APPENDIX B
COMPARISON OF CONSTRUCTION TRAFFIC IMPACT

SCENARIO 2
LAST PAGE OF TECHNICAL APPENDICES OF THE CUMULATIVE IMPACT ASSESSMENT

CONSTRUCTION PROGRAMME CHANGES

ALL TRAFFIC (AADT) INCREASE - ALL YEARS		AVG 2015	AVG 2016	AVG 2017	AVG 2018	AVG 2019	AVG 2020	AVG 2021	AVG 2022	MAX	MIN
LINK	LOCATION										
1	A483 - FROM A5 TO A539 SOUTH OF WREXHAM	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
2	A5 - FROM A5 CHIRK TO A495 NORTH OF OSWESTRY	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
3	A5 - BETWEEN A483 & A495, EAST OF OSWESTRY	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
4	A5 - EAST OF A483 TOWARDS SHREWSBURY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	A483 - FROM A495 TO A5	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
6	A483 - FROM A458 TO A495	0.4%	0.9%	0.3%	0.1%	0.4%	0.2%	0.1%	0.1%	1.1%	0.0%
7	A458 - FROM A483 TO SHREWSBURY - EAST OF WELSHPOOL	0.5%	1.0%	0.4%	0.2%	0.4%	0.2%	0.2%	0.1%	1.2%	0.1%
8	A483 - BETWEEN A458/A483 AND WELSHPOOL STATION	0.4%	1.0%	0.4%	0.2%	0.4%	0.2%	0.1%	0.1%	1.3%	0.0%
9	A458 - From A483 To B4392 - WELSHPOOL CENTRE	1.4%	3.6%	1.4%	0.6%	1.6%	0.8%	0.7%	0.5%	4.6%	0.3%
10	A458 - From B4392 To A495	3.3%	2.5%	2.2%	0.2%	1.2%	0.9%	1.0%	0.8%	3.3%	0.0%
11	A495 - FROM A458 TO A483, NORTH OF WELSHPOOL	0.1%	0.2%	0.1%	0.1%	0.5%	0.3%	0.4%	0.3%	0.5%	0.0%
12	A458 - FROM A495 TO B4395	0.4%	0.8%	0.5%	0.3%	1.6%	1.2%	1.2%	1.0%	1.7%	0.0%
13	A458 - FROM B4395 to A470	0.1%	1.4%	0.8%	0.5%	2.8%	2.1%	2.2%	1.8%	3.1%	0.0%
14	A483 - FROM WELSHPOOL TO NEWTOWN A489	0.6%	2.5%	1.0%	0.4%	0.9%	0.3%	0.2%	0.1%	3.3%	0.1%
15	A483 - FROM A489 TO A483 - NEWTOWN CENTRE	0.4%	1.8%	0.7%	0.3%	0.6%	0.2%	0.1%	0.1%	2.4%	0.0%
16	A489 - FROM A483 TO A470	0.5%	2.0%	0.8%	0.2%	0.6%	0.1%	0.0%	0.0%	2.1%	0.0%
17	A470 - BETWEEN A489 AND TALERDDIG	0.2%	5.1%	3.4%	0.3%	2.0%	0.5%	0.0%	0.0%	7.1%	0.0%
18	A470 - BETWEEN TALERDDIG AND CEMMAES	0.6%	3.5%	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	4.3%	0.0%
19	A470 - BETWEEN CEMMAES AND A458	0.1%	0.7%	0.2%	0.0%	0.2%	0.1%	0.1%	0.1%	0.8%	0.0%
21	A470 - FROM A489 TO B4518 LLANIDLOES	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.4%	0.0%
22	A489 - BETWEEN A483 NEWTOWN AND KERRY	0.5%	1.2%	0.3%	0.2%	0.2%	0.1%	0.0%	0.0%	1.3%	0.0%
24	A483 - BETWEEN A483/A489 IN NEWTOWN AND DOLFOR	0.7%	11.4%	3.3%	2.4%	2.5%	0.6%	0.0%	0.0%	17.3%	0.0%
25	A483 - FROM DOLFOR TO B4356	3.6%	18.2%	9.4%	4.9%	5.8%	3.2%	0.0%	0.0%	27.5%	0.0%
26	A483 - FROM B4356 TO A44	0.5%	7.9%	2.2%	1.7%	1.7%	0.4%	0.0%	0.0%	12.3%	0.0%
27	A44 - FROM A483 TO A488 CROSSGATES EAST	0.2%	3.1%	0.9%	0.7%	0.7%	0.1%	0.0%	0.0%	4.9%	0.0%
28	A44 - FROM A483 TO A470 - CROSSGATES WEST	0.2%	3.3%	0.9%	0.7%	0.7%	0.2%	0.0%	0.0%	5.1%	0.0%
29	A483 - FROM A44 TO A4081 - LLANDRINDOD WELLS	0.1%	0.8%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	1.3%	0.0%
30	A483 - FROM A4081 TO A470 - LLANDRINDOD WELLS	0.0%	0.7%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	1.2%	0.0%
31	B4392 - From A458 to A483 N of Welshpool	0.0%	0.4%	0.3%	0.2%	0.9%	0.7%	0.7%	0.6%	1.0%	0.0%
32	A470 - From A458 to Dolgellau	0.2%	0.7%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.9%	0.0%
33	A489 - From A470 to Machynlleth	0.1%	0.4%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.6%	0.0%

HGV TRAFFIC INCREASE - ALL YEARS		AVG 2015	AVG 2016	AVG 2017	AVG 2018	AVG 2019	AVG 2020	AVG 2021	AVG 2022	MAX	MIN
LINK	LOCATION										
1	A483 - FROM A5 TO A539 SOUTH OF WREXHAM	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
2	A5 - FROM A5 CHIRK TO A495 NORTH OF OSWESTRY	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
3	A5 - BETWEEN A483 & A495, EAST OF OSWESTRY	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
4	A5 - EAST OF A483 TOWARDS SHREWSBURY	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
5	A483 - FROM A495 TO A5	0.5%	0.5%	0.2%	0.1%	0.8%	0.4%	0.5%	0.3%	0.9%	0.0%
6	A483 - FROM A458 TO A495	1.9%	3.7%	1.5%	0.5%	1.6%	0.5%	0.6%	0.4%	5.7%	0.1%
7	A458 - FROM A483 TO SHREWSBURY - EAST OF WELSHPOOL	2.6%	5.2%	2.1%	0.7%	2.4%	0.9%	0.9%	0.6%	8.0%	0.3%
8	A483 - BETWEEN A458/A483 AND WELSHPOOL STATION	2.5%	5.6%	2.3%	0.8%	2.1%	0.6%	0.6%	0.4%	9.0%	0.2%
9	A458 - From A483 To B4392 - WELSHPOOL CENTRE	12.8%	27.4%	11.1%	3.9%	13.3%	5.0%	5.4%	3.5%	42.7%	1.7%
10	A458 - From B4392 To A495	29.2%	10.8%	3.5%	1.1%	14.9%	8.3%	9.4%	6.1%	52.8%	0.0%
11	A495 - FROM A458 TO A483, NORTH OF WELSHPOOL	0.8%	2.7%	1.0%	0.3%	4.3%	2.4%	2.7%	1.7%	4.9%	0.0%
12	A458 - FROM A495 TO B4395	4.5%	15.4%	5.7%	1.7%	24.0%	13.4%	15.1%	9.8%	27.5%	0.0%
13	A458 - FROM B4395 to A470	0.9%	23.2%	8.6%	2.6%	36.1%	20.1%	22.6%	14.7%	41.3%	0.0%
14	A483 - FROM WELSHPOOL TO NEWTOWN A489	2.4%	9.8%	4.0%	1.4%	2.9%	0.6%	0.6%	0.4%	15.5%	0.2%
15	A483 - FROM A489 TO A483 - NEWTOWN CENTRE	2.5%	8.8%	3.4%	1.2%	2.5%	0.5%	0.5%	0.3%	13.9%	0.2%
16	A489 - FROM A483 TO A470	3.6%	12.5%	6.3%	1.1%	2.8%	0.2%	0.0%	0.0%	14.7%	0.0%
17	A470 - BETWEEN A489 AND TALERDDIG	0.7%	16.8%	15.6%	0.5%	5.8%	0.5%	0.0%	0.0%	33.3%	0.0%
18	A470 - BETWEEN TALERDDIG AND CEMMAES	2.3%	9.3%	1.5%	0.0%	0.5%	0.0%	0.0%	0.0%	16.4%	0.0%
19	A470 - BETWEEN CEMMAES AND A458	1.0%	4.3%	1.6%	0.1%	1.9%	0.8%	0.9%	0.6%	6.7%	0.0%
21	A470 - FROM A489 TO B4518 LLANIDLOES	0.3%	2.8%	1.2%	0.5%	0.7%	0.0%	0.0%	0.0%	5.3%	0.0%
22	A489 - BETWEEN A483 NEWTOWN AND KERRY	3.3%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	0.0%
24	A483 - BETWEEN A483/A489 IN NEWTOWN AND DOLFOR	2.8%	42.3%	8.3%	9.0%	6.9%	0.0%	0.0%	0.0%	90.4%	0.0%
25	A483 - FROM DOLFOR TO B4356	8.2%	131.4%	24.6%	26.8%	20.5%	0.1%	0.0%	0.0%	269.7%	0.0%
26	A483 - FROM B4356 TO A44	3.6%	55.3%	10.8%	11.7%	9.0%	0.1%	0.0%	0.0%	118.0%	0.0%
27	A44 - FROM A483 TO A488 CROSSGATES EAST	1.4%	21.8%	4.3%	4.7%	3.6%	0.0%	0.0%	0.0%	46.9%	0.0%
28	A44 - FROM A483 TO A470 - CROSSGATES WEST	1.4%	22.3%	4.3%	4.7%	3.6%	0.0%	0.0%	0.0%	47.2%	0.0%
29	A483 - FROM A44 TO A4081 - LLANDRINDOD WELLS	0.5%	8.2%	1.6%	1.7%	1.3%	0.0%	0.0%	0.0%	17.2%	0.0%
30	A483 - FROM A4081 TO A470 - LLANDRINDOD WELLS	0.6%	8.8%	1.8%	1.9%	1.5%	0.0%	0.0%	0.0%	19.3%	0.0%
31	B4392 - From A458 to A483 N of Welshpool	0.0%	3.2%	1.2%	0.4%	5.0%	2.8%	3.1%	2.0%	5.7%	0.0%
32	A470 - From A458 to Dolgellau	1.8%	6.1%	2.3%	0.1%	0.8%	0.1%	0.0%	0.0%	10.7%	0.0%
33	A489 - From A470 to Machynlleth	0.9%	3.1%	1.2%	0.0%	0.4%	0.0%	0.0%	0.0%	5.4%	0.0%

KEY

3.0%	<10% increase
11.3%	10%-30% increase
50.0%	>30% increase

ALL TRAFFIC (AADT) INCREASE - ALL YEARS		AVG 2015	AVG 2016	AVG 2017	AVG 2018	AVG 2019	AVG 2020	AVG 2021	AVG 2022	MAX	MIN
LINK	LOCATION										
1	A483 - FROM A5 TO A539 SOUTH OF WREXHAM	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
2	A5 - FROM A5 CHIRK TO A495 NORTH OF OSWESTRY	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
3	A5 - BETWEEN A483 & A495, EAST OF OSWESTRY	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
4	A5 - EAST OF A483 TOWARDS SHREWSBURY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	A483 - FROM A495 TO A5	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
6	A483 - FROM A458 TO A495	0.4%	0.7%	0.2%	0.2%	0.5%	0.2%	0.1%	0.1%	0.9%	0.0%
7	A458 - FROM A483 TO SHREWSBURY - EAST OF WELSHPOOL	0.5%	0.8%	0.2%	0.3%	0.6%	0.2%	0.2%	0.1%	1.0%	0.1%
8	A483 - BETWEEN A458/A483 AND WELSHPOOL STATION	0.4%	0.8%	0.2%	0.3%	0.5%	0.2%	0.1%	0.1%	1.1%	0.0%
9	A458 - From A483 To B4392 - WELSHPOOL CENTRE	1.4%	3.0%	0.9%	0.9%	2.2%	0.9%	0.7%	0.5%	3.8%	0.3%
10	A458 - From B4392 To A495	3.3%	2.5%	2.2%	0.2%	1.2%	0.9%	1.0%	0.8%	3.3%	0.0%
11	A495 - FROM A458 TO A483, NORTH OF WELSHPOOL	0.1%	0.2%	0.1%	0.1%	0.5%	0.3%	0.4%	0.3%	0.5%	0.0%
12	A458 - FROM A495 TO B4395	0.4%	0.8%	0.5%	0.3%	1.6%	1.2%	1.2%	1.0%	1.7%	0.0%
13	A458 - FROM B4395 to A470	0.1%	1.4%	0.8%	0.5%	2.8%	2.1%	2.2%	1.8%	3.1%	0.0%
14	A483 - FROM WELSHPOOL TO NEWTOWN A489	0.6%	2.0%	0.5%	0.8%	1.4%	0.3%	0.2%	0.1%	2.6%	0.1%
15	A483 - FROM A489 TO A483 - NEWTOWN CENTRE	0.4%	1.5%	0.4%	0.5%	0.9%	0.2%	0.1%	0.1%	1.9%	0.0%
16	A489 - FROM A483 TO A470	0.5%	1.5%	0.3%	0.6%	1.2%	0.2%	0.0%	0.0%	1.7%	0.0%
17	A470 - BETWEEN A489 AND TALERDDIG	0.2%	3.3%	0.9%	1.8%	4.4%	0.7%	0.0%	0.0%	6.1%	0.0%
18	A470 - BETWEEN TALERDDIG AND CEMMAES	0.6%	3.3%	0.1%	0.2%	0.4%	0.1%	0.0%	0.0%	4.2%	0.0%
19	A470 - BETWEEN CEMMAES AND A458	0.1%	0.6%	0.1%	0.1%	0.3%	0.1%	0.1%	0.1%	0.7%	0.0%
21	A470 - FROM A489 TO B4518 LLANIDLOES	0.0%	0.2%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%
22	A489 - BETWEEN A483 NEWTOWN AND KERRY	0.5%	1.1%	0.3%	0.2%	0.2%	0.1%	0.0%	0.0%	1.1%	0.0%
24	A483 - BETWEEN A483/A489 IN NEWTOWN AND DOLFOR	0.7%	9.7%	3.0%	2.9%	3.1%	0.6%	0.0%	0.0%	13.7%	0.0%
25	A483 - FROM DOLFOR TO B4356	3.6%	15.6%	8.8%	6.3%	7.2%	3.2%	0.0%	0.0%	21.6%	0.0%
26	A483 - FROM B4356 TO A44	0.5%	6.7%	2.0%	2.0%	2.1%	0.4%	0.0%	0.0%	9.7%	0.0%
27	A44 - FROM A483 TO A488 CROSSGATES EAST	0.2%	2.7%	0.8%	0.8%	0.8%	0.1%	0.0%	0.0%	3.9%	0.0%
28	A44 - FROM A483 TO A470 - CROSSGATES WEST	0.2%	2.8%	0.8%	0.8%	0.9%	0.2%	0.0%	0.0%	4.0%	0.0%
29	A483 - FROM A44 TO A4081 - LLANDRINDOD WELLS	0.1%	0.7%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	1.0%	0.0%
30	A483 - FROM A4081 TO A470 - LLANDRINDOD WELLS	0.0%	0.6%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.9%	0.0%
31	B4392 - From A458 to A483 N of Welshpool	0.0%	0.4%	0.3%	0.2%	0.9%	0.7%	0.7%	0.6%	1.0%	0.0%
32	A470 - From A458 to Dolgellau	0.2%	0.6%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.8%	0.0%
33	A489 - From A470 to Machynlleth	0.1%	0.4%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.5%	0.0%

HGV TRAFFIC INCREASE - ALL YEARS		AVG 2015	AVG 2016	AVG 2017	AVG 2018	AVG 2019	AVG 2020	AVG 2021	AVG 2022	MAX	MIN
LINK	LOCATION										
1	A483 - FROM A5 TO A539 SOUTH OF WREXHAM	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
2	A5 - FROM A5 CHIRK TO A495 NORTH OF OSWESTRY	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
3	A5 - BETWEEN A483 & A495, EAST OF OSWESTRY	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
4	A5 - EAST OF A483 TOWARDS SHREWSBURY	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
5	A483 - FROM A495 TO A5	0.5%	0.5%	0.2%	0.1%	0.8%	0.4%	0.5%	0.3%	0.9%	0.0%
6	A483 - FROM A458 TO A495	1.9%	2.7%	0.6%	1.1%	2.6%	0.6%	0.6%	0.4%	4.4%	0.1%
7	A458 - FROM A483 TO SHREWSBURY - EAST OF WELSHPOOL	2.6%	3.9%	0.9%	1.5%	3.7%	0.9%	0.9%	0.6%	6.2%	0.3%
8	A483 - BETWEEN A458/A483 AND WELSHPOOL STATION	2.5%	4.1%	0.9%	1.8%	3.7%	0.7%	0.6%	0.4%	6.8%	0.2%
9	A458 - From A483 To B4392 - WELSHPOOL CENTRE	12.8%	20.7%	4.8%	8.0%	20.4%	5.2%	5.4%	3.5%	33.3%	1.7%
10	A458 - From B4392 To A495	29.2%	10.8%	3.5%	1.1%	14.9%	8.3%	9.4%	6.1%	52.8%	0.0%
11	A495 - FROM A458 TO A483, NORTH OF WELSHPOOL	0.8%	2.7%	1.0%	0.3%	4.3%	2.4%	2.7%	1.7%	4.9%	0.0%
12	A458 - FROM A495 TO B4395	4.5%	15.4%	5.7%	1.7%	24.0%	13.4%	15.1%	9.8%	27.5%	0.0%
13	A458 - FROM B4395 to A470	0.9%	23.2%	8.6%	2.6%	36.1%	20.1%	22.6%	14.7%	41.3%	0.0%
14	A483 - FROM WELSHPOOL TO NEWTOWN A489	2.4%	7.0%	1.4%	3.2%	5.9%	0.7%	0.6%	0.4%	11.5%	0.2%
15	A483 - FROM A489 TO A483 - NEWTOWN CENTRE	2.5%	6.4%	1.2%	2.7%	5.0%	0.6%	0.5%	0.3%	10.5%	0.2%
16	A489 - FROM A483 TO A470	3.6%	8.2%	0.8%	4.4%	8.4%	0.4%	0.0%	0.0%	12.0%	0.0%
17	A470 - BETWEEN A489 AND TALERDDIG	0.7%	6.9%	0.1%	9.7%	20.9%	1.0%	0.0%	0.0%	31.7%	0.0%
18	A470 - BETWEEN TALERDDIG AND CEMMAES	2.3%	8.4%	0.0%	0.9%	2.0%	0.1%	0.0%	0.0%	16.0%	0.0%
19	A470 - BETWEEN CEMMAES AND A458	1.0%	3.5%	0.4%	0.9%	3.1%	0.9%	0.9%	0.6%	5.6%	0.0%
21	A470 - FROM A489 TO B4518 LLANIDLOES	0.3%	1.9%	0.5%	1.0%	1.5%	0.0%	0.0%	0.0%	3.8%	0.0%
22	A489 - BETWEEN A483 NEWTOWN AND KERRY	3.3%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	0.0%
24	A483 - BETWEEN A483/A489 IN NEWTOWN AND DOLFOR	2.8%	34.3%	8.0%	10.0%	10.0%	0.0%	0.0%	0.0%	66.1%	0.0%
25	A483 - FROM DOLFOR TO B4356	8.2%	107.4%	23.9%	29.9%	29.6%	0.1%	0.0%	0.0%	197.2%	0.0%
26	A483 - FROM B4356 TO A44	3.6%	44.9%	10.5%	13.1%	12.9%	0.1%	0.0%	0.0%	86.3%	0.0%
27	A44 - FROM A483 TO A488 CROSSGATES EAST	1.4%	17.7%	4.2%	5.2%	5.1%	0.0%	0.0%	0.0%	34.3%	0.0%
28	A44 - FROM A483 TO A470 - CROSSGATES WEST	1.4%	18.1%	4.2%	5.2%	5.2%	0.0%	0.0%	0.0%	34.5%	0.0%
29	A483 - FROM A44 TO A4081 - LLANDRINDOD WELLS	0.5%	6.6%	1.5%	1.9%	1.9%	0.0%	0.0%	0.0%	12.6%	0.0%
30	A483 - FROM A4081 TO A470 - LLANDRINDOD WELLS	0.6%	7.1%	1.7%	2.1%	2.1%	0.0%	0.0%	0.0%	14.1%	0.0%
31	B4392 - From A458 to A483 N of Welshpool	0.0%	3.2%	1.2%	0.4%	5.0%	2.8%	3.1%	2.0%	5.7%	0.0%
32	A470 - From A458 to Dolgellau	1.8%	4.7%	0.1%	1.4%	3.0%	0.1%	0.0%	0.0%	8.6%	0.0%
33	A489 - From A470 to Machynlleth	0.9%	2.4%	0.0%	0.7%	1.5%	0.1%	0.0%	0.0%	4.4%	0.0%

KEY

3.0%	<10% increase
11.3%	10%-30% increase
50.0%	>30% increase