

5.0 TARGETS - STAFF

- 5.1.1 Travel Plan targets will be formally set following the initial employee surveys and updated annually. The Travel Plan Co-ordinator will liaise with the Council to set suitable targets.
- 5.1.2 Travel Plans evolve over time and adapt to changing conditions. As the staff travel patterns may be liable to change over time, it will be necessary to carry out reviews of staff travel behaviour. The results from these reviews will enable the Travel Plan initiatives to be adapted as necessary.
- 5.1.3 It should be recognised that a genuine modal shift ultimately relates to an individual choosing an alternative means of travel to the private car rather than any apparent modal shifts caused by staff turnover (i.e. a cyclist replaced by a car driver or vice versa). Specific circumstances will be taken into account at the time of the annual reviews.

6.0 CONCLUSIONS

- 6.1.1 To achieve the target set out within this Travel Plan, Aldi will encourage its employees and customers alike, to take into account the benefits of sustainable forms of transport that are available to them given the highly accessible location of the site.
- 6.1.2 Aldi will undertake local infrastructure improvements to further enhance sustainable transport options in the vicinity of the site. This, allied with progressive management practices and the provision of adequate information, will influence and encourage staff and customers to choose sustainable transport options in preference to the private car.
- 6.1.3 The Travel Plan will seek to achieve significant reductions in car usage for journeys to and from the store. This will produce resultant benefits in terms of air quality and emissions and will also significantly reduce car parking demand and traffic generation associated with the development.



APPENDIX D

PARKING ACCUMULATION DATA

Vehicles In and Out by Hour by Day



ALDI Bangor

1,265 GFA

Week Commencing 04/02/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	5
02:00	0	0	0	0	0	2	2
03:00	0	0	0	0	1	2	0
04:00	4	4	4	4	4	1	0
05:00	1	1	2	3	3	4	0
06:00	0	1	2	0	1	0	5
07:00	4	3	5	11	7	4	1
08:00	32	29	25	56	34	39	1
09:00	73	61	73	83	82	85	18
10:00	77	80	84	85	99	104	97
11:00	97	93	77	98	102	140	116
12:00	103	84	96	92	116	132	106
13:00	113	103	80	106	111	123	114
14:00	94	86	90	91	97	113	115
15:00	81	82	85	85	119	99	72
16:00	71	76	73	85	106	74	7
17:00	83	63	78	77	72	55	2
18:00	51	38	43	56	45	29	2
19:00	37	29	42	38	32	25	2
20:00	20	19	16	17	25	13	1
21:00	10	9	4	11	8	2	2
22:00	1	0	1	3	1	0	0
23:00	0	1	0	0	0	1	0
	953	862	880	1001	1065	1047	668

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	5
02:00	0	0	0	0	0	1	2
03:00	0	0	0	0	0	3	0
04:00	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0
06:00	0	1	2	0	0	0	0
07:00	1	1	0	0	2	0	0
08:00	23	19	21	28	27	25	1
09:00	50	47	54	79	54	60	2
10:00	64	68	61	67	89	94	67
11:00	97	80	86	90	102	117	100
12:00	96	91	87	109	105	138	113
13:00	122	98	84	90	112	119	113
14:00	95	99	96	113	111	125	112
15:00	87	77	84	82	114	112	109
16:00	81	85	90	101	118	90	22
17:00	88	79	83	82	90	68	5
18:00	65	43	57	73	55	45	6
19:00	45	36	43	42	43	26	3
20:00	22	22	25	27	27	14	2
21:00	12	11	5	12	13	5	5
22:00	4	4	2	5	3	4	0
23:00	0	1	0	1	0	1	1
	953	862	880	1001	1065	1047	668

Trip Rates



ALDI Bangor

Week Commencing 04/02/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
01:00	0.079	0.000	0.000	0.000	0.000	0.000	0.395
02:00	0.000	0.000	0.000	0.000	0.000	0.158	0.158
03:00	0.000	0.000	0.000	0.000	0.079	0.158	0.000
04:00	0.316	0.316	0.316	0.316	0.316	0.079	0.000
05:00	0.079	0.079	0.158	0.237	0.237	0.316	0.000
06:00	0.000	0.079	0.158	0.000	0.079	0.000	0.395
07:00	0.316	0.237	0.395	0.870	0.553	0.316	0.079
08:00	2.530	2.292	1.976	4.427	2.688	3.083	0.079
09:00	5.771	4.822	5.771	6.561	6.482	6.719	1.423
10:00	6.087	6.324	6.640	6.719	7.826	8.221	7.668
11:00	7.668	7.352	6.087	7.747	8.063	11.067	9.170
12:00	8.142	6.640	7.589	7.273	9.170	10.435	8.379
13:00	8.933	8.142	6.324	8.379	8.775	9.723	9.012
14:00	7.431	6.798	7.115	7.194	7.668	8.933	9.091
15:00	6.403	6.482	6.719	6.719	9.407	7.826	5.692
16:00	5.613	6.008	5.771	6.719	8.379	5.850	0.553
17:00	6.561	4.980	6.166	6.087	5.692	4.348	0.158
18:00	4.032	3.004	3.399	4.427	3.557	2.292	0.158
19:00	2.925	2.292	3.320	3.004	2.530	1.976	0.158
20:00	1.581	1.502	1.265	1.344	1.976	1.028	0.079
21:00	0.791	0.711	0.316	0.870	0.632	0.158	0.158
22:00	0.079	0.000	0.079	0.237	0.079	0.000	0.000
23:00	0.000	0.079	0.000	0.000	0.000	0.079	0.000

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
01:00	0.079	0.000	0.000	0.000	0.000	0.000	0.395
02:00	0.000	0.000	0.000	0.000	0.000	0.079	0.158
03:00	0.000	0.000	0.000	0.000	0.000	0.237	0.000
04:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06:00	0.000	0.079	0.158	0.000	0.000	0.000	0.000
07:00	0.079	0.079	0.000	0.000	0.158	0.000	0.000
08:00	1.818	1.502	1.660	2.213	2.134	1.976	0.079
09:00	3.953	3.715	4.269	6.245	4.269	4.743	0.158
10:00	5.059	5.375	4.822	5.296	7.036	7.431	5.296
11:00	7.668	6.324	6.798	7.115	8.063	9.249	7.905
12:00	7.589	7.194	6.877	8.617	8.300	10.909	8.933
13:00	9.644	7.747	6.640	7.115	8.854	9.407	8.933
14:00	7.510	7.826	7.589	8.933	8.775	9.881	8.854
15:00	6.877	6.087	6.640	6.482	9.012	8.854	8.617
16:00	6.403	6.719	7.115	7.984	9.328	7.115	1.739
17:00	6.957	6.245	6.561	6.482	7.115	5.375	0.395
18:00	5.138	3.399	4.506	5.771	4.348	3.557	0.474
19:00	3.557	2.846	3.399	3.320	3.399	2.055	0.237
20:00	1.739	1.739	1.976	2.134	2.134	1.107	0.158
21:00	0.949	0.870	0.395	0.949	1.028	0.395	0.395
22:00	0.316	0.316	0.158	0.395	0.237	0.316	0.000
23:00	0.000	0.079	0.000	0.079	0.000	0.079	0.079

Vehicles In and Out by Hour by Day



ALDI Old Colwyn

1,407 GFA

Week Commencing 04/02/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	1	0	0	0
01:00	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0
04:00	0	0	0	1	0	0	0
05:00	2	2	1	1	3	2	0
06:00	2	0	1	1	1	2	1
07:00	8	8	4	3	7	6	2
08:00	44	40	41	33	54	31	2
09:00	73	63	53	86	68	70	20
10:00	78	88	79	85	85	102	131
11:00	108	87	95	106	99	108	124
12:00	116	103	82	56	90	116	129
13:00	87	99	80	106	117	111	125
14:00	110	90	118	101	127	135	136
15:00	104	93	106	128	128	130	126
16:00	115	84	107	115	139	106	2
17:00	86	90	83	108	135	85	1
18:00	55	69	55	88	98	52	0
19:00	45	42	41	59	44	37	2
20:00	25	28	18	26	32	23	2
21:00	13	13	12	26	23	9	2
22:00	1	2	0	1	0	3	0
23:00	0	0	0	0	2	1	0
	1072	1001	976	1131	1252	1129	806

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	1	0	0	1
01:00	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0
05:00	0	0	0	0	1	0	0
06:00	0	0	0	0	0	1	0
07:00	3	5	0	1	2	0	1
08:00	30	29	26	22	35	23	1
09:00	67	60	59	66	61	60	5
10:00	71	69	58	90	83	84	91
11:00	90	93	93	90	91	102	133
12:00	126	95	91	82	93	103	123
13:00	87	101	75	78	108	122	129
14:00	113	94	99	106	118	129	142
15:00	110	96	122	132	126	135	145
16:00	105	89	107	119	151	129	24
17:00	106	91	94	118	140	93	5
18:00	58	71	66	88	105	59	0
19:00	49	60	46	63	73	38	2
20:00	34	27	24	39	34	32	2
21:00	16	18	14	34	27	10	2
22:00	6	4	2	2	2	8	0
23:00	0	0	0	0	2	0	0
	1071	1002	976	1131	###	1128	807

ALDI Old Colwyn

Week Commencing 04/02/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.071	0.000	0.000	0.000
01:00	0.000	0.000	0.000	0.000	0.000	0.000	0.071
02:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04:00	0.000	0.000	0.000	0.071	0.000	0.000	0.000
05:00	0.142	0.142	0.071	0.071	0.213	0.142	0.000
06:00	0.142	0.000	0.071	0.071	0.071	0.142	0.071
07:00	0.569	0.569	0.284	0.213	0.498	0.426	0.142
08:00	3.127	2.843	2.914	2.345	3.838	2.203	0.142
09:00	5.188	4.478	3.767	6.112	4.833	4.975	1.421
10:00	5.544	6.254	5.615	6.041	6.041	7.249	9.311
11:00	7.676	6.183	6.752	7.534	7.036	7.676	8.813
12:00	8.244	7.321	5.828	3.980	6.397	8.244	9.168
13:00	6.183	7.036	5.686	7.534	8.316	7.889	8.884
14:00	7.818	6.397	8.387	7.178	9.026	9.595	9.666
15:00	7.392	6.610	7.534	9.097	9.097	9.240	8.955
16:00	8.173	5.970	7.605	8.173	9.879	7.534	0.142
17:00	6.112	6.397	5.899	7.676	9.595	6.041	0.071
18:00	3.909	4.904	3.909	6.254	6.965	3.696	0.000
19:00	3.198	2.985	2.914	4.193	3.127	2.630	0.142
20:00	1.777	1.990	1.279	1.848	2.274	1.635	0.142
21:00	0.924	0.924	0.853	1.848	1.635	0.640	0.142
22:00	0.071	0.142	0.000	0.071	0.000	0.213	0.000
23:00	0.000	0.000	0.000	0.000	0.142	0.071	0.000

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.071	0.000	0.000	0.071
01:00	0.000	0.000	0.000	0.000	0.000	0.000	0.071
02:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05:00	0.000	0.000	0.000	0.000	0.071	0.000	0.000
06:00	0.000	0.000	0.000	0.000	0.000	0.071	0.000
07:00	0.213	0.355	0.000	0.071	0.142	0.000	0.071
08:00	2.132	2.061	1.848	1.564	2.488	1.635	0.071
09:00	4.762	4.264	4.193	4.691	4.335	4.264	0.355
10:00	5.046	4.904	4.122	6.397	5.899	5.970	6.468
11:00	6.397	6.610	6.610	6.397	6.468	7.249	9.453
12:00	8.955	6.752	6.468	5.828	6.610	7.321	8.742
13:00	6.183	7.178	5.330	5.544	7.676	8.671	9.168
14:00	8.031	6.681	7.036	7.534	8.387	9.168	10.092
15:00	7.818	6.823	8.671	9.382	8.955	9.595	10.306
16:00	7.463	6.326	7.605	8.458	10.732	9.168	1.706
17:00	7.534	6.468	6.681	8.387	9.950	6.610	0.355
18:00	4.122	5.046	4.691	6.254	7.463	4.193	0.000
19:00	3.483	4.264	3.269	4.478	5.188	2.701	0.142
20:00	2.416	1.919	1.706	2.772	2.416	2.274	0.142
21:00	1.137	1.279	0.995	2.416	1.919	0.711	0.142
22:00	0.426	0.284	0.142	0.142	0.142	0.569	0.000
23:00	0.000	0.000	0.000	0.000	0.142	0.000	0.000

Vehicles In and Out by Hour by Day



ALDI Prestatyn

1,529 GFA

Week Commencing 04/02/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0
03:00	0	0	0	1	0	0	0
04:00	0	0	0	0	0	0	0
05:00	1	1	1	1	2	1	0
06:00	1	0	0	1	0	1	2
07:00	0	3	2	3	4	2	1
08:00	37	34	26	37	33	35	0
09:00	69	54	40	63	70	55	19
10:00	79	67	62	78	68	92	86
11:00	78	79	74	98	86	101	89
12:00	71	64	66	71	89	109	100
13:00	61	59	62	64	93	92	90
14:00	70	76	108	90	88	82	112
15:00	102	78	88	99	100	96	72
16:00	95	85	85	74	111	80	3
17:00	84	64	82	66	102	75	1
18:00	45	49	53	68	64	56	2
19:00	41	41	37	54	35	29	1
20:00	11	11	15	12	22	17	1
21:00	2	8	9	7	10	5	1
22:00	0	0	0	0	0	2	0
23:00	0	0	0	0	0	1	0
	847	773	810	887	977	931	580

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0
03:00	0	0	0	1	0	0	0
04:00	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0
06:00	1	0	0	0	0	0	0
07:00	0	2	0	1	0	0	0
08:00	22	24	15	25	20	26	0
09:00	61	45	41	51	53	47	6
10:00	74	55	46	76	75	69	68
11:00	78	90	66	73	72	100	83
12:00	66	61	72	98	104	103	107
13:00	75	60	58	64	85	106	87
14:00	54	67	102	83	83	89	101
15:00	107	93	89	100	106	92	103
16:00	91	72	101	89	109	89	19
17:00	99	79	82	63	108	86	1
18:00	54	50	60	78	81	52	2
19:00	45	50	43	57	45	40	1
20:00	16	14	24	18	22	23	1
21:00	3	10	8	9	12	6	1
22:00	1	1	3	1	2	2	0
23:00	0	0	0	0	0	1	0
	847	773	810	887	977	931	580

ALDI Prestatyn

Week Commencing 04/02/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
01:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03:00	0.000	0.000	0.000	0.065	0.000	0.000	0.000
04:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05:00	0.065	0.065	0.065	0.065	0.131	0.065	0.000
06:00	0.065	0.000	0.000	0.065	0.000	0.065	0.131
07:00	0.000	0.196	0.131	0.196	0.262	0.131	0.065
08:00	2.420	2.224	1.700	2.420	2.158	2.289	0.000
09:00	4.513	3.532	2.616	4.120	4.578	3.597	1.243
10:00	5.167	4.382	4.055	5.101	4.447	6.017	5.625
11:00	5.101	5.167	4.840	6.409	5.625	6.606	5.821
12:00	4.644	4.186	4.317	4.644	5.821	7.129	6.540
13:00	3.990	3.859	4.055	4.186	6.082	6.017	5.886
14:00	4.578	4.971	7.063	5.886	5.755	5.363	7.325
15:00	6.671	5.101	5.755	6.475	6.540	6.279	4.709
16:00	6.213	5.559	5.559	4.840	7.260	5.232	0.196
17:00	5.494	4.186	5.363	4.317	6.671	4.905	0.065
18:00	2.943	3.205	3.466	4.447	4.186	3.663	0.131
19:00	2.681	2.681	2.420	3.532	2.289	1.897	0.065
20:00	0.719	0.719	0.981	0.785	1.439	1.112	0.065
21:00	0.131	0.523	0.589	0.458	0.654	0.327	0.065
22:00	0.000	0.000	0.000	0.000	0.000	0.131	0.000
23:00	0.000	0.000	0.000	0.000	0.000	0.065	0.000

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
01:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03:00	0.000	0.000	0.000	0.065	0.000	0.000	0.000
04:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06:00	0.065	0.000	0.000	0.000	0.000	0.000	0.000
07:00	0.000	0.131	0.000	0.065	0.000	0.000	0.000
08:00	1.439	1.570	0.981	1.635	1.308	1.700	0.000
09:00	3.990	2.943	2.681	3.336	3.466	3.074	0.392
10:00	4.840	3.597	3.009	4.971	4.905	4.513	4.447
11:00	5.101	5.886	4.317	4.774	4.709	6.540	5.428
12:00	4.317	3.990	4.709	6.409	6.802	6.736	6.998
13:00	4.905	3.924	3.793	4.186	5.559	6.933	5.690
14:00	3.532	4.382	6.671	5.428	5.428	5.821	6.606
15:00	6.998	6.082	5.821	6.540	6.933	6.017	6.736
16:00	5.952	4.709	6.606	5.821	7.129	5.821	1.243
17:00	6.475	5.167	5.363	4.120	7.063	5.625	0.065
18:00	3.532	3.270	3.924	5.101	5.298	3.401	0.131
19:00	2.943	3.270	2.812	3.728	2.943	2.616	0.065
20:00	1.046	0.916	1.570	1.177	1.439	1.504	0.065
21:00	0.196	0.654	0.523	0.589	0.785	0.392	0.065
22:00	0.065	0.065	0.196	0.065	0.131	0.131	0.000
23:00	0.000	0.000	0.000	0.000	0.000	0.065	0.000

Vehicles In and Out by Hour by Day



ALDI Ruthin Road, Wrexham

1,820 GFA

Week Commencing 04/03/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0
07:00	9	8	7	7	20	21	0
08:00	68	38	37	41	80	101	4
09:00	112	107	96	151	169	127	57
10:00	147	113	100	157	183	180	243
11:00	159	140	129	149	171	191	207
12:00	185	141	143	144	174	201	211
13:00	159	151	142	148	172	191	215
14:00	156	142	121	135	187	182	213
15:00	156	134	132	125	183	142	143
16:00	138	110	117	136	173	155	7
17:00	65	25	64	61	75	61	2
18:00	0	0	1	0	0	1	0
19:00	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0
	1354	1109	1089	1254	1587	1553	1302

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0
07:00	2	0	1	0	5	1	0
08:00	48	27	20	32	52	83	2
09:00	91	79	73	97	127	96	4
10:00	124	115	99	148	180	157	186
11:00	152	117	107	138	178	193	217
12:00	174	149	155	158	168	191	219
13:00	186	137	136	171	171	198	221
14:00	161	176	141	129	183	187	202
15:00	151	125	113	127	194	177	219
16:00	141	124	130	111	178	149	25
17:00	121	60	108	137	148	112	6
18:00	3	0	6	6	3	9	1
19:00	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0
	1354	1109	1089	1254	1587	1553	1302

ALDI Ruthin Road, Wrexham

Week Commencing 04/02/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
01:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07:00	0.495	0.440	0.385	0.385	1.099	1.154	0.000
08:00	3.736	2.088	2.033	2.253	4.396	5.549	0.220
09:00	6.154	5.879	5.275	8.297	9.286	6.978	3.132
10:00	8.077	6.209	5.495	8.626	10.055	9.890	13.352
11:00	8.736	7.692	7.088	8.187	9.396	10.495	11.374
12:00	10.165	7.747	7.857	7.912	9.560	11.044	11.593
13:00	8.736	8.297	7.802	8.132	9.451	10.495	11.813
14:00	8.571	7.802	6.648	7.418	10.275	10.000	11.703
15:00	8.571	7.363	7.253	6.868	10.055	7.802	7.857
16:00	7.582	6.044	6.429	7.473	9.505	8.516	0.385
17:00	3.571	1.374	3.516	3.352	4.121	3.352	0.110
18:00	0.000	0.000	0.055	0.000	0.000	0.055	0.000
19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
01:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
02:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
03:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
04:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
06:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
07:00	0.110	0.000	0.055	0.000	0.275	0.055	0.000
08:00	2.637	1.484	1.099	1.758	2.857	4.560	0.110
09:00	5.000	4.341	4.011	5.330	6.978	5.275	0.220
10:00	6.813	6.319	5.440	8.132	9.890	8.626	10.220
11:00	8.352	6.429	5.879	7.582	9.780	10.604	11.923
12:00	9.560	8.187	8.516	8.681	9.231	10.495	12.033
13:00	10.220	7.527	7.473	9.396	9.396	10.879	12.143
14:00	8.846	9.670	7.747	7.088	10.055	10.275	11.099
15:00	8.297	6.868	6.209	6.978	10.659	9.725	12.033
16:00	7.747	6.813	7.143	6.099	9.780	8.187	1.374
17:00	6.648	3.297	5.934	7.527	8.132	6.154	0.330
18:00	0.165	0.000	0.330	0.330	0.165	0.495	0.055
19:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vehicles In and Out by Hour by Day

ALDI Average (Bangor, Old Colwyn, Prestatyn and Wrexham)

Week Commencing 04/03/2019

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.018	0.000	0.000	0.000
01:00	0.020	0.000	0.000	0.000	0.000	0.000	0.117
02:00	0.000	0.000	0.000	0.000	0.000	0.040	0.040
03:00	0.000	0.000	0.000	0.016	0.020	0.040	0.000
04:00	0.079	0.079	0.079	0.097	0.079	0.020	0.000
05:00	0.072	0.072	0.074	0.093	0.145	0.131	0.000
06:00	0.052	0.020	0.057	0.034	0.038	0.052	0.149
07:00	0.345	0.360	0.299	0.416	0.603	0.507	0.072
08:00	2.953	2.362	2.156	2.861	3.270	3.281	0.110
09:00	5.406	4.678	4.357	6.273	6.295	5.567	1.805
10:00	6.219	5.792	5.451	6.622	7.092	7.844	8.989
11:00	7.295	6.599	6.192	7.469	7.530	8.961	8.794
12:00	7.799	6.473	6.398	5.952	7.737	9.213	8.920
13:00	6.960	6.833	5.967	7.058	8.156	8.531	8.899
14:00	7.100	6.492	7.303	6.919	8.181	8.473	9.446
15:00	7.259	6.389	6.815	7.290	8.775	7.787	6.803
16:00	6.895	5.895	6.341	6.801	8.756	6.783	0.319
17:00	5.435	4.234	5.236	5.358	6.520	4.661	0.101
18:00	2.721	2.778	2.707	3.782	3.677	2.426	0.072
19:00	2.201	1.990	2.164	2.682	1.986	1.626	0.091
20:00	1.019	1.053	0.881	0.994	1.422	0.944	0.072
21:00	0.461	0.540	0.439	0.794	0.730	0.281	0.091
22:00	0.038	0.036	0.020	0.077	0.020	0.086	0.000
23:00	0.000	0.020	0.000	0.000	0.036	0.054	0.000

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0.000	0.000	0.000	0.018	0.000	0.000	0.018
01:00	0.020	0.000	0.000	0.000	0.000	0.000	0.117
02:00	0.000	0.000	0.000	0.000	0.000	0.020	0.040
03:00	0.000	0.000	0.000	0.016	0.000	0.059	0.000
04:00	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05:00	0.000	0.000	0.000	0.000	0.018	0.000	0.000
06:00	0.016	0.020	0.040	0.000	0.000	0.018	0.000
07:00	0.101	0.141	0.014	0.034	0.144	0.014	0.018
08:00	2.007	1.654	1.397	1.793	2.197	2.468	0.065
09:00	4.426	3.816	3.789	4.900	4.762	4.339	0.281
10:00	5.440	5.049	4.348	6.199	6.932	6.635	6.608
11:00	6.879	6.312	5.901	6.467	7.255	8.411	8.677
12:00	7.605	6.530	6.643	7.384	7.736	8.865	9.176
13:00	7.738	6.594	5.809	6.560	7.871	8.972	8.984
14:00	6.980	7.140	7.261	7.246	8.161	8.786	9.163
15:00	7.498	6.465	6.835	7.346	8.890	8.548	9.423
16:00	6.891	6.142	7.117	7.090	9.242	7.573	1.515
17:00	6.903	5.294	6.135	6.629	8.065	5.941	0.286
18:00	3.239	2.929	3.363	4.364	4.318	2.912	0.165
19:00	2.496	2.595	2.370	2.881	2.883	1.843	0.111
20:00	1.301	1.143	1.313	1.521	1.497	1.221	0.091
21:00	0.570	0.701	0.478	0.988	0.933	0.375	0.151
22:00	0.202	0.166	0.124	0.151	0.128	0.254	0.000
23:00	0.000	0.020	0.000	0.020	0.036	0.036	0.020

Proposed ALDI, Llay

Vehicles In

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	2
02:00	0	0	0	0	0	1	1
03:00	0	0	0	0	0	1	0
04:00	2	2	2	2	2	0	0
05:00	1	1	1	2	3	3	0
06:00	1	0	1	1	1	1	3
07:00	7	7	6	8	12	10	1
08:00	57	46	42	56	63	64	2
09:00	105	91	85	122	122	108	35
10:00	121	112	106	129	138	152	174
11:00	142	128	120	145	146	174	171
12:00	151	126	124	116	150	179	173
13:00	135	133	116	137	158	166	173
14:00	138	126	142	134	159	164	183
15:00	141	124	132	141	170	151	132
16:00	134	114	123	132	170	132	6
17:00	105	82	102	104	127	90	2
18:00	53	54	53	73	71	47	1
19:00	43	39	42	52	39	32	2
20:00	20	20	17	19	28	18	1
21:00	9	10	9	15	14	5	2
22:00	1	1	0	1	0	2	0
23:00	0	0	0	0	1	1	0
	1365	1217	1222	1390	1574	1501	1065

Vehicles Out

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	1
03:00	0	0	0	0	0	1	0
04:00	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0
06:00	0	0	1	0	0	0	0
07:00	2	3	0	1	3	0	0
08:00	39	32	27	35	43	48	1
09:00	86	74	74	95	92	84	5
10:00	106	98	84	120	135	129	128
11:00	134	123	115	126	141	163	168
12:00	148	127	129	143	150	172	178
13:00	150	128	113	127	153	174	174
14:00	135	139	141	141	158	171	178
15:00	146	125	133	143	173	166	183
16:00	134	119	138	138	179	147	29
17:00	134	103	119	129	157	115	6
18:00	63	57	65	85	84	57	3
19:00	48	50	46	56	56	36	2
20:00	25	22	25	30	29	24	2
21:00	11	14	9	19	18	7	3
22:00	4	3	2	3	2	5	0
23:00	0	0	0	0	1	1	0
	1365	1217	1222	1390	1574	1500	1066

Proposed ALDI, Llay

Accumulation

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0
04:00	2	2	2	2	2	0	0
05:00	3	3	3	4	4	3	0
06:00	4	3	3	4	5	4	3
07:00	8	8	9	12	14	13	4
08:00	27	21	24	33	35	29	5
09:00	46	38	35	59	65	53	34
10:00	61	52	56	67	68	76	81
11:00	69	58	62	87	73	87	83
12:00	73	57	57	59	73	94	78
13:00	58	62	60	69	79	85	76
14:00	60	49	61	62	79	79	82
15:00	55	47	60	61	77	64	31
16:00	55	43	45	56	67	49	8
17:00	27	22	28	31	37	24	4
18:00	17	19	15	20	25	15	2
19:00	11	7	11	16	7	10	2
20:00	6	6	3	6	6	5	2
21:00	4	3	2	2	2	3	0
22:00	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0
Max	73	62	62	87	79	94	83

% Accumulation

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00:00	0%	0%	0%	0%	0%	0%	0%
01:00	0%	0%	0%	0%	0%	0%	0%
02:00	0%	0%	0%	0%	0%	0%	0%
03:00	0%	0%	0%	0%	0%	0%	0%
04:00	1%	2%	1%	2%	2%	0%	0%
05:00	3%	3%	3%	3%	4%	3%	0%
06:00	3%	3%	3%	4%	4%	3%	2%
07:00	7%	6%	8%	10%	12%	11%	3%
08:00	23%	18%	20%	28%	30%	25%	4%
09:00	39%	33%	30%	51%	56%	46%	30%
10:00	52%	45%	48%	58%	58%	66%	69%
11:00	59%	50%	53%	75%	63%	75%	71%
12:00	63%	49%	49%	51%	63%	81%	67%
13:00	50%	53%	52%	59%	68%	73%	66%
14:00	52%	42%	52%	54%	68%	68%	70%
15:00	48%	41%	52%	53%	66%	55%	27%
16:00	48%	37%	39%	48%	58%	42%	7%
17:00	23%	19%	24%	27%	32%	21%	4%
18:00	15%	17%	13%	17%	21%	13%	2%
19:00	10%	6%	10%	14%	6%	9%	2%
20:00	5%	5%	2%	5%	5%	4%	1%
21:00	3%	2%	2%	2%	2%	3%	0%
22:00	0%	0%	0%	0%	0%	0%	0%
23:00	0%	0%	0%	0%	0%	0%	0%
Max	63%	53%	53%	75%	68%	81%	71%



APPENDIX E

ACTIVE TRAVEL ASSESSMENT

Technical Note No. 2

Project: Proposed Aldi foodstore – Straight Mile, Llay

Title: **Active Travel Route Analysis**

Date: September 2020

1.0 Introduction

1.1 This Technical Note has been prepared in response to the Wrexham County Borough Council email dated 30 July 2020 included as **Appendix A** to this Technical Note, which requested a review of two Active Travel Routes.

1.2 The aforementioned email states:

'The existing active travel routes noted on the plan, the most significant being the route through Nant Y Gaer Woods, need to be assessed as part of the application with a view to improving/upgrading the routes if required. On the basis that the routes may provide short cuts to the development for the local population of Llay (particularly the route which runs through Nant Y Gaer Woods of which I also attach a photo showing the existing route), if upgrades or improvements are required to these routes, these should be identified and a contribution made by the developer to secure these upgrades. However, if on assessment the developer does not consider that a contribution is required or reasonable, this would need to be justified as part of the application.'

1.3 This Technical Note provides the assessment called for in the 30th July 2020 email and examines the Active Travel Routes through Nant Y Gaer Woods as identified in **Figure 1-1** below which is the plan provided by Wrexham Council in their email of the 30th July.



Figure 1-1: Active Travel Routes through Nant Y Gaer Woods (taken from Wrexham Council's email dated 30th July)

- 1.4 It should be noted that the provided plan presented in Figure 1-1 as supplied by Wrexham Council in their email of the 30th July does not correspond with the Active Travel Routes identified in Llay on the Wrexham Council Active Travel Routes website.

- 1.5 **Appendix B** presents the download plan for Active Travel Routes in Llay. From this plan it is evidence that the northwest / southeast route through Nant Y Gaer Woods is not an identified Active Route.
- 1.6 In addition to the northwest / southeast route through Nant Y Gaer Woods not being an identified Active Route; it is unclear why this route is considered to be relevant to the proposed Aldi Store planning application reference P/2019/0525. A more direct route exists along the B5102 Llay Road; which benefits from a good footway which is illuminated and provides a direct link to the proposed zebra crossing on Gresford Road.
- 1.7 Notwithstanding the above, Section 2.0 of this Technical Note provides a photo audit of the Wrexham Council route identified in **Figure 1-1** above.

2.0 Active Travel Photo Audit

- 2.1 The Wrexham Council identified route presented in Figure 1-1 has been walked and photographed to inform an understanding of the route and whether or not there are required upgrades to the route that could be funded by the Aldi development proposals.
- 2.2 It should be noted that this audit was not carried out as part of the residential development; which one would conclude might benefit from this Active Travel Route more than the Aldi Foodstore. Therefore from the outset it is unclear as to why Wrexham Council wish to consider whether a '*contribution is required or reasonable*' for the Aldi development when such a contribution was not attributed to the large residential development consent.
- 2.3 **Figure 2-1** provides a photo key as to the locations at which the images presented in **Appendix C** have been taken.

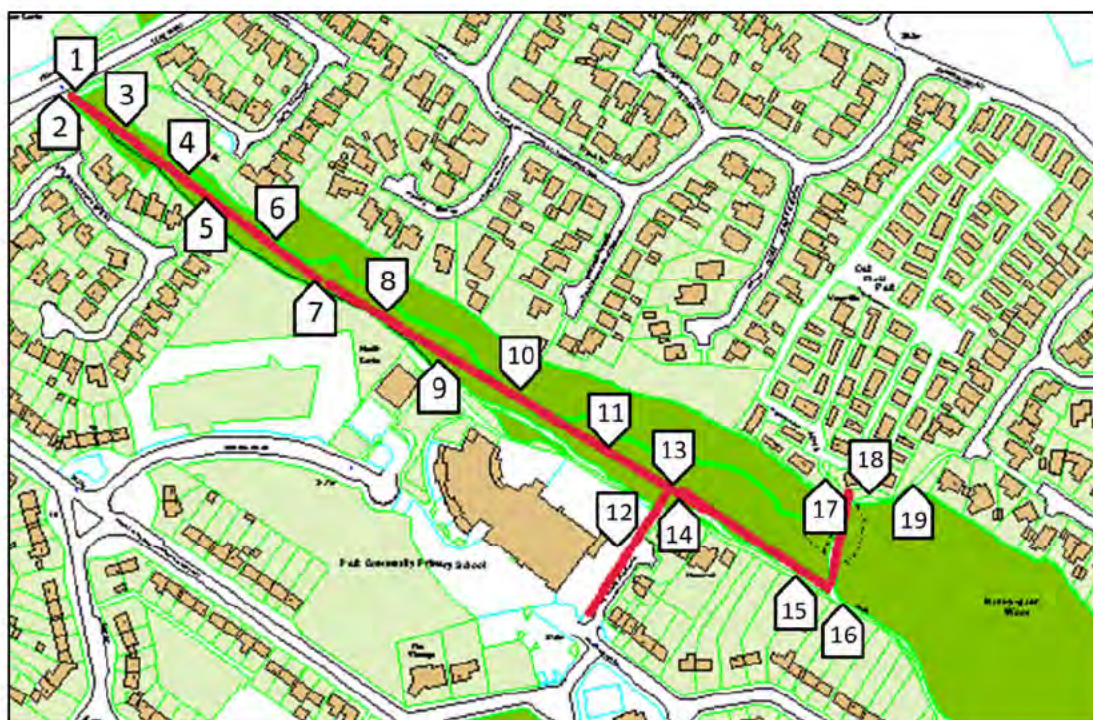


Figure 2-1: Photo Key of Active Travel Route (as identified by Wrexham Council's emailed dated 30th July 2020)

- 2.4 It is evident from the photo audit and site observations that the footpath identified is surfaced in a bound material for its entire length. This surface is smooth and effected by cracking or tree route up-lift.

**It is concluded that the footpath does not require
remedial works to the surfacing or construction make-up**

- 2.5 The footpath defined by Wrexham Council is of a good width along its entire length enabling the passage of two-way pedestrians, double push chairs and wheel chairs in an unfettered manner.
- 2.6 Whilst the footpath is considered to be of a good width, it should be noted that there exists no opportunities to widen the footway without the removal of mature trees. It is therefore considered on balance that it would be inappropriate to remove mature trees to accommodate an increased width to 3.0m should there be a desire to convert it into a cycleway / footway.

It is concluded that the footpath provides a good width for the passage of pedestrians and on balance cannot be widened due to the bordering mature tree growth

- 2.7 Due to the natural topography of the land over which the footway passes, there are sections which exceed a 1 in 20 gradient which makes it less appealing for wheelchair users.
- 2.8 In order to address this, tree clearance and substantial retaining walls would need to be constructed at significant financial and environmental costs.

It is concluded that the gradients of the footpath in places exceed 1 in 20 but this matter cannot be resolved without incurring significant financial and environmental costs which are considered on balance not to be reasonable or justified as part of this application

- 2.9 The existing footpath does not benefit from a system of street lighting along its entire length. The fundamental issue with installing lighting along this route is one of environmental impact.
- 2.10 Advice obtained from *Cambrian Ecology* states that:
- 1) *This woodland is an important linear feature in the context of the wider landscape and could be utilised by bats commuting to and from roosts and foraging areas; and*
 - 2) *Any lighting installed would be recommended to be capped and/or downward facing, ensuring that the tree canopies are not illuminated*
- 2.11 The installation of street lighting is therefore considered to have a significant impact on bat foraging and other ecological matters. Should be lighting be installed it is unlikely to ensure facial recognition or sufficient spill to address dark spots within the neighbouring woodland. Therefore the effectiveness of street lighting to provide dark hours security is likely to be very limited.
- 2.12 Finally, the route has no active edges and is not overlooked. It is therefore the opinion of Cameron Rose Associates, that the installation of street lighting is unlikely to see a material increase in use of this link due to security concerns from dark and available hiding spots.

Whilst appropriate street lighting cannot be installed due to ecological impacts; it is also concluded that the installation of street lighting along the route would not make the route sufficiently secure to increase use during the hours of dark. The control of spill lighting would result in dark spots which combined with no active edges results in an unsecured dark route.

3.0 Conclusion

- 3.1 The route identified in the Wrexham Council email of the 30th July 2020 is not entirely identified as an Active Travel Route on the Wrexham Council Active Travel website.
- 3.2 Improvements to this route or indeed any other Active Travel routes in Llay were not identified by Wrexham County Borough Council during the determination of the Home Farm residential development neighbouring the Aldi application site in Llay.
- 3.3 Notwithstanding the above, a photo audit has been undertaken. This audit has concluded the following:
- The footpath is constructed from a bound material and no cracking or tree route up-lift is evident. Therefore the surface is in a good state of repair;
 - The route is of sufficient width to accommodate the passage of two way pedestrian movements, wheelchairs and double pushchairs;
 - Significant loss of mature trees along the length of the route would be required to increase the width of the route to 3.0m to accommodate a cyclepath / footpath facility;
 - Whilst the footpath in places exceeds a 1 in 20 gradient the ecological and financial costs of installing significant retaining walls and material import are not reasonable or justified as part of this application;
 - Installation of street lighting would have a significant ecological impact on bat foraging lines. As such light spill would need to be controlled, which would give rise to dark spots and available hiding places making this an unsecure dark route; and

- It is considered that the installation of street lighting would in any event not increase pedestrian movements along this route during the hours of dark; as the route has no active edges or natural surveillance.

3.4 In conclusion it is considered that a contribution is not required or deemed reasonable as part of application reference P/2019/0525.



APPENDICES



APPENDIX A

WREXHAM COUNTY BOROUGH COUNCIL

EMAIL DATED 30TH JULY 2020

From: Mared Rees-Jones
Sent: 30 July 2020 16:28
To: 'Gabrilatsou, Joanna'
Cc: David Williams
Subject: P/2019/0525 - Aldi, Llay

Hi Joanna

Firstly, I apologise for the delay in my response to your most recent email sent regarding the above application.

As it stands, I am seeking confirmation from Mott MacDonald that the outstanding issues (in my view) are the provision of the footpath from the zebra crossing/bus stop to the site access and the additional information required regarding Active Travel.

Footway Provision

I have sought the Tree Officer's views on the potential for achieving a footway along part of the site frontage, using the Off Site Highway Works Plan submitted by Cameron Rose on 01/07. He has indicated that cross sectional drawings of the footpath, juxtaposed with RPA's, and if necessary a specification for any no-dig approach would be required to be submitted up front prior to the determination.

I am hoping to speak to Hayley Palmer at MM tomorrow to ascertain the exact location of the footway along the frontage so that this can be progressed.

Active Travel

In terms of Active Travel, I attach a plan showing the existing active travel routes within and around Llay. More information is available on the Council's website at:-

http://old.wrexham.gov.uk/english/travel/active_travel.htm

The existing active travel routes noted on the plan, the most significant being the route through Nant Y Gaer Woods, need to be assessed as part of the application with a view to improving/upgrading the routes if required. On the basis that the routes may provide short cuts to the development for the local population of Llay (particularly the route which runs through Nant Y Gaer Woods of which I also attach a photo showing the existing route), if upgrades or improvements are required to these routes, these should be identified and a contribution made by the developer to secure these upgrades. However, if on assessment the developer does not consider that a contribution is required or reasonable, this would need to be justified as part of the application.

Swept Path Analysis

I note the tracking information provided in the updated plan submitted by Cameron Rose on 02/07, which provided MM are satisfied with this, will be added to the approved plans.

I also note the pedestrian vis splay on the northern side of Gresford Road at the proposed zebra crossing shown on the submitted plan by Cameron Rose on 01/07, which again, provided MM are satisfied with this, will be added to the approved plans.

Other Matters

I do not see why all other matters raised by MM in their most recent response cannot be covered by condition.

I have spoken this week with David Williams who is happy to attend a zoom meeting with yourself to discuss any outstanding issues with the application/a way forward following overcoming the above highway issues. Whilst the LPA are no longer in a position to be able to determine the application, as previously mentioned, the application could still be discussed at Planning Committee with a view to at least establishing a recommendation.

Once I have received confirmation from MM as to the exact position of the required footway (again hopefully this will be tomorrow), I will send you a further email to confirm.

If you have any queries in the meantime, please let me know.

Mared

Rydym yn croesawu gohebiaeth yn Gymraeg. Byddwn yn ymateb i unrhyw ohebiaeth yn Gymraeg ac ni fydd hyn yn arwain at unrhyw oedi.

Ewch i weld - mi fedrwch chi dalu, rhoi gwybod, gwneud cais, dweud eich dweud, a dod o hyd i wybodaeth ar-lein yn www.wreccsam.gov.uk. Arbedwch bapur - meddyliwch cyn argraffu!

Mae'r neges e-bost hon ac unrhyw atodiadau wedi eu bwriadu ar gyfer yr unigolyn neu'r sefydliad y'i cyfeirir atynt yn unig. Am yr amodau llawn ynglŷn ? chynnwys a defnyddio'r neges e-bost hon, ac unrhyw atodiadau, cyfeiriwch at www.wreccsam.gov.uk/top_navigation/disclaimersw.htm

We welcome correspondence in Welsh. We will respond to any correspondence in Welsh and this will not lead to any delay.

Take a look - you can pay, report, request, have your say and find information online at www.wrexham.gov.uk. Save paper - think before you print!

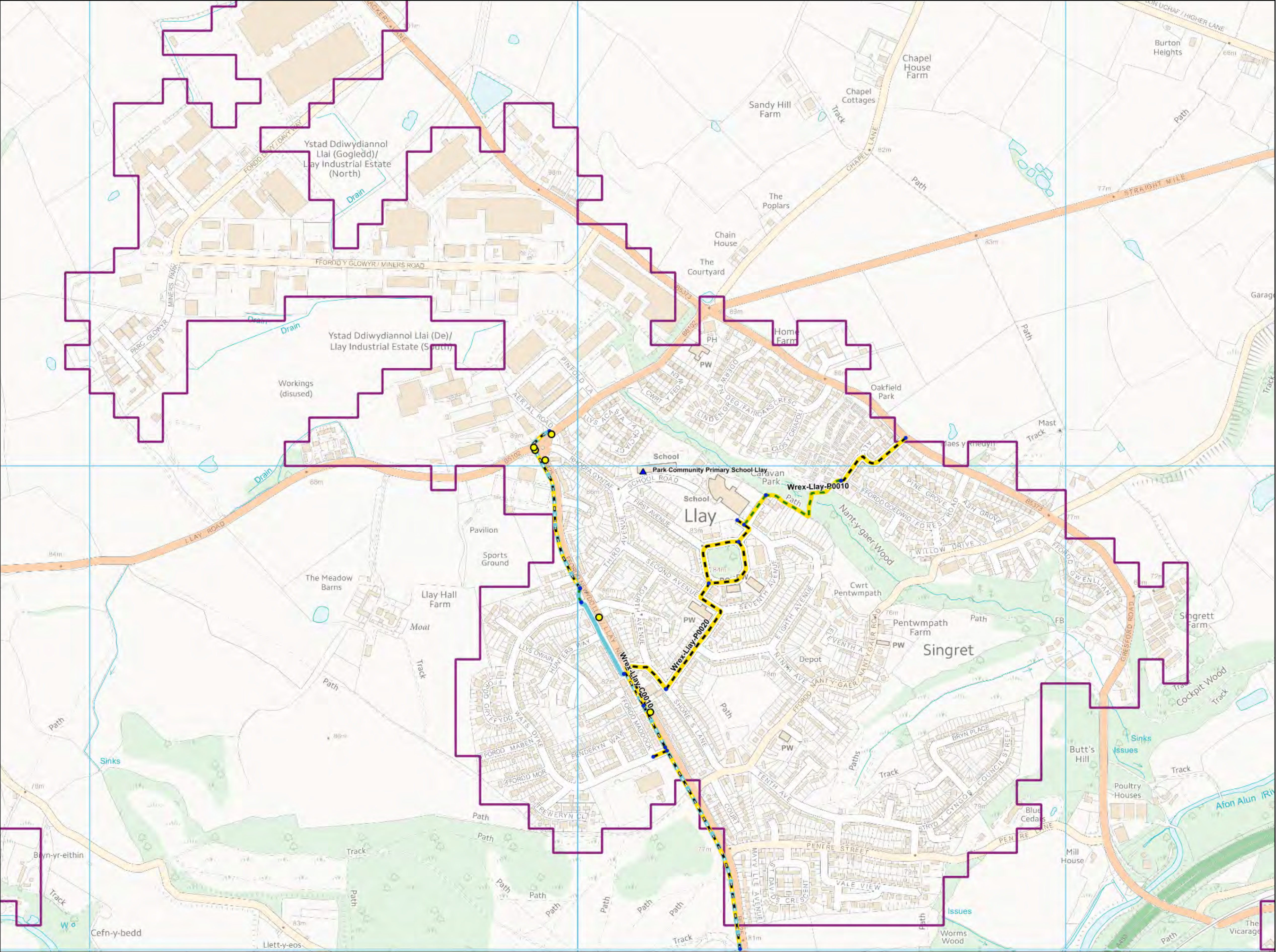
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APPENDIX B

ACTIVE TRAVEL ROUTES

IN LLAY



Legend / Eglurhad

Active Travel Route / Lliwybr Teithio Llesol

- Undefined path design / Dyluniad lliwybr heb ei ddiffinio
- Footpath (away from road) / Lliwybr troed (i ffwrdd o'r ffordd)
- Footway (alongside road) / Troedfordd (ochr yn ochr â ffordd)
- Cycle track (away from road) / Trac beicio (i ffwrdd o'r ffordd)
- Cycle track (alongside road) / Trac beicio (ochr yn ochr â ffordd)
- Shared use foot/cycle path (away from road) / Lliwybr cerdded/beicio a rennir (i ffwrdd o'r ffordd)
- Shared use foot/cycle path (alongside road) / Lliwybr cerdded/beicio a rennir (ochr yn ochr â ffordd)
- Segregated foot/cycle path (away from road) / Lliwybr cerdded/beicio wedi'i wahanu (i ffwrdd o'r ffordd)
- Segregated foot/cycle path (alongside road) / Lliwybr cerdded/beicio wedi'i wahanu (ochr yn ochr â ffordd)
- Cycle route (on road, not segregated) / Lôn feicio (ar y ffordd, heb ei gwahanu)
- Cycle lane (on road, segregated) / Lôn feicio (ar y ffordd, wedi'i gwahanu)
- Pedestrian zone / Ardaloedd cerdded
- Pedestrian and cycle zone / Ardaloedd cerdded beicio
- Road without footway / Ffordd heb droedfordd

Landmarks / Tîrnodau

- Bus Station / Gwasel Fysus
- Hospital / Ysbyty
- Railway Station / Gwasel Reilffordd
- Schools / Ysgolion
- Labels / Labeli
- Built-up Areas / Ardaloedd Adeiledig
- Admin Areas / Ardaloedd Gwelyddol

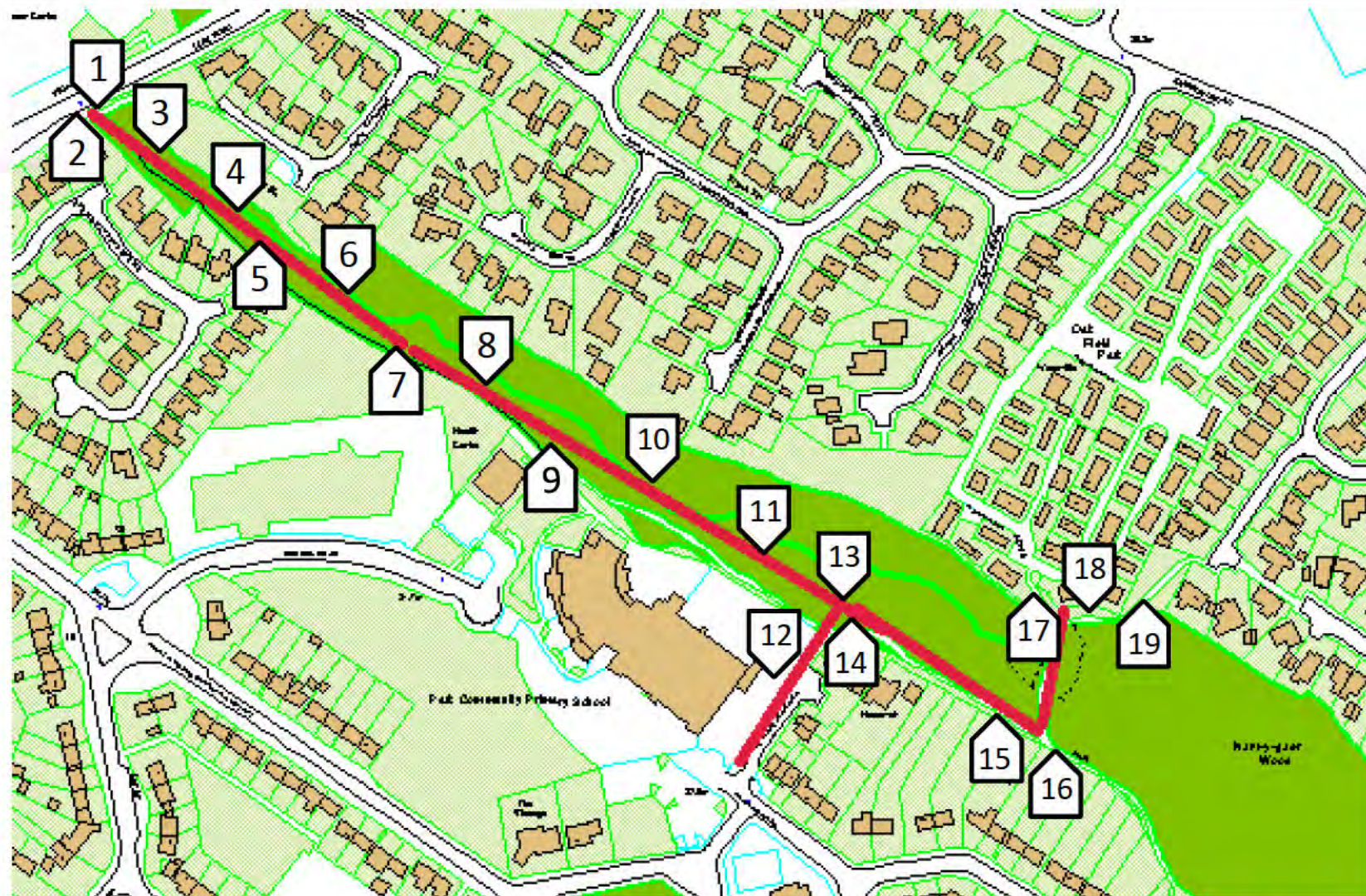




APPENDIX C

ACTIVE TRAVEL ROUTE

PHOTO AUDIT



Appendix C

Active Travel Route – Photo Audit

Photo Location Overview



Location
One



Location
Two



Appendix C

Active Travel Route – Photo Audit

Photo Locations One and Two



Location
Three



Location
Four



Appendix C

Active Travel Route – Photo Audit

Photo Locations Three and Four



Location
Five



Location
Six



Appendix C

Active Travel Route – Photo Audit

Photo Locations Five and Six



Location
Seven



Location
Eight

Appendix C

Active Travel Route – Photo Audit

Photo Locations Seven and Eight



Location
Nine



Location
Ten



Appendix C

Active Travel Route – Photo Audit

Photo Locations Nine and Ten



Location
Eleven



Location
Twelve



Appendix C

Active Travel Route – Photo Audit

Photo Locations Eleven and Twelve



Location
Thirteen



Location
Fourteen



Appendix C

Active Travel Route – Photo Audit

Photo Locations One and Two



Location
Fifteen



Location
Sixteen



Appendix C

Active Travel Route – Photo Audit

Photo Locations Fifteen and Sixteen



Location
Seventeen



Location
Eighteen



Appendix C

Active Travel Route – Photo Audit

Photo Locations Seventeen and Eighteen



Location
Nineteen



Appendix C

Active Travel Route – Photo Audit

Photo Location Nineteen



APPENDIX F

TRAFFIC COUNT DATA



Llay - Manual Traffic Survey, Friday 8th March 2019

Junction: B5373 / Chapel Lane / B51102

Approach: B5373 (North)

TIME	First Left to Chapel Lane								Second Left to B51102 (East)								Ahead to B5373 (South)								Right to B51102 (West)							
	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0730 - 0745	0	0	0	0	0	0	0	0	0	0	16	3	0	2	0	21	0	0	32	5	0	0	0	37	0	0	31	5	0	0	0	36
0745 - 0800	0	0	1	0	0	0	0	1	0	0	27	5	1	2	0	35	0	0	28	4	0	0	0	32	0	0	43	13	1	1	1	59
Hourly Total	0	0	1	0	0	0	0	1	0	0	43	8	1	4	0	56	0	0	60	9	0	0	0	69	0	0	74	18	1	1	1	95
0800 - 0815	0	0	0	0	0	0	0	0	0	0	19	6	0	1	0	26	0	0	31	4	1	2	0	38	0	0	38	4	1	5	1	49
0815 - 0830	0	0	0	0	0	0	0	0	0	0	37	7	0	7	0	51	0	1	27	5	0	1	0	34	0	0	51	13	2	2	1	69
0830 - 0845	0	0	0	0	0	0	0	0	0	0	19	2	1	3	0	25	0	0	25	3	0	0	0	28	0	0	48	11	1	0	2	62
0845 - 0900	0	0	0	0	0	0	0	0	0	1	13	10	2	7	0	33	0	0	24	0	0	1	0	25	0	0	54	9	2	1	0	66
Hourly Total	0	0	0	0	0	0	0	0	0	1	88	25	3	18	0	135	0	1	107	12	1	4	0	125	0	0	191	37	6	8	4	246
0900 - 0915	0	0	0	0	0	0	0	0	0	0	9	9	2	0	0	20	0	0	11	1	0	0	0	12	0	0	29	15	2	1	0	47
0915 - 0930	0	0	0	0	0	0	0	0	0	0	20	4	0	1	0	25	0	0	12	4	0	3	0	19	0	0	25	14	1	1	0	41
0930 - 0945	0	0	0	0	0	0	0	0	1	2	9	5	4	3	0	24	0	0	3	2	0	1	0	6	0	1	21	9	3	2	0	36
0945 - 1000	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	5	0	0	3	3	0	0	0	6	0	0	6	6	0	0	0	12
Hourly Total	0	0	0	0	0	0	0	0	1	2	39	19	7	6	0	74	0	0	29	10	0	4	0	43	0	1	81	44	6	4	0	136
Session Total	0	0	1	0	0	0	0	1	1	3	170	52	11	28	0	265	0	1	196	31	1	8	0	237	0	1	346	99	13	13	5	477
1600 - 1615	1	0	1	0	0	0	0	2	0	0	19	6	0	2	0	27	0	0	23	7	0	1	0	31	0	0	50	10	0	1	0	61
1615 - 1630	0	0	1	0	0	0	0	1	0	0	28	2	0	2	0	32	0	0	17	5	0	5	0	27	0	0	40	8	0	0	0	48
1630 - 1645	0	0	0	0	0	0	0	0	0	0	37	2	0	1	0	40	0	0	27	4	0	1	0	32	0	0	50	7	0	0	0	57
1645 - 1700	0	0	0	0	0	0	0	0	0	0	23	1	1	0	0	25	0	0	19	5	0	0	0	24	0	1	53	10	0	0	1	65
Hourly Total	1	0	2	0	0	0	0	3	0	0	107	11	1	5	0	124	0	0	86	21	0	7	0	114	0	1	193	35	0	1	1	231
1700 - 1715	0	0	0	0	0	0	0	0	0	1	41	4	0	1	0	47	0	0	22	1	0	0	0	23	0	0	59	5	0	0	0	64
1715 - 1730	0	0	2	0	0	0	0	2	0	0	29	3	0	2	0	34	0	0	26	3	0	0	0	29	0	0	55	3	0	0	0	58
1730 - 1745	0	0	2	0	0	0	0	2	0	0	31	4	0	2	0	37	0	0	19	2	0	0	0	21	0	0	50	7	1	0	0	58
1745 - 1800	0	0	0	0	0	0	0	0	0	0	20	2	1	2	0	25	0	0	15	1	0	0	0	16	0	0	35	8	0	0	0	43
Hourly Total	0	0	4	0	0	0	0	4	0	1	121	13	1	7	0	143	0	0	82	7	0	0	0	89	0	0	199	23	1	0	0	223
1800 - 1815	0	0	0	0	0	0	0	0	0	0	26	3	0	0	0	29	0	0	18	0	0	0	0	18	1	2	65	5	0	0	0	73
1815 - 1830	0	0	0	0	0	0	0	0	0	0	10	0	0	4	0	14	0	0	11	1	0	0	0	12	0	0	32	5	0	0	0	37
Hourly Total	0	0	0	0	0	0	0	0	0	0	36	3	0	4	0	43	0	0	29	1	0	0	0	30	1	2	97	10	0	0	0	110
Session Total	1	0	6	0	0	0	0	7	0	1	264	27	2	16	0	310	0	0	197	29	0	7	0	233	1	3	489	68	1	1	1	564



Llay - Manual Traffic Survey, Friday 8th March 2019

Junction: B5373 / Chapel Lane / B51102

Approach: Chapel Lane

TIME	First Left to B51102 (East)								Second Left to B5373 (South)								Right to B51102 (West)								Last Right to B5373 (North)							
	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0730 - 0745	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
0745 - 0800	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	17	1	0	0	0	18
Hourly Total	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	17	1	0	0	0	18
0800 - 0815	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	9
0815 - 0830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	4	1	0	0	0	5
0830 - 0845	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	4	0	0	0	0	4
0845 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	4	0	0	0	0	4	0	0	16	2	0	0	0	18
0900 - 0915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1
0915 - 0930	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
0930 - 0945	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	0	0	0
0945 - 1000	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	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	2	0	0	0	0	2	0	0	1	0	0	0	0	1
Session Total	0	0	2	0	0	0	0	2	0	0	2	1	1	0	0	4	0	0	9	0	0	0	0	9	0	0	34	3	0	0	0	37
1600 - 1615	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0
1615 - 1630	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
1630 - 1645	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1
1645 - 1700	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	1
Hourly Total	0	0	1	0	0	0	0	1	0	0	5	0	0	0	0	5	0	0	7	0	0	0	0	7	0	0	1	1	0	0	0	2
1700 - 1715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	1
1715 - 1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	0	0	0	0	2
1730 - 1745	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
1745 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	0	0	2	1	0	0	0	3
1800 - 1815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
1815 - 1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0
Session Total	0	0	1	0	0	0	0	1	0	0	5	0	0	0	0	5	0	0	12	1	0	0	0	13	0	0	3	2	0	0	0	5



Llay - Manual Traffic Survey, Friday 8th March 2019

Junction: B5373 / Chapel Lane / B51102

Approach: B51102 (East)

TIME	Left to B5373 (South)								Ahead to B51102 (West)								Right to B5373 (North)								Last Right to Chapel Lane							
	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0730 - 0745	0	0	0	0	0	0	0	0	1	0	5	2	1	0	0	9	0	0	22	4	2	3	0	31	0	0	0	0	0	0	0	0
0745 - 0800	0	0	1	1	0	0	0	2	0	0	13	2	0	0	0	15	0	0	36	4	3	1	0	44	0	0	0	0	0	0	0	0
Hourly Total	0	0	1	1	0	0	0	2	1	0	18	4	1	0	0	24	0	0	58	8	5	4	0	75	0	0	0	0	0	0	0	0
0800 - 0815	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	11	0	0	36	6	2	5	0	49	0	0	0	0	0	0	0	0
0815 - 0830	0	0	0	2	1	0	0	3	0	0	12	3	0	0	2	17	0	0	31	5	0	4	0	40	0	0	0	0	0	0	0	0
0830 - 0845	0	0	0	0	0	0	0	0	0	0	19	2	2	0	0	23	0	0	32	8	4	3	0	47	0	0	0	0	0	0	0	0
0845 - 0900	0	0	2	0	0	0	0	2	1	0	12	2	1	1	0	17	0	0	28	8	2	2	0	40	0	0	1	0	0	0	0	1
Hourly Total	0	0	2	2	1	0	0	5	1	0	51	10	3	1	2	68	0	0	127	27	8	14	0	176	0	0	1	0	0	0	0	1
0900 - 0915	0	0	1	0	0	0	0	1	0	1	13	4	0	0	0	18	0	0	32	7	0	0	1	40	0	0	0	0	0	0	0	0
0915 - 0930	0	0	1	0	0	0	0	1	0	0	12	2	0	0	0	14	0	0	12	7	3	6	0	28	0	0	0	0	0	0	0	0
0930 - 0945	0	0	1	1	0	0	0	2	0	0	10	5	0	0	0	15	0	1	14	7	0	5	0	27	0	0	0	0	0	0	0	0
0945 - 1000	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	4	0	0	3	0	0	3	0	6	0	0	0	0	0	0	0	0
Hourly Total	0	0	3	1	0	0	0	4	0	1	37	11	0	2	0	51	0	1	61	21	3	14	1	101	0	0	0	0	0	0	0	0
Session Total	0	0	6	4	1	0	0	11	2	1	106	25	4	3	2	143	0	1	246	56	16	32	1	352	0	0	1	0	0	0	0	1
1600 - 1615	0	0	5	0	0	0	0	5	0	0	18	9	0	3	0	30	0	1	22	4	4	4	0	35	0	0	1	0	0	0	0	1
1615 - 1630	0	0	7	0	0	0	0	7	0	0	21	2	1	0	1	25	0	0	18	10	1	4	0	33	0	0	0	0	0	0	0	0
1630 - 1645	0	0	5	0	0	0	0	5	0	0	18	2	0	0	0	20	0	0	25	9	0	4	0	38	0	0	0	0	0	0	0	0
1645 - 1700	0	0	7	0	0	0	0	7	0	1	22	4	1	0	0	28	0	0	29	8	2	2	0	41	0	0	0	0	0	0	0	0
Hourly Total	0	0	24	0	0	0	0	24	0	1	79	17	2	3	1	103	0	1	94	31	7	14	0	147	0	0	1	0	0	0	0	1
1700 - 1715	0	0	4	0	0	0	0	4	0	3	29	3	2	1	0	38	0	0	21	9	2	2	0	34	0	0	0	0	0	0	0	0
1715 - 1730	0	0	5	0	0	0	0	5	0	0	29	7	0	1	0	37	0	0	20	4	1	1	0	26	0	0	0	0	0	0	0	0
1730 - 1745	0	0	8	0	0	0	0	8	0	0	19	7	0	1	0	27	0	0	18	6	2	3	0	29	0	0	0	0	0	0	0	0
1745 - 1800	0	0	11	1	0	0	0	12	1	0	16	1	0	0	0	18	0	0	37	3	0	7	0	47	0	0	0	0	0	0	0	0
Hourly Total	0	0	28	1	0	0	0	29	1	3	93	18	2	3	0	120	0	0	96	22	5	13	0	136	0	0	0	0	0	0	0	0
1800 - 1815	0	0	2	0	0	0	0	2	0	0	22	1	0	0	0	23	0	0	19	3	0	1	0	23	0	0	0	0	0	0	0	0
1815 - 1830	0	0	4	1	0	0	0	5	0	0	22	1	0	0	0	23	0	0	23	2	0	1	0	26	0	0	0	0	0	0	0	0
Hourly Total	0	0	6	1	0	0	0	7	0	0	44	2	0	0	0	46	0	0	42	5	0	2	0	49	0	0	0	0	0	0	0	0
Session Total	0	0	58	2	0	0	0	60	1	4	216	37	4	6	1	269	0	1	232	58	12	29	0	332	0	0	1	0	0	0	0	1



Llay - Manual Traffic Survey, Friday 8th March 2019

Junction: B5373 / Chapel Lane / B51102

Approach: B5373 (South)

	Left to B51102 (West)								Ahead to B5373 (North)								Right to Chapel Lane								Last Right to B51102 (East)							
TIME	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	P/CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL
0730 - 0745	4	0	1	0	1	0	0	6	0	1	30	6	0	0	0	37	0	0	0	0	1	0	0	1	0	0	5	0	0	0	0	5
0745 - 0800	0	0	7	1	0	0	0	8	0	0	57	5	0	0	0	62	0	0	1	0	0	0	0	1	0	0	4	0	0	0	0	4
Hourly Total	4	0	8	1	1	0	0	14	0	1	87	11	0	0	0	99	0	0	1	0	1	0	0	2	0	0	9	0	0	0	0	9
0800 - 0815	0	0	9	0	0	0	0	9	0	0	52	1	0	1	0	54	0	0	1	0	0	0	0	1	0	0	2	2	0	0	0	4
0815 - 0830	0	0	14	1	1	0	0	16	0	0	46	4	0	2	1	53	0	0	2	0	0	0	0	2	0	0	1	0	0	0	0	1
0830 - 0845	0	0	18	0	0	0	0	18	0	0	36	2	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0845 - 0900	0	0	8	0	1	0	0	9	0	1	23	3	0	0	0	27	0	0	0	0	0	0	0	0	0	0	7	1	0	0	1	9
Hourly Total	0	0	49	1	2	0	0	52	0	1	157	10	0	3	1	172	0	0	3	0	0	0	0	3	0	0	10	3	0	0	1	14
0900 - 0915	0	0	14	0	0	0	0	14	0	0	19	2	0	1	0	22	0	0	0	0	1	0	0	1	0	0	3	0	0	0	0	3
0915 - 0930	0	0	11	3	0	0	0	14	0	0	13	2	0	1	0	16	0	0	0	1	0	0	0	1	0	0	6	0	0	0	0	6
0930 - 0945	0	0	14	1	0	0	0	15	0	0	10	2	0	1	0	13	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
0945 - 1000	0	0	1	0	0	0	0	1	0	0	4	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Hourly Total	0	0	40	4	0	0	0	44	0	0	46	6	0	4	0	56	0	0	0	1	1	0	0	2	0	0	13	0	0	0	0	13
Session Total	4	0	97	6	3	0	0	110	0	2	290	27	0	7	1	327	0	0	4	1	2	0	0	7	0	0	32	3	0	0	1	36
1600 - 1615	0	0	12	1	0	0	0	13	0	1	23	2	0	1	0	27	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
1615 - 1630	0	0	11	2	0	0	0	13	0	1	33	1	0	4	0	39	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
1630 - 1645	0	0	15	2	0	0	0	17	0	0	30	6	0	1	0	37	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
1645 - 1700	0	0	19	1	0	0	0	20	0	0	35	4	0	2	0	41	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Hourly Total	0	0	57	6	0	0	0	63	0	2	121	13	0	8	0	144	0	0	0	0	0	0	0	0	0	0	12	2	0	0	0	14
1700 - 1715	0	0	22	1	0	0	0	23	0	0	25	1	1	0	0	27	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
1715 - 1730	0	0	7	0	0	0	0	7	0	0	24	1	0	0	0	25	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
1730 - 1745	0	0	15	1	1	0	0	17	0	0	15	2	0	0	0	17	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
1745 - 1800	0	0	10	1	0	0	0	11	0	0	23	2	0	0	0	25	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
Hourly Total	0	0	54	3	1	0	0	58	0	0	87	6	1	0	0	94	0	0	1	0	0	0	0	1	0	0	11	0	0	0	0	11
1800 - 1815	0	0	17	0	0	0	0	17	0	0	14	0	0	0	0	14	0	0	0	1	0	0	0	1	0	0	5	0	0	0	0	5
1815 - 1830	0	0	6	2	0	0	0	8	0	0	15	0	1	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	23	2	0	0	0	25	0	0	29	0	1	0	0	30	0	0	0	1	0	0	0	1	0	0	5	0	0	0	0	5
Session Total	0	0	134	11	1	0	0	146	0	2	237	19	2	8	0	268	0	0	1	1	0	0	0	2	0	0	28	2	0	0	0	30