

## Appendix 3.6 Breakdown of Noise Contribution (Unmitigated)

NSR	Floor	Predicted Noise Level in 2022, L10 (1-hr)dB(A)		
		New Road	Existing Road	Overall
SG1	1	64.2	73.3	74
	10	66.5	75.2	76
	20	65.5	74.2	75
	28	64.7	73.5	74
SG2	1	61.5	71.5	72
	10	63.3	71.9	73
	20	62.3	72.0	72
	30	61.3	72.3	73
	31	61.3	72.3	73
SG3	1	50.5	67.7	68
	10	60.4	72.1	72
	20	62.8	72.1	73
	30	62.4	72.4	73
	32	62.2	72.6	73
HTC1	1	50.7	78.0	78
	10	56.8	75.6	76
	20	59.6	74.0	74
	30	59.8	72.9	73
	32	59.7	72.8	73
HTC2	1	0.0	80.5	81
	10	0.0	78.9	77
	20	0.0	74.6	75
	30	0.0	73.0	73
	32	0.0	72.8	73
STH1	1	48.5	58.3	59
	6	64.4	71.3	72
STH2	1	53.3	62.5	63
	6	53.3	60.8	61
SKH1	1	68.7	78.2	77
	6	67.0	77.8	78
SKH2	1	60.2	83.7	84
	6	60.0	80.2	80
PTE1	1	38.3	55.9	56
	10	42.3	68.8	67
	20	51.4	69.4	70
	30	52.3	69.1	69
PTE2	38	52.4	68.9	69
	1	60.5	72.0	72
	10	60.9	75.2	75
	20	61.1	74.4	75
	30	61.6	73.7	74
PTE3	38	61.5	73.3	74
	1	53.5	67.4	68
	10	62.4	74.2	75
	20	62.2	73.8	74
	30	62.1	73.4	74
PTE4	38	61.9	73.2	74
	1	65.9	74.3	75
	10	66.0	75.2	76
	20	65.7	74.6	75
	30	65.2	74.1	75
HPC1	38	65.0	73.7	74
	1	58.1	64.7	66
	10	66.6	67.4	70
	20	67.0	68.5	71
	30	66.8	68.8	71
HPC2	34	66.7	68.9	71
	1	63.4	64.8	67
	10	67.3	66.5	70
	20	67.5	67.1	70
	30	67.2	67.5	70
	33	67.2	67.6	70

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NSR	Floor	Predicted Noise Level in 2022, L10 (1-hr)dB(A)		
		New Road	Existing Road	Overall
HPC3	1	59.4	64.4	66
	10	66.2	65.8	69
	20	66.9	66.0	70
	30	66.7	66.5	70
	34	66.6	66.5	70
SAG1	1	74.5	73.6	77
	5	75.8	72.0	77
HNK1	1	55.2	71.4	72
	5	55.0	71.2	71
SAP1	1	74.0	63.2	74
	5	74.3	63.0	75
EHC1	1	57.9	57.8	61
	10	68.6	70.0	72
	20	68.1	73.8	75
	30	67.2	72.9	74
	40	66.5	72.2	73
	46	66.1	71.7	73
EHC2	1	59.7	57.6	62
	10	71.9	71.1	75
	20	70.7	69.8	73
	30	69.5	68.6	72
	40	68.5	67.7	71
	48	67.9	67.2	71
EHC3	1	52.8	59.1	60
	10	62.2	76.1	76
	20	65.1	73.9	74
	30	66.5	72.4	73
	40	66.1	71.3	72
	46	65.9	70.7	72
EHC4	1	50.8	57.3	58
	10	59.0	73.7	74
	20	59.0	72.7	73
	30	58.5	71.7	72
	40	58.7	71.0	71
EHC5	1	57.6	61.8	63
	10	70.0	75.7	77
	20	69.8	73.4	75
	30	69.1	71.9	74
	40	68.5	70.8	73
	46	68.1	70.2	72
YT1	1	70.5	59.7	71
	10	70.8	60.4	71
	20	68.9	63.2	70
	30	67.7	63.7	69
	36	67.1	63.6	69
YT2	1	65.9	74.3	75
	10	64.6	72.2	73
	20	63.0	70.5	71
	30	61.8	69.2	70
	36	61.2	68.6	69
YT3	1	57.8	72.9	73
	10	56.7	72.8	73
	20	55.4	71.0	71
	30	54.3	69.7	70
	36	53.7	69.1	69