

Appendix A – Whitefield Street Noise Measurement

Project: State Highway 1 North Canterbury – Woodend Bypass Project (Belfast to Pegasus)

Application ID: FTAA-2512-1157

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This measurement is provided as contextual evidence only. It is **not** intended to replace a formal operational road-traffic noise assessment undertaken in accordance with NZS 6806:2010. Rather, it demonstrates that the existing SH1 traffic-noise environment at Whitefield Street is already significant and supports the need for formal assessment under the draft designation conditions.

The measurement recorded:

- LAeq: 63.31 dB over 15 minutes
- LAF90: 60.05 dB

This material is provided as supporting evidence that the existing SH1 traffic-noise environment in this residential area is persistent and significant.

I acknowledge that this is not a formal NZS 6806:2010 LAeq(24h) assessment. However, it supports the need for formal 24-hour modelling and receiver-specific assessment for the Kaiapoi residential corridor beside the existing SH1.