

# Prosiect Maen Hir

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## Preliminary Environmental Information Report

Appendix 9-5: Construction Traffic Impact Assessment

Prosiect Maen Hir - September 2024

EN010156

lightsource bp





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**1 Introduction**

**1.1 Construction Traffic Impact Assessment**

Link	Name	Base 2027				Base 2027 + Proposed Development				AADT Percentage change		AADT Flow Change	
		Daily Two-way AADT			DoH	Future Flow AADT			DoH	Total	HGV	Total	HGV
		Total	HGVs	HGV %		Total	HGVs	HGV %					
1	Victoria Road	12631	680	5%	10	12659	680	5%	10	0%	0%	28	0
2	London Road	6215	380	6%	30	6242	380	6%	30	0%	0%	28	0
3	A5025 West	4785	505	11%	20	4813	505	10%	20	1%	0%	28	0
4	Llynon Lodge	647	65	10%	20	647	65	10%	20	0%	0%	0	0
5	A5025 Mid	2648	261	10%	30	2676	261	10%	30	1%	0%	28	0
6	Burwen	309	40	13%	20	336	40	12%	20	9%	0%	28	0
7	Ty-Coch	344	41	12%	20	447	74	17%	20	30%	82%	104	33
8	St Peirios	47	7	15%	10	58	7	12%	10	23%	0%	11	0
9	The Lastra Farm	555	66	12%	10	588	66	11%	10	6%	0%	33	0
10	Coed Y Gwynt	411	57	14%	20	526	91	17%	20	28%	58%	115	33
11	Penbol Gatehouse	249	35	14%	20	281	49	17%	20	12%	41%	31	14
12	Hafod Uchaf	788	83	11%	20	788	83	11%	20	0%	0%	0	0
13	Jones John	801	88	11%	10	951	136	14%	10	19%	54%	150	48

14	Carreglefn	134	19	15%	10	158	27	17%	10	18%	37%	24	7
15	Llanbabo	194	22	12%	10	218	30	14%	10	12%	32%	24	7
16	B5111 North	2331	238	10%	20	2432	306	13%	20	4%	29%	101	68
17	Frongaer BB	324	43	13%	20	324	43	13%	20	0%	0%	0	0
18	B5111 Mid	3316	370	11%	30	3444	391	11%	30	4%	6%	128	20
19	B5112 North	1334	173	13%	30	1367	173	13%	30	2%	0%	33	0
20	Capel Park	133	20	15%	10	133	20	15%	10	0%	0%	0	0
21	Lon Leidr	486	71	15%	20	491	76	15%	20	1%	8%	5	5
22	B5111 South	3164	286	9%	30	3271	313	10%	30	3%	9%	108	26
23	Bodewryd	48	1	2%	20	66	8	12%	20	37%	699%	18	7
24	A5025 East	4138	457	11%	20	4239	525	12%	20	2%	15%	101	68
25	B5112 South	1114	182	16%	10	1149	182	16%	10	3%	0%	35	0
26	Bryn Hyfryd	1229	137	11%	30	1326	163	12%	30	8%	19%	97	26
27	A5025 Lon Las	3151	333	11%	30	3151	333	11%	30	0%	0%	0	0
28	A5 Ffordd Caergybi	4547	738	16%	40	4547	738	16%	40	0%	0%	0	0
29	B4422	3255	309	9%	20	3316	335	10%	20	2%	9%	62	26
30	Llangefni	1628	222	14%	20	1663	222	13%	20	2%	0%	35	0
31	NCR 5	459	54	12%	10	464	59	13%	10	1%	10%	5	5

32	Frongaer BB2 (Unnamed Road)	213	28	13%	10	213	28	13%	10	0%	0%	0	0
33	Tref Alaw (Unnamed Road)	27	3	12%	10	34	10	30%	10	27%	233%	7	7
34	Penbol Gatehouse (Unnamed Road)	96	10	11%	10	103	17	17%	10	7%	70%	7	7
35	A5025 Pentaeth Road	8597	762	9%	40	8676	830	10%	40	1%	9%	79	68
36	A55	24368	1965	8%	50	24395	1992	8%	50	0%	1%	26	26
37	B5109	2274	216	9%	30	2301	242	11%	30	1%	12%	26	26
38	NCR (2)	457	54	12%	20	462	59	13%	20	1%	10%	5	5



