

The Great Grid Upgrade

Sea Link

Preliminary Environmental Information Report

Volume: 2

Part 3 Kent Onshore Scheme

Appendix 3.8.F Preliminary Highway Impact
Assessment

Version A

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Sea Link

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3.8.F Preliminary Highway Impact Assessment

Table 3.8.F.1 AM Peaks

Location	Receptors	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
A299 (West)	K-RL1, K-RL2, K-RL3, K-RJ1, K-RJ2, K-RJ3	100	2,148	0	131	100	2,280	0.0%	6.1%	141	2,229	22	38	163	2,267	15.9%	1.7%
A299 (East)	K-RL4	86	3,436	0	31	86	3,467	0.0%	0.9%	105	3,130	3	5	108	3,135	2.7%	0.2%
A256 (South)	K-RL6	130	2,854	0	50	130	2,905	0.0%	1.8%	175	2,866	3	5	178	2,871	1.6%	0.2%
Sandwich Road	K-RL7, K-RJ6	143	2,494	0	60	143	2,555	0.0%	2.4%	152	2,745	10	17	162	2,762	6.6%	0.6%
A256 (K-BM02)	K-RL5	130	2,854	0	368	130	3,223	0.0%	12.9%	175	2,866	42	72	217	2,938	24.0%	2.5%
A299/A256 Roundabout	K-RJ4	156	4,172	0	163	156	4,335	0.0%	3.9%	189	4,093	27	46	215	4,138	14.1%	1.1%
A256/Sandwich Road Roundabout	K-RJ5	193	4,470	0	205	193	4,675	0.0%	4.6%	250	4,427	15	26	266	4,454	6.2%	0.6%
Ebbsfleet Lane (K-BM01)	K-RL8	14	249	0	60	14	310	0.0%	24.2%	15	274	10	17	25	291	65.9%	6.2%
Jutes Lane (K-BM03)	K-RL9	6	143	0	31	6	174	0.0%	21.7%	9	143	2	6	11	149	22.9%	4.2%

Table 3.8.F.2 PM Peaks

Location	Receptors	PM Network Peak (17:00-18:00)								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
A299 (West)	K-RL1, K-RL2, K-RL3, K-RJ1, K-RJ2, K-RJ3	45	2,175	6	22	51	2,197	14.2%	1.0%	30	1,715	0	131	30	1,846	0.0%	7.7%
A299 (East)	K-RL4	29	3,423	1	3	30	3,426	2.8%	0.1%	20	2,352	0	31	20	2,383	0.0%	1.3%
A256 (South)	K-RL6	50	2,849	1	3	51	2,852	1.6%	0.1%	18	1,540	0	50	18	1,590	0.0%	3.3%
Sandwich Road	K-RL7, K-RJ6	57	2,515	2	9	59	2,524	3.5%	0.4%	14	1,904	0	60	14	1,965	0.0%	3.2%
A256 (K-BM02)	K-RL5	50	2,849	12	42	62	2,891	23.8%	1.5%	18	1,540	0	270	18	1,809	0.0%	17.5%
A299/A256 Roundabout	K-RJ4	65	4,218	8	27	73	4,244	11.6%	0.6%	32	2,672	0	212	32	2,884	0.0%	7.9%
A256/Sandwich Road Roundabout	K-RJ5	82	3,909	4	15	87	3,924	5.3%	0.4%	27	2,235	0	58	27	2,293	0.0%	2.6%
Ebbsfleet Lane (K-BM01)	K-RL8	6	251	2	9	8	260	35.3%	3.6%	1	190	0	60	1	251	0.0%	31.7%
Jutes Lane (K-BM03)	K-RL9	3	142	0	4	3	146	0.0%	2.8%	1	77	0	31	1	108	0.0%	40.3%

Table 3.8.F.3 12 Hour Period

Location	Receptors	12 Hours (07:00-19:00)							
		Baseline		Development		Total		% Increase	
		HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
A299 (West)	K-RL1, K-RL2, K-RL3, K-RJ1, K-RJ2, K-RJ3	1,208	23,406	195	586	1,403	23,991	16.2%	2.5%
A299 (East)	K-RL4	1,133	33,123	24	102	1,158	33,225	2.2%	0.3%
A256 (South)	K-RL6	1,645	26,857	24	141	1,670	26,998	1.5%	0.5%
Sandwich Road	K-RL7, K-RJ6	1,517	24,489	84	267	1,601	24,755	5.5%	1.1%
A256 (K-BM02)	K-RL5	1,645	26,857	366	1,244	2,011	28,101	22.2%	4.6%
A299/A256 Roundabout	K-RJ4	1,950	41,218	232	759	2,182	41,977	11.9%	1.8%
A256/Sandwich Road Roundabout	K-RJ5	2,404	38,711	134	485	2,539	39,197	5.6%	1.3%
Ebbsfleet Lane (K-BM01)	K-RL8	152	2,449	84	267	236	2,716	55.4%	10.9%
Jutes Lane (K-BM03)	K-RL9	82	1,343	10	106	92	1,449	12.2%	7.9%

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