118	11,769	30.0%	8.7%
S-RL2	A12 (between A1094 and B1121 South Junctions)	A12 South	860	10,823	258	946	1,118	11,769	30.0%	8.7%
S-RL3	A12 (between B1121 South and B1121 North)	A12 South	860	10,823	258	946	1,118	11,769	30.0%	8.7%
S-RL4	A12 (north of B1121 Junction)	A12 North	867	11,834	258	946	1,125	12,780	29.8%	8.0%
S-RL5	B1121 Main Road (southern section between A12 and B1119 Church Hill Junctions)	B1121 (Section 11)	109	4,343	130	458	239	4,801	118.8%	10.5%
S-RL6	B1121 Main Road (northern section between B1119 Church Hill and A12 Junctions)	B1121 (Section 15)	109	4,343	130	458	239	4,801	118.8%	10.5%
S-RL7	B1119 (between A12 and B1121 Junctions)	B1119 (Section 14)	109	4,343	4	96	113	4,439	3.7%	2.2%
S-RL8	B1119 Church Hill (between the B1121 and Grove Road Junctions)	B1119 (Section 13)	109	4,343	64	229	173	4,572	58.5%	5.3%
S-RL9	B1121 (between B1121 Main Road and A1094 Junctions)	B1121 (Section 8)	16	1,285	84	102	100	1,387	514.9%	7.9%
S-RL10	A1094 (between the A12 and B1069 Junctions)	A1094 (Section 7)	226	7,110	192	565	418	7,675	84.9%	8.0%

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