



# Cambridge South East Transport Phase 2

## Environmental Statement

Appendix 7.4 Operation Noise – Magnitude of Impact

31st July 2023

**Table 7.4.1 Short-term noise impacts**

Increase/decrease in noise	Change in noise level dB LAeq, 16hr	Magnitude of Impact	Daytime - Number of residential properties	Daytime - Number of other sensitive receptors
Increase	1 - 2.9	Minor	1664	107
Increase	3 - 4.9	Moderate	9	1
Increase	>=5	Major	18	0
Negligible	-0.9 - 0.9	Negligible	4198	771
Decrease	1 - 2.9	Minor	0	0
Decrease	3 - 4.9	Moderate	0	0
Decrease	>=5	Major	0	0

**Table 7.4.2 Long-term noise impacts with Proposed Development**

Increase/decrease in noise	Change in noise level dB LAeq, 16hr	Magnitude of Impact	Daytime - Number of residential properties	Daytime - Number of other sensitive receptors
Increase	3 - 4.9	Minor	9	1
Increase	5 - 9.9	Moderate	18	0
Increase	>=10	Major	0	0
Negligible	-2.9 - 2.9	Negligible	5862	878
Decrease	3 - 4.9	Minor	0	0
Decrease	5 - 9.9	Moderate	0	0
Decrease	>=10	Major	0	0

**Table 7.4.3 Long-term noise impacts without Proposed Development**

Increase/decrease in noise	Change in noise level dB LAeq, 16hr	Magnitude of Impact	Daytime - Number of residential properties	Daytime - Number of other sensitive receptors
Increase	3 - 4.9	Minor	0	0
Increase	5 - 9.9	Moderate	0	0
Increase	>=10	Major	0	0
Negligible	-2.9 - 2.9	Negligible	5889	879
Decrease	3 - 4.9	Minor	0	0
Decrease	5 - 9.9	Moderate	0	0
Decrease	>=10	Major	0	0