

APPENDIX 10.4
ROAD TRAFFIC NOISE ASSESSMENT

Appendix 10.4. Road Traffic Noise Assessment

Operational Development Traffic Noise Assessment 2037 Scenario

Scenario 2		Assessment of L _{A10} 18-hour Basic Noise Levels at 10m from Road									
Road		2037 Without Development			2037 With Development			% Flow Change	2037 Without	2037 With	Change
		% HGV	Speed kph	Flow	% HGV	Speed kph	Flow				
1	B5254 (Northbound)	1	65	12440	1	65	12754	2.5	68.3	68.4	0.1
2	B5254 (Southbound)	1	65	13980	1	65	14609	4.5	68.7	68.9	0.2
3	A582 Lostock Ln (Eastbound)	3	70	37064	3	70	38888	4.9	74.2	74.4	0.2
4	A582 Lostock Ln (Westbound)	4	66	35970	4	66	36589	1.7	73.8	73.9	0.1
5	Stanifield Ln (Northbound)	2	65	11606	2	65	12296	5.9	68.4	68.7	0.3
6	Stanifield Ln (Southbound)	3	62	9667	3	62	9911	2.5	67.4	67.5	0.1
7	Farington Road (Eastbound)	5	70	25606	5	70	25865	1.0	72.9	73.0	0.0
8	Farington Road (Westbound)	5	66	23218	5	66	23922	3.0	72.3	72.4	0.1
9	A6 London Way (Northbound)	1	80	25108	1	80	25650	2.2	74.0	74.1	0.1
13	M65 Access (Northbound)	1	90	21014	1	90	22496	7.1	74.2	74.5	0.3
14	M65 Access (Southbound)	2	77	20108	2	77	20534	2.1	73.0	73.0	0.1
15	A582 Lostock Ln (Eastbound)	3	77	14715	3	77	15667	6.5	71.6	71.9	0.3
16	A582 Lostock Ln (Westbound)	4	77	37909	4	77	39253	3.5	76.0	76.1	0.2
17	Cuerden Way (Northbound)	3	77	31064	3	77	35078	12.9	75.0	75.6	0.5
18	Cuerden Way (Southbound)	3	70	37857	3	70	39680	4.8	74.2	74.4	0.2
19	J3/J4 A6 Lostock Ln (Eastbound)	4	66	35179	4	66	35798	1.8	73.7	73.8	0.1
20	J3/J4 A6 Lostock Ln (Westbound)	2	65	9466	2	65	9466	0.0	67.5	67.5	0.0
21	Three Rings Retail Park (Northbound)	3	65	6050	3	65	6050	0.0	65.6	65.6	0.0

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22	Three Rings Retail Park (Southbound)	3	77	15278	3	77	15704	2.8	71.9	72.0	0.1
23	J2/J3 A6 Lostock Ln (Eastbound)	3	77	14161	3	77	15113	6.7	71.5	71.8	0.3
24	J2/J3 A6 Lostock Ln (Westbound)	0	50	2174	0	50	2174	0.0	58.3	58.3	0.0
25	B6258 (Northbound)	1	50	4008	1	50	4008	0.0	61.6	61.6	0.0
26	B6258 (Southbound)	2	77	20108	2	77	20534	2.1	73.0	73.0	0.1
27	J4/J5 A6 Lostock Ln (Eastbound)	3	77	14715	3	77	15667	6.5	71.7	71.9	0.3
28	J4/J5 A6 Lostock Ln (Westbound)	2	66	8905	2	66	9000	1.1	67.3	67.4	0.0
29	J4/9 A49 Wigan Rd (Northbound)	2	66	9330	2	66	9572	2.6	67.4	67.5	0.1
30	J4/9 A49 Wigan Rd (Southbound)	4	77	18616	4	77	19190	3.1	72.9	73.1	0.1
31	J3/J4 A6 Lostock Ln (Eastbound)	4	77	14955	4	77	16420	9.8	72.0	72.4	0.4
32	J3/J4 A6 Lostock Ln (Westbound)	3	66	6054	3	66	6297	4.0	65.9	66.1	0.2
33	M6 North (Northbound)	2	66	6305	2	66	7059	12.0	65.7	66.2	0.5
34	M6 North (Southbound)	3	77	20108	3	77	20534	2.1	73.1	73.2	0.1
35	Church Rd (Eastbound)	3	77	14715	3	77	15667	6.5	71.8	72.1	0.3
36	Church Rd (Westbound)	6	66	10852	6	66	11598	6.9	69.0	69.3	0.3
37	M6 J8/5 (Northbound)	7	66	543	7	66	2152	296.0	56.3	62.3	6.0
38	M6 J8/5 (Southbound)	6	77	4296	6	77	4296	0.0	67.1	67.1	0.0
39	J4/J5 A6 Lostock Ln (Eastbound)	5	77	6789	5	77	7659	12.8	68.9	69.4	0.5
40	J4/J5 A6 Lostock Ln (Westbound)	8	66	5227	8	66	6835	30.8	66.4	67.6	1.2
41	A5083 Stanified Ln (Northbound)	8	66	3564	8	66	4124	15.7	64.7	65.3	0.6

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		% HGV	Speed kph	Flow	% HGV	Speed kph	Flow				
42	A5083 Stanified Ln (Southbound)	4	77	18616	4	77	19190	3.1	72.9	73.1	0.1
43	B5083 Lydiate Ln (Eastbound)	4	77	14955	4	77	16420	9.8	72.0	72.4	0.4

