



## **Glyn Rhonwy Pumped Storage Development Consent Order**

### Appendix 12.2 Construction Traffic Impacts on Links and Junctions

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Q6 Llanberis	Traffic Flows		Month 1					Month 7					Month 18					Month 29					Month 33					Month 38				
	2015 Two Way Daily	2017 Two Way Daily	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact
Waunfawr Crossroads	298	305		40		40	13%		96		96	32%		96		96	32%		93		93	30%		53		53	17%		14		14	5%
Green Lane (east of crossroads)	298	305		40		40	13%		96		96	32%		96		96	32%		93		93	30%		53		53	17%		14		14	5%
Green Lane (west of crossroads)	499	510		40		40	8%		96		96	19%		96		96	19%		93		93	18%		53		53	10%		14		14	3%
A4085 Waunfawr	0	0																														
Green Lane	685	701		40		40	6%		96		96	14%		96		96	14%		93		93	13%		53		53	8%		14		14	2%
A4085 (W)	3440	3519		40		40	1%		96		96	3%		96		96	3%		93		93	3%		53		53	2%		14		14	0%
A4085 (E)	3069	3139				0	0%				0	0%				0	0%					0	0%				0	0%			0	0%
A4086 / Glyn Rhonwy	0	0																														
Glynn Rhonwy	811	830	5	40	15	80	10%	78	96	41	269	32%	41	96	26	198	24%	49	93	46	249	30%	10	53	24	118	14%	7	14	23	75	9%
A4086 (W)	6188	6329	2	40	15	77	1%	39	96	41	230	4%	21	96	26	177	3%	25	93	46	224	4%	5	53	24	113	2%	3	14	23	71	1%
A4086 (E)	5716	5847	2			2	0%	39			39	1%	21			21	0%	25			25	0%	5			5	0%	3			3	0%
A4086 / A422	0	0																														
A4244	6800	6956			15	35	1%			41	95	1%			26	60	1%			46	107	2%			24	55	1%			23	53	1%
A4086 (W)	6533	6683	2	40		42	1%	39	96		135	2%	21	96		117	2%	25	93		117	2%	5	53		58	1%	3	14		18	0%
A4086 (E)	6571	6721	2	40	15	77	1%	39	96	41	230	3%	21	96	26	177	3%	25	93	46	224	3%	5	53	24	113	2%	3	14	23	71	1%

Q1 Waunfawr	Traffic Flows		Month 1					Month 7					Month 18					Month 29					Month 33					Month 38				
	2015 Two Way Daily	2017 Two Way Daily	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact	Car Workers	Car / Van Daily	HGV	PCU	2017 % Impact
Waunfawr Crossroads	298	305	1	2	2	8	3%	7	78	51	202	66%	7	49	19	98	32%	7	78	71	248	81%	0	0	0	0	0%	0	0	0	0	0%
Green Lane (east of crossroads)	298	305	1	2	2	8	3%	7	78	51	202	66%	7	49	19	98	32%	7	78	71	248	81%	0	0	0	0	0%	0	0	0	0	0%
Green Lane (west of crossroads)	499	510	1	2	2	8	2%	7	78	51	202	40%	7	49	19	98	19%	7	78	71	248	49%	0	0	0	0	0%	0	0	0	0	0%
A4085 Waunfawr	0	0																														
Green Lane	685	701	1	2	2	8	1%	7	78	51	202	29%	7	49	19	98	14%	7	78	71	248	35%	0	0	0	0	0%	0	0	0	0	0%
A4085 (W)	3440	3519	1	2	2	8	0%	7	78	51	202	6%	7	49	19	98	3%	7	78	71	248	7%	0	0	0	0	0%	0	0	0	0	0%
A4085 (E)	3069	3139				0	0%				0	0%				0	0%				0	0%				0	0%			0	0%	
A4086 / Glyn Rhonwy	0	0																														
Glynn Rhonwy	811	830		2		2	0%		78		78	9%		49		49	6%		78		78	9%		0		0	0%		0		0	0%
A4086 (W)	6188	6329	0	2		2	0%	3	78		81	1%	3	49		52	1%	3	78		81	1%	0	0		0	0%	0	0		0	0%
A4086 (E)	5716	5847	0			0	0%	3			3	0%	3			3	0%	3			3	0%	0			0	0%	0			0	0%
A4086 / A422	0	0																														
A4244	6800	6956			2	6	0%			51	118	2%			19	43	1%			71	163	2%			0	0	0%			0	0	0%
A4086 (W)	6533	6683	0	2	2	8	0%	3	78	51	199	3%	3	49	19	95	1%	3	78	71	245	4%	0	0	0	0	0%	0	0	0	0	0%
A4086 (E)	6571	6721	0	2	2	8	0%	3	78		81	1%	3	49		52	1%	3	78		81	1%	0	0		0	0%	0	0		0	0%

TOTAL	Traffic Flows		Month 1					Month 7					Month 18					Month 29					Month 33					Month 38				
Waunfawr Crossroads	298	305	1	42	2	48	16%	7	174	51	299	98%	7	146	19	195	64%	7	171	71	341	112%	0	53	0	53	17%	0	14	0	14	5%
Green Lane (east of crossroads)	298	305	1	42	2	48	16%	7	174	51	299	98%	7	146	19	195	64%	7	171	71	341	112%	0	53	0	53	17%	0	14	0	14	5%
Green Lane (west of crossroads)	499	510	1	42	2	48	9%	7	174	51	299	59%	7	146	19	195	38%	7	171	71	341	67%	0	53	0	53	10%	0	14	0	14	3%
A4085 Waunfawr	0	0																														
Green Lane	685	701	1	42	2	48	7%	7	174	51	299	43%	7	146	19	195	28%	7	171	71	341	49%	0	53	0	53	8%	0	14	0	14	2%
A4085 (W)	3440	3519	1	42	2	48	1%	7	174	51	299	8%	7	146	19	195	6%	7	171	71	341	10%	0	53	0	53	2%	0	14	0	14	0%
A4085 (E)	3069	3139	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0	0%	0	0	0	0%	0	0	0	0	0%	
A4086 / Glyn Rhonwy	0	0																														
Glynn Rhonwy	811	830	5	42	15	81	10%	78	174	41	347	42%	41	146	26	247	30%	49	171	46	327	39%	10	53	24	118	14%	7	14	23	75	9%
A4086 (W)	6188	6329	3	42	15	80	1%	42	174	41	311	5%	24	146	26	230	4%	28	171	46	306	5%	5	53	24	113	2%	3	14	23	71	1%
A4086 (E)	5716	5847	3	0	0	3	0%	42	0	0	42	1%	24	0	0	24	0%	28	0	0	28	0%	5	0	0	5	0%	3	0	0	3	0%
A4086 / A422	0	0																														
A4244	6800	6956	0	0	18	41	1%	0	0	92	213	3%	0	0	45	103	1%	0	0	118	270	4%	0	0	24	55	1%	0	0	23	53	1%
A4086 (W)	6533	6683	3	42	2	50	1%	42	174	51	334	5%	24	146	19	212	3%	28	171	71	362	5%	5	53	0	58	1%	3	14	0	18	0%
A4086 (E)	6571	6721	3	42	15	80	1%	42	174	41	311	5%	24	146	26	230	3%	28	171	46	306	5%	5	53	24	113	2%	3	14	23	71	1%