

Annex 16.6

Road Traffic Noise

Detailed Results

(ERM)

Table F.1 Existing Road Traffic Noise Levels

Road Name	Location	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	00:00
M180	West of M180 J5	70	68	68	69	72	77	80	83	82	81	80	80	81	81	81	81	82	83	81	78	76	75	74	72
A180	East of M180 J5	69	68	67	68	72	76	80	82	82	80	80	80	80	80	80	81	82	82	80	78	76	74	73	71
A15	North of M180 J5	67	65	65	66	70	74	77	80	80	78	78	78	78	78	78	79	80	80	78	75	73	72	71	69
A18	South of M180 J5	65	63	63	64	67	72	75	78	77	76	75	75	76	76	76	76	77	78	76	73	71	70	69	67
A160	South of K	65	63	63	64	68	72	75	78	78	76	76	76	76	76	76	77	78	78	76	73	71	70	69	67
A1077 Ulceby Rd	West of K	57	56	55	56	60	64	67	70	70	68	68	68	68	68	68	69	70	70	68	66	64	62	61	59
A160	Between K and D	65	64	63	64	68	72	75	78	78	76	76	76	76	76	76	77	78	78	76	74	72	70	69	67
A160	Between D and L	64	63	62	63	67	71	75	77	77	75	75	75	75	75	76	76	77	77	75	73	71	70	68	66
A160	Between L and E	63	61	61	62	65	70	73	76	76	74	74	74	74	74	74	74	76	76	74	71	69	68	67	65
Humber Rd	Between E and C	63	61	61	62	65	70	73	76	76	74	73	74	74	74	74	74	76	76	74	71	69	68	67	65
Rosper Rd	North of C	60	58	58	59	62	67	70	73	72	71	70	71	71	71	71	71	73	73	71	68	66	65	64	62
Access Road	East of Rosper Rd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Humber Rd	East of C	62	60	60	61	64	68	72	74	74	72	72	72	72	73	73	73	74	74	73	70	68	67	66	64
A1173	South of E	64	63	62	63	67	71	75	77	77	75	75	75	75	75	76	76	77	77	75	73	71	70	69	66
A1173	North of A	60	58	58	59	62	66	70	72	72	71	70	70	70	71	71	71	72	72	71	68	66	65	64	62
Manby Rd	South of A	52	50	50	51	54	59	62	65	64	63	62	62	63	63	63	63	64	65	63	60	58	57	56	54
A1173	East of A	59	58	58	58	62	66	70	72	72	70	70	70	70	70	71	71	72	72	70	68	66	65	64	61
A1173	North of G	58	56	56	57	60	64	68	70	70	69	68	68	68	69	69	69	70	70	69	66	64	63	62	60
A1173	Between G and H	63	61	61	62	65	70	73	76	75	74	73	74	74	74	74	74	76	76	74	71	69	68	67	65
North Moss Lane	East of H	59	58	58	58	62	66	70	72	72	70	70	70	70	70	71	71	72	72	70	68	66	65	64	61
A1173	Between H and I	65	63	63	64	68	72	75	78	78	76	76	76	76	76	76	77	78	78	76	73	71	70	69	67
A180	Between I and J	68	67	67	67	71	75	79	81	81	79	79	79	79	79	80	80	81	81	79	77	75	74	73	70

Table F.2 Operational Road Traffic Noise Levels Base + MEP compared to Base

Road Name	Location	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	00:00	
M180	West of M180 J5	0.0	0.0	0.0	0.0	2.7	1.2	0.0	0.2	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.2	0.0	0.0	0.0	1.3	1.7	0.0	0.0	
A180	East of M180 J5	0.0	0.0	0.0	0.0	3.6	1.6	0.0	0.3	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	0.3	0.0	0.0	0.0	1.8	2.4	0.0	0.0	
A15	North of M180 J5	0.0	0.0	0.0	0.0	1.8	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.8	1.1	0.0	0.0	
A18	South of M180 J5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
A160	South of K	0.0	0.0	0.0	0.0	5.3	2.7	0.0	0.6	0.0	0.0	0.0	0.0	1.4	1.3	0.0	0.0	0.6	0.0	0.0	0.0	2.9	3.7	0.0	0.0	
A1077 Ulceby Rd	West of K	0.0	0.0	0.0	0.0	6.8	3.7	0.0	0.9	0.0	0.0	0.0	0.0	2.0	1.9	0.0	0.0	0.9	0.0	0.0	0.0	4.0	5.0	0.0	0.0	
A160	Between K and D	0.0	0.0	0.0	0.0	6.0	3.1	0.0	0.7	0.0	0.0	0.0	0.0	1.6	1.5	0.0	0.0	0.7	0.0	0.0	0.0	3.4	4.2	0.0	0.0	
A160	Between D and L	0.0	0.0	0.0	0.0	6.6	3.6	0.0	0.8	0.0	0.0	0.0	0.0	1.9	1.8	0.0	0.0	0.8	0.0	0.0	0.0	3.9	4.8	0.0	0.0	
A160	Between L and E	0.0	0.0	0.0	0.0	7.8	4.4	0.0	1.1	0.0	0.0	0.0	0.0	2.5	2.4	0.0	0.0	1.1	0.0	0.0	0.0	4.7	5.8	0.0	0.0	
Humber Rd	Between E and C	0.0	0.0	0.0	0.0	10.2	6.4	0.0	1.9	0.0	0.0	0.0	0.0	3.9	3.7	0.0	0.0	1.8	0.0	0.0	0.0	6.7	8.0	0.0	0.0	
Rosper Rd	North of C	0.0	0.0	0.0	0.0	13.0	8.9	0.0	3.3	0.0	0.0	0.0	0.0	5.9	5.8	0.0	0.0	3.2	0.0	0.0	0.0	9.3	10.7	0.0	0.0	
Access Road	East of Rosper Rd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Humber Rd	East of C	0.0	0.0	0.0	0.0	0.2	0.1	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	0.1	0.1	0.0	0.0
A1173	South of E	0.0	0.0	0.0	0.0	7.3	4.0	0.0	1.0	0.0	0.0	0.0	0.0	2.2	2.1	0.0	0.0	0.9	0.0	0.0	0.0	4.3	5.3	0.0	0.0	
A1173	North of A	0.0	0.0	0.0	0.0	7.2	4.0	0.0	1.0	0.0	0.0	0.0	0.0	2.2	2.1	0.0	0.0	0.9	0.0	0.0	0.0	4.3	5.3	0.0	0.0	
Manby Rd	South of A	0.0	0.0	0.0	0.0	7.9	4.5	0.0	1.1	0.0	0.0	0.0	0.0	2.5	2.4	0.0	0.0	1.1	0.0	0.0	0.0	4.8	5.9	0.0	0.0	
A1173	East of A	0.0	0.0	0.0	0.0	6.1	3.2	0.0	0.7	0.0	0.0	0.0	0.0	1.7	1.6	0.0	0.0	0.7	0.0	0.0	0.0	3.5	4.4	0.0	0.0	
A1173	North of G	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
A1173	Between G and H	0.0	0.0	0.0	0.0	6.0	3.2	0.0	0.7	0.0	0.0	0.0	0.0	1.7	1.6	0.0	0.0	0.7	0.0	0.0	0.0	3.4	4.3	0.0	0.0	
North Moss Lane	East of H	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	
A1173	Between H and I	0.0	0.0	0.0	0.0	4.4	2.1	0.0	0.4	0.0	0.0	0.0	0.0	1.1	1.0	0.0	0.0	0.4	0.0	0.0	0.0	2.3	3.0	0.0	0.0	
A180	Between I and J	0.0	0.0	0.0	0.0	3.4	1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.3	0.0	0.0	0.0	1.6	2.2	0.0	0.0	

Table F.3 Road Traffic Noise Levels Base + Construction compared to Base

Road Name	Location	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	00:00
M180	West of M180 J5	0.0	0.1	0.1	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0
A180	East of M180 J5	0.0	0.1	0.1	0.1	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0
A15	North of M180 J5	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
A18	South of M180 J5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A160	South of K	0.1	0.1	0.1	0.1	0.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0
A1077 Ulceby Rd	West of K	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.2	0.0	0.0
A160	Between K and D	0.1	0.1	0.1	0.1	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.3	0.0	0.0
A160	Between D and L	0.1	0.1	0.1	0.1	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.3	0.0	0.1
A160	Between L and E	0.1	0.2	0.2	0.2	0.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.4	0.0	0.1
Humber Rd	Between E and C	0.1	0.2	0.2	0.2	1.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	1.6	0.0	0.1	0.8	0.0	0.1
Rosper Rd	North of C	0.2	0.4	0.4	0.3	2.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	2.8	0.0	0.1	1.5	0.1	0.2
Access Road	East of Rosper Rd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Humber Rd	East of C	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A1173	South of E	0.0	0.0	0.0	0.0	0.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.4	0.0	0.0
A1173	North of A	0.0	0.0	0.0	0.0	0.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.4	0.0	0.0
Manby Rd	South of A	0.0	0.0	0.0	0.0	0.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.4	0.0	0.0
A1173	East of A	0.0	0.0	0.0	0.0	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.3	0.0	0.0
A1173	North of G	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A1173	Between G and H	0.0	0.0	0.0	0.0	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.3	0.0	0.0
North Moss Lane	East of H	0.0	0.0	0.0	0.0	0.0	0.1	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	0.0	0.0
A1173	Between H and I	0.0	0.0	0.0	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.2	0.0	0.0
A180	Between I and J	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0