

HyNet North West Hydrogen Pipeline

Delivering clean growth



Appendix 9F

Traffic Data

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1. Traffic Data

- 1.1.1 **Table 1F 1.1** includes the traffic data used in this assessment. The table shows the modelled ID link and a description of the road. The Annual Average Daily Traffic (AADT) flows for 2022 (verification and baseline) and 2028 (do minimum and do something scenarios) are included as well as the % of Heavy Duty Vehicles (HDVs). **Figure 9F.1** shows the modelled network.

Table 1F 1.1 Modelled Traffic Data

Road Link ID	Road description	Modelled Speed (kmph)	2022 AADT	2022 HDV %	2028 DM AADT	2028 DM HDV %	2028 DS AADT	2028 DS HDV %
1	M62	112	115166	11.70	121817	11.29	122112	11.41
2	A557	64	12282	2.68	12948	2.59	13295	4.21
5	A559	80	7995	3.61	8405	3.50	8612	4.63
6	Arley Road	96	1274	2.14	1339	2.08	1809	8.39
7	A56	96	10099	2.06	10682	1.99	11094	3.01
8	A6144	80	18808	5.90	19894	5.69	20427	6.14
9_1	A6114	64	7206	1.75	7622	1.69	7834	3.01
9_2	A6114	64	7206	1.75	7622	1.69	7834	3.01
9_J	A6114	20	7206	1.75	7622	1.69	7834	3.01
12	M62	112	107376	12.04	113577	11.61	113872	11.74
13	M56	112	89362	5.43	94523	5.24	94663	5.29
14	M60	112	142773	5.65	151019	5.45	151282	5.48
15	M62	112	109041	12.28	115339	11.85	115473	11.93
16	M6	112	102601	18.97	108526	18.30	108595	18.34
18	M6	112	117805	15.41	124608	14.87	124685	14.9

Road Link ID	Road description	Modelled Speed (kmph)	2022 AADT	2022 HDV %	2028 DM AADT	2028 DM HDV %	2028 DS AADT	2028 DS HDV %
21	A56	64	27236	6.87	28635	6.66	29090	6.92
23	M60	112	140586	4.72	148705	4.56	148967	4.59
24	M60	112	107770	6.66	113994	6.43	114257	6.47
25_1	A6144	64	14642	7.25	15487	7.00	16020	7.53
25_2	A6144	64	14642	7.25	15487	7.00	16020	7.53
25_J	A6144	20	14642	7.25	15487	7.00	16020	7.53
26	A556	96	37219	7.74	39130	7.51	39333	7.71
27	M56	80	125385	3.41	132626	3.29	132739	3.33
28	M56	112	141067	6.59	149214	6.36	149327	6.39
29	M62	112	110416	12.69	116792	12.24	117087	12.37
30	M60	112	123681	6.69	130824	6.45	131087	6.48
31	M60	112	122940	5.71	130040	5.51	130304	5.54
32	M60	112	122030	6.00	129077	5.79	129341	5.82
33	M56	80	104761	10.39	110811	10.02	110924	10.06
34_1	A6114	48	13024	1.20	13777	1.15	14071	1.89
34_2	A6114	48	13024	1.20	13777	1.15	14071	1.89

Road Link ID	Road description	Modelled Speed (kmph)	2022 AADT	2022 HDV %	2028 DM AADT	2028 DM HDV %	2028 DS AADT	2028 DS HDV %
35	M6	112	138028	10.39	145999	10.02	146298	10.11
36	M6	112	13769	4.25	14483	4.12	14550	4.26
37	A49	80	13959	8.24	14676	8.00	15167	8.78
38	A49	96	13959	8.24	14676	8.00	15167	8.78
39	A56	48	5399	1.93	5692	1.87	5861	2.58
40_1	A5060	48	18654	2.91	19621	2.82	19621	2.82
40_2	A5060	48	23900	1.47	25139	1.43	25365	1.80
40_J	A5061	20	23900	1.47	25139	1.43	25365	1.80
41	A557	64	12282	2.68	12948	2.59	13295	4.21
42	M56	112	120937	6.94	127921	6.70	128034	6.73
43	M56	112	120394	11.28	127347	10.89	127697	11.07
45_1	A556	96	32055	6.54	33701	6.35	33904	6.59
45_2	A556	96	32055	6.54	33701	6.35	33904	6.59
46_1	M62	112	132589	11.33	140247	10.94	140381	11.00
46_2	M62	112	132589	11.33	140247	10.94	140381	11.00
48_1	A56	80	27517	1.74	28944	1.69	29170	2.01

Road Link ID	Road description	Modelled Speed (kmph)	2022 AADT	2022 HDV %	2028 DM AADT	2028 DM HDV %	2028 DS AADT	2028 DS HDV %
48_2	A56	64	27517	1.74	28944	1.69	29170	2.01
49_1	M56	112	109225	11.84	115533	11.42	115882	11.62
49_2	M56	112	109225	11.84	115533	11.42	115882	11.62
51_1	A56	96	19473	1.16	20530	1.13	20654	1.65
51_2	A56	64	19473	1.16	20530	1.13	20654	1.65
52_1	A49	64	17998	5.93	18922	5.75	19330	6.36
52_2	A49	80	17998	5.93	18922	5.75	19330	6.36
53_1	A556	96	29631	6.72	31153	6.52	31356	6.78
53_2	A556	96	29631	6.72	31153	6.52	31356	6.78
54	A556	80	6112	4.56	6754	4.21	7026	4.91

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