

The Great Grid Upgrade

Sea Link

Preliminary Environmental Information Report

Volume: 2

Part 3 Kent Onshore Scheme

Appendix 3.8.C Baseline Traffic Flows

Version A

October 2023

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Sea Link

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Date	Version	Status	Description / Changes
24/10/2023	A	FINAL	First issue

3.8.C Baseline Traffic Movements

Table 3.8.C.1 2019 Baseline

Location	Base Year	Direction	07:00-08:00		08:00-09:00		09:00-10:00		16:00-17:00		17:00-18:00		18:00-19:00		Weekday (12 hours)		Daily (24 hours)	
			HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
A299 (West)	2019	EB	56	987	65	1,139	52	805	27	1,027	19	1,113	11	859	541	11,271	572	12,695
		WB	37	1,015	66	938	86	739	26	1,137	23	914	17	739	573	10,309	604	11,604
		Total	93	2,002	131	2,077	138	1,544	53	2,164	42	2,027	28	1,598	1,114	21,580	1,176	24,299
A299 (East)	2019	EB	45	1,304	59	1,412	76	1,312	22	1,842	11	1,915	8	1,363	524	16,226	511	20,176
		WB	35	1,898	39	1,505	60	1,083	32	1,334	16	1,275	11	829	521	14,313	509	17,791
		Total	80	3,202	98	2,917	136	2,395	54	3,176	27	3,190	19	2,192	1,045	30,539	1,020	37,967
A256 (South)	2019	NB	54	1,003	72	1,170	83	943	54	1,490	26	1,543	8	802	736	12,419	729	15,179
		SB	67	1,657	91	1,501	70	867	48	1,080	21	1,112	9	633	781	12,343	774	15,083
		Total	121	2,660	163	2,671	153	1,810	102	2,570	47	2,655	17	1,435	1,517	24,762	1,503	30,262
Sandwich Road	2010	NB	65	712	62	959	66	743	21	1,161	20	1,182	4	982	611	10,186	605	12,303
		SB	51	1,309	61	1,265	66	738	41	739	26	861	7	565	612	9,557	613	11,543
		Total	116	2,021	123	2,224	132	1,481	62	1,900	46	2,043	11	1,547	1,223	19,743	1,218	23,846
A256 (K-BM02)	2019	Total	121	2,660	163	2,671	153	1,810	102	2,570	47	2,655	17	1,435	1,517	24,762	1,503	30,262
A299/A256 Roundabout	2019	Total	145	3,888	176	3,814	195	2,831	113	3,851	61	3,931	30	2,490	1,798	38,003	1,810	45,665
A256/Sandwich Road Roundabout	2010/2019	Total	172	3,969	224	3,936	219	2,548	143	3,309	73	3,516	24	2,000	2,129	34,319	2,116	41,805

Table 3.8.C.2 2023 Baseline

Location	Base Year	Direction	07:00-08:00		08:00-09:00		09:00-10:00		16:00-17:00		17:00-18:00		18:00-19:00		Weekday (12 hours)		Daily (24 hours)	
			HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
A299 (West)	2023	EB	58	1,021	67	1,178	54	833	28	1,061	20	1,150	11	888	561	11,694	593	13,169
		WB	38	1,050	68	970	89	764	27	1,175	24	944	18	764	594	10,696	627	12,037
		Total	96	2,071	136	2,149	143	1,597	55	2,236	43	2,094	29	1,651	1,156	22,389	1,220	25,205
A299 (East)	2023	EB	47	1,349	61	1,461	79	1,357	23	1,903	11	1,979	8	1,408	544	16,834	530	20,929
		WB	36	1,963	40	1,557	62	1,120	33	1,378	17	1,317	11	857	541	14,850	528	18,455
		Total	83	3,312	101	3,018	141	2,478	56	3,282	28	3,296	20	2,265	1,084	31,684	1,058	39,383
A256 (South)	2023	NB	56	1,038	74	1,210	86	976	56	1,540	27	1,594	8	829	764	12,885	756	15,745
		SB	69	1,714	94	1,553	72	897	50	1,116	22	1,149	9	654	810	12,806	803	15,646
		Total	125	2,752	169	2,763	158	1,872	105	2,656	49	2,743	18	1,483	1,574	25,691	1,559	31,391
Sandwich Road	2023	NB	77	847	74	1,141	79	884	25	1,376	24	1,401	5	1,164	725	12,086	719	14,626
		SB	61	1,557	73	1,505	79	878	49	876	31	1,021	8	670	726	11,339	729	13,722
		Total	138	2,405	146	2,646	157	1,762	73	2,252	55	2,422	13	1,834	1,451	23,425	1,448	28,348
A256 (K-BM02)	2023	Total	125	2,752	169	2,763	158	1,872	105	2,656	49	2,743	18	1,483	1,574	25,691	1,559	31,391
A299/A256 Roundabout	2023	Total	150	4,022	182	3,946	202	2,929	117	3,979	63	4,062	31	2,573	1,865	39,428	1,878	47,368
A256/Sandwich Road Roundabout	2023	Total	186	4,309	241	4,268	237	2,751	154	3,532	79	3,764	26	2,153	2,300	37,030	2,288	45,113

Table 3.8.C.3 2029 Baseline

Location	Base Year	Direction	07:00-08:00		08:00-09:00		09:00-10:00		16:00-17:00		17:00-18:00		18:00-19:00		Weekday (12 hours)		Daily (24 hours)	
			HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total	HGVs	Total
A299 (West)	2029	EB	60	1,059	70	1,222	56	864	29	1,102	20	1,194	12	922	587	12,225	620	13,766
		WB	40	1,089	71	1,007	92	793	28	1,220	25	981	18	793	621	11,181	655	12,583
		Total	100	2,148	141	2,229	148	1,657	57	2,322	45	2,175	30	1,715	1,208	23,406	1,275	26,350
A299 (East)	2029	EB	48	1,399	63	1,515	82	1,408	24	1,976	12	2,055	9	1,462	568	17,599	554	21,879
		WB	38	2,037	42	1,615	64	1,162	34	1,431	17	1,368	12	889	565	15,524	552	19,292
		Total	86	3,436	105	3,130	146	2,570	58	3,408	29	3,423	20	2,352	1,133	33,123	1,106	41,171
A256 (South)	2029	NB	58	1,076	77	1,256	89	1,012	58	1,599	28	1,656	9	861	798	13,470	791	16,460
		SB	72	1,778	98	1,611	75	930	52	1,159	23	1,193	10	679	847	13,387	839	16,356
		Total	130	2,854	175	2,866	164	1,942	109	2,758	50	2,849	18	1,540	1,645	26,857	1,630	32,816
Sandwich Road	2029	NB	80	879	77	1,184	81	917	26	1,429	25	1,455	5	1,209	758	12,634	752	15,290
		SB	63	1,616	75	1,561	81	911	50	910	32	1,060	9	695	759	11,854	762	14,345
		Total	143	2,494	152	2,745	163	1,828	76	2,339	57	2,515	14	1,904	1,517	24,489	1,514	29,635
A256 (K-BM02)	2029	Total	130	2,854	175	2,866	164	1,942	109	2,758	50	2,849	18	1,540	1,645	26,857	1,630	32,816
A299/A256 Roundabout	2029	Total	156	4,172	189	4,093	209	3,038	121	4,132	65	4,218	32	2,672	1,950	41,218	1,963	49,519
A256/Sandwich Road Roundabout	2029	Total	193	4,470	250	4,427	246	2,853	160	3,667	82	3,909	27	2,235	2,404	38,711	2,392	47,161

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

Registered in England and Wales
No. 4031152
nationalgrid.com