

East Anglia THREE

Appendix 20.2

Traffic Data Utilised in the Air Quality Assessment

Environmental Statement

Volume 3

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20.2 TRAFFIC DATA UTILISED IN THE AIR QUALITY ASSESSMENT

Table 20.2.1 Traffic Data used in the Assessment – Baseline

Link ID number	Road	2013 Base year		Speed (kph)
		AADT	% HGV	
1	A14 between the J51 and J52	46,452	13.5%	112
2	A14 between the J52 and J53	51,579	13.3%	112
3	A1156 south from J53	18,420	3.6%	64
4	A14 between the J53 and J55	48,702	12.7%	112
5	A12 south from J55	45,357	11.3%	112
6	Paper Mill Lane	2,084	4.4%	63
7	B1113	4,669	12.3%	70
9	A14 between the J55 and J56	55,950	13.5%	112
10	A14 between the J56 and J58	45,084	15.0%	112
11	A14 south from J58	29,484	18.8%	112
12	Trimley Road	3,531	2.2%	52
13	Newbourne Road/Ipswich Road	2,362	7.5%	68
14	A14 between J58 and Top Street	40,582	4.3%	80, 112
15	Top Street/Main Road	7,408	2.5%	46
16	A12 between Top Street and the A1152	34,435	4.2%	96, 64, 80
17	A12 north from the A1152	18,379	5.0%	96, 112
18	B1078 west from the A12	2,333	4.1%	68
19	B1079 between the Stoney Road and A12	6,595	3.0%	61
20	Ipswich Road	6,595	3.0%	61
21	B1077 between the B1078 and A1156	4,172	3.0%	48
22	A1214 west from the A12	17,551	4.0%	64, 48
23	B1078 between the A140 and B1077	3,235	4.1%	96, 48, 32
24	A140 north east of J51	16,677	10.1%	80
25	A14 north of J51	40,278	15.1%	112
26	A1152	7,943	5.9%	64, 48
27	B1083	2,128	4.0%	52
28	B1438	11,244	2.4%	51
29	Woodbridge Road/The Street	1,181	4.1%	32
30	School Lane/Waldringfield Road	1,993	2.9%	44

Table 20.2.2 Traffic Data used in the Assessment – ‘With Single Phase’ approach

Link ID	Road	2020 Without East Anglia THREE Project		2020 ‘With Single Phase’		Speed (kph)
		AADT	% HGV	AADT	% HGV	
1	A14 between the J51 and J52	51,751	13.5%	51,982	13.8%	112
2	A14 between the J52 and J53	57,462	13.3%	57,952	13.8%	112
3	A1156 south from J53	21,001	3.5%	21,147	3.9%	64
4	A14 between the J53 and J55	54,257	12.7%	54,683	13.2%	112
5	A12 south from J55	50,530	11.3%	51,078	12.0%	112
6	Paper Mill Lane	2,322	4.4%	2,689	15.3%	63
7	B1113	5,202	12.3%	5,518	15.4%	70
9	A14 between the J55 and J56	62,332	13.5%	62,827	14.1%	112
10	A14 between the J56 and J58	50,226	15.0%	50,721	15.7%	112
11	A14 south from J58	32,847	18.8%	33,033	19.0%	112
12	Trimley Road	3,934	2.2%	3,998	3.5%	52
13	Newbourne Road/Ipswich Road	2,632	7.5%	2,708	9.7%	68
14	A14 between J58 and Top Street	45,211	4.3%	45,841	5.3%	80, 112
15	Top Street/Main Road	8,254	2.5%	8,970	7.1%	46
16	A12 between Top Street and the A1152	38,874	4.2%	39,145	4.5%	96, 64, 80
17	A12 north from the A1152	20,584	5.0%	20,668	5.0%	96, 112
18	B1078 west from the A12	2,600	4.1%	2,606	4.1%	68
19	B1079 between the Stoney Road and A12	7,349	3.0%	7,486	4.4%	61
20	Ipswich Road	7,349	3.0%	7,431	4.0%	61
21	B1077 between the B1078 and A1156	6,199	2.3%	6,314	3.5%	48
22	A1214 west from the A12	19,974	3.9%	20,099	3.9%	64, 48
23	B1078 between the A140 and B1077	3,604	4.1%	3,626	4.0%	96, 48, 32
24	A140 north east of J51	18,580	10.1%	18,602	10.1%	80
25	A14 north of J51	44,872	15.1%	45,109	15.4%	112
26	A1152	9,549	5.4%	9,599	5.9%	64, 48
27	B1083	2,371	4.0%	2,421	5.8%	52
28	B1438	12,637	2.4%	12,720	2.7%	51
29	Woodbridge Road/The Street	1,316	4.1%	1,366	7.2%	32
30	School Lane/Waldringfield Road	2,221	2.9%	2,342	7.5%	44

Table 20.2.3 Traffic Data used in the Assessment – ‘With Two Phase – Phase 1’ approach

Link ID	Road	2020 Without East Anglia THREE Project		2020 ‘With Two Phase – Phase 1’		Speed (kph)
		AADT	% HGV	AADT	% HGV	
1	A14 between the J51 and J52	51,751	13.5%	51,963	13.8%	112
2	A14 between the J52 and J53	57,462	13.3%	57,890	13.8%	112
3	A1156 south from J53	21,001	3.5%	21,129	3.9%	64
4	A14 between the J53 and J55	54,257	12.7%	54,635	13.2%	112
5	A12 south from J55	50,530	11.3%	51,019	12.0%	112
6	Paper Mill Lane	2,322	4.4%	2,659	14.7%	63
7	B1113	5,202	12.3%	5,462	15.3%	70
9	A14 between the J55 and J56	62,332	13.5%	62,776	14.1%	112
10	A14 between the J56 and J58	50,226	15.0%	50,671	15.6%	112
11	A14 south from J58	32,847	18.8%	33,011	19.0%	112
12	Trimley Road	3,934	2.2%	3,994	3.5%	52
13	Newbourne Road/Ipswich Road	2,632	7.5%	2,687	9.2%	68
14	A14 between J58 and Top Street	45,211	4.3%	45,762	5.2%	80, 112
15	Top Street/Main Road	8,254	2.5%	8,873	6.8%	46
16	A12 between Top Street and the A1152	38,874	4.2%	39,148	4.6%	96, 64, 80
17	A12 north from the A1152	20,584	5.0%	20,648	5.0%	96, 112
18	B1078 west from the A12	2,600	4.1%	2,604	4.1%	68
19	B1079 between the Stoney Road and A12	7,349	3.0%	7,509	4.8%	61
20	Ipswich Road	7,349	3.0%	7,429	4.0%	61
21	B1077 between the B1078 and A1156	6,199	2.3%	6,309	3.5%	48
22	A1214 west from the A12	19,974	3.9%	20,067	3.9%	64, 48
23	B1078 between the A140 and B1077	3,604	4.1%	3,620	4.1%	96, 48, 32
24	A140 north east of J51	18,580	10.1%	18,595	10.1%	80
25	A14 north of J51	44,872	15.1%	45,088	15.4%	112
26	A1152	9,549	5.4%	9,598	5.9%	64, 48
27	B1083	2,371	4.0%	2,420	5.8%	52
28	B1438	12,637	2.4%	12,710	2.8%	51
29	Woodbridge Road/The Street	1,316	4.1%	1,365	7.2%	32
30	School Lane/Waldringfield Road	2,221	2.9%	2,298	6.0%	44

Table 20.2.4 Traffic Data used in the Assessment – ‘With Two Phase – Phase 2’ approach

Link ID	Road	2023 Without East Anglia THREE Project		2023 ‘With Two Phase – Phase 2’		Speed (kph)
		AADT	% HGV	AADT	% HGV	
1	A14 between the J51 and J52	54,499	13.5%	54,710	13.8%	112
2	A14 between the J52 and J53	60,513	13.3%	60,939	13.8%	112
3	A1156 south from J53	24,036	3.2%	24,164	3.6%	64
4	A14 between the J53 and J55	57,138	12.7%	57,514	13.2%	112
5	A12 south from J55	53,213	11.3%	53,701	11.9%	112
6	Paper Mill Lane	2,445	4.4%	2,780	14.1%	63
7	B1113	5,478	12.3%	5,736	15.1%	70
9	A14 between the J55 and J56	65,641	13.5%	66,085	14.0%	112
10	A14 between the J56 and J58	52,893	15.0%	53,337	15.6%	112
11	A14 south from J58	34,591	18.8%	34,754	19.0%	112
12	Trimley Road	4,143	2.2%	4,203	3.4%	52
13	Newbourne Road/Ipswich Road	2,771	7.5%	2,827	9.1%	68
14	A14 between J58 and Top Street	47,612	4.3%	48,162	5.2%	80, 112
15	Top Street/Main Road	8,692	2.5%	9,311	6.6%	46
16	A12 between Top Street and the A1152	40,911	4.2%	41,184	4.6%	96, 64, 80
17	A12 north from the A1152	21,671	5.0%	21,735	5.0%	96, 112
18	B1078 west from the A12	2,738	4.1%	2,742	4.1%	68
19	B1079 between the Stoney Road and A12	7,739	3.0%	7,898	4.7%	61
20	Ipswich Road	7,739	3.0%	7,819	4.0%	61
21	B1077 between the B1078 and A1156	12,720	1.2%	12,830	1.8%	48
22	A1214 west from the A12	22,706	3.6%	22,799	3.6%	64, 48
23	B1078 between the A140 and B1077	3,795	4.1%	3,811	4.1%	96, 48, 32
24	A140 north east of J51	19,566	10.1%	19,582	10.1%	80
25	A14 north of J51	47,254	15.1%	47,470	15.4%	112
26	A1152	10,019	5.5%	10,068	5.9%	64, 48
27	B1083	2,497	4.0%	2,546	5.7%	52
28	B1438	13,302	2.4%	13,374	2.7%	51
29	Woodbridge Road/The Street	1,386	4.1%	1,435	7.0%	32
30	School Lane/Waldringfield Road	2,339	2.9%	2,416	5.8%	44

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