



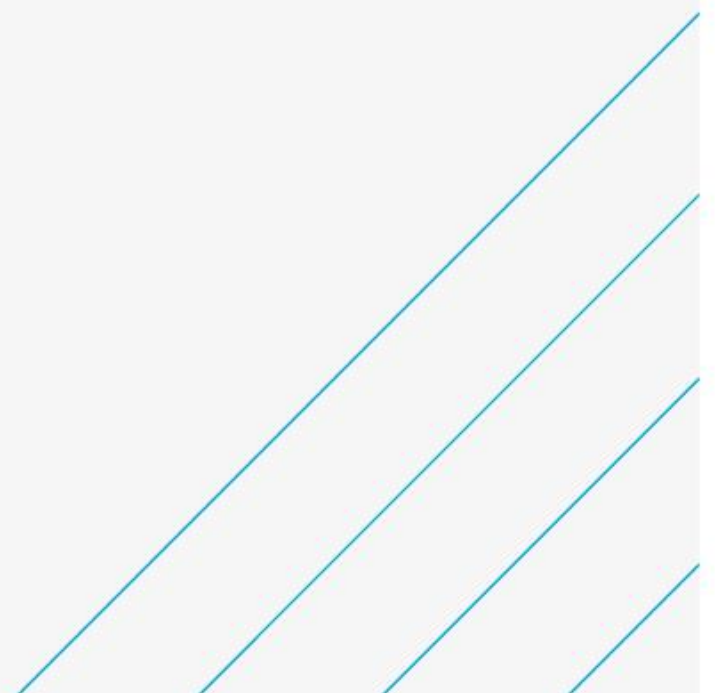
SNC • LAVALIN

West Cheltenham Transport Improvement Scheme - A40 Cyber Business Park Phase 2

Appendix G: Noise Modelling Figures

Gloucestershire County Council

15 October 2019



Notice

This document and its contents have been prepared and are intended solely as information for Gloucestershire County Council and use in relation to FBC

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This document has 12 pages including the cover.

Document history

Revision	Purpose description	Origin- ated	Checked	Reviewed	Author-ised	Date
Rev 1.0	<purpose>	CH	DB	AL	IE	09/10/2019

Client signoff

Client	Gloucestershire County Council
Project	West Cheltenham Transport Improvement Scheme - A40 Cyber Business Park Phase 2
Job number	5188770
Client signature / date	

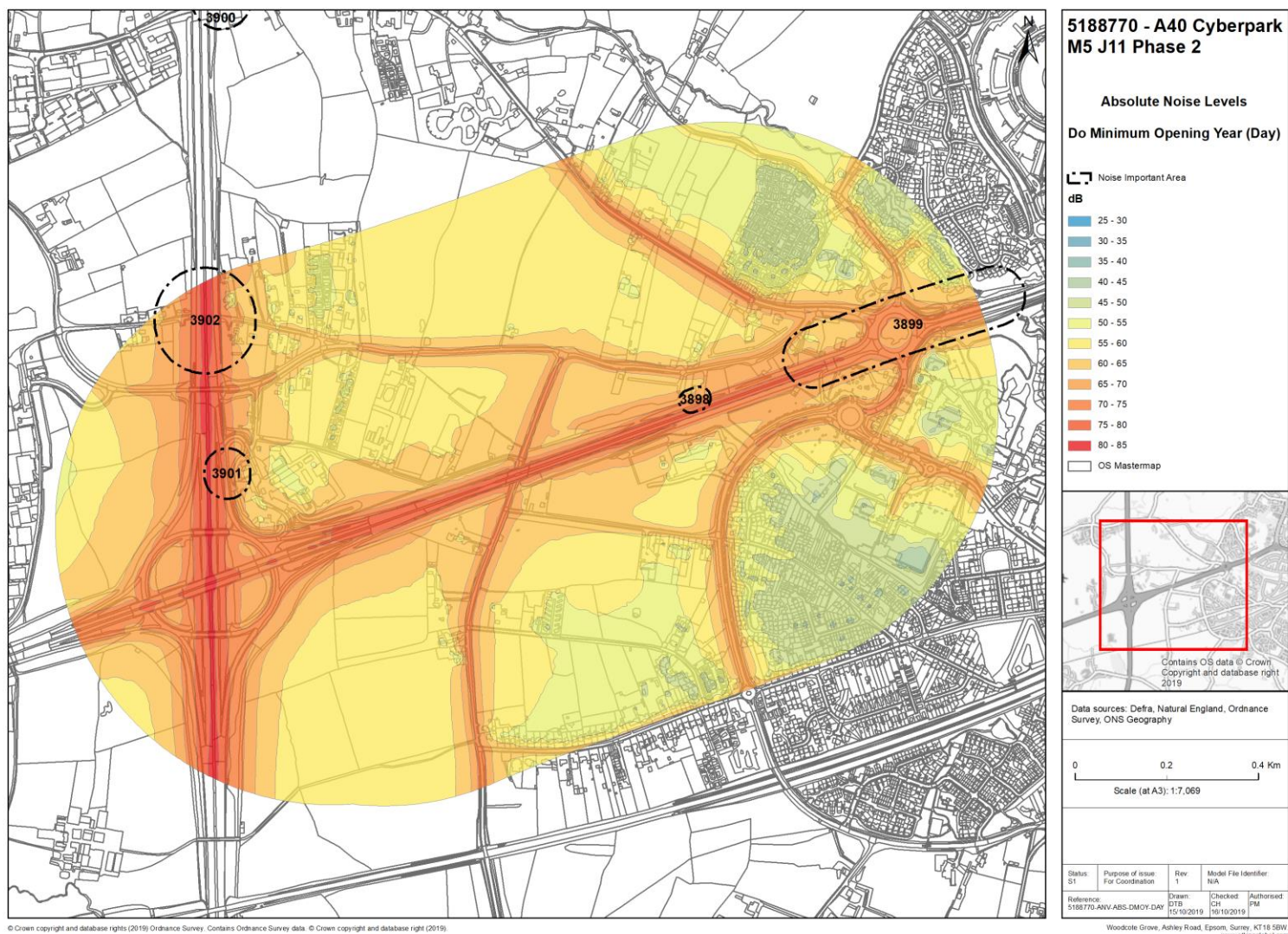


Figure 1: Absolute Noise Levels Daytime ($L_{A10, 18h}$), Do Minimum Opening Year (2021)

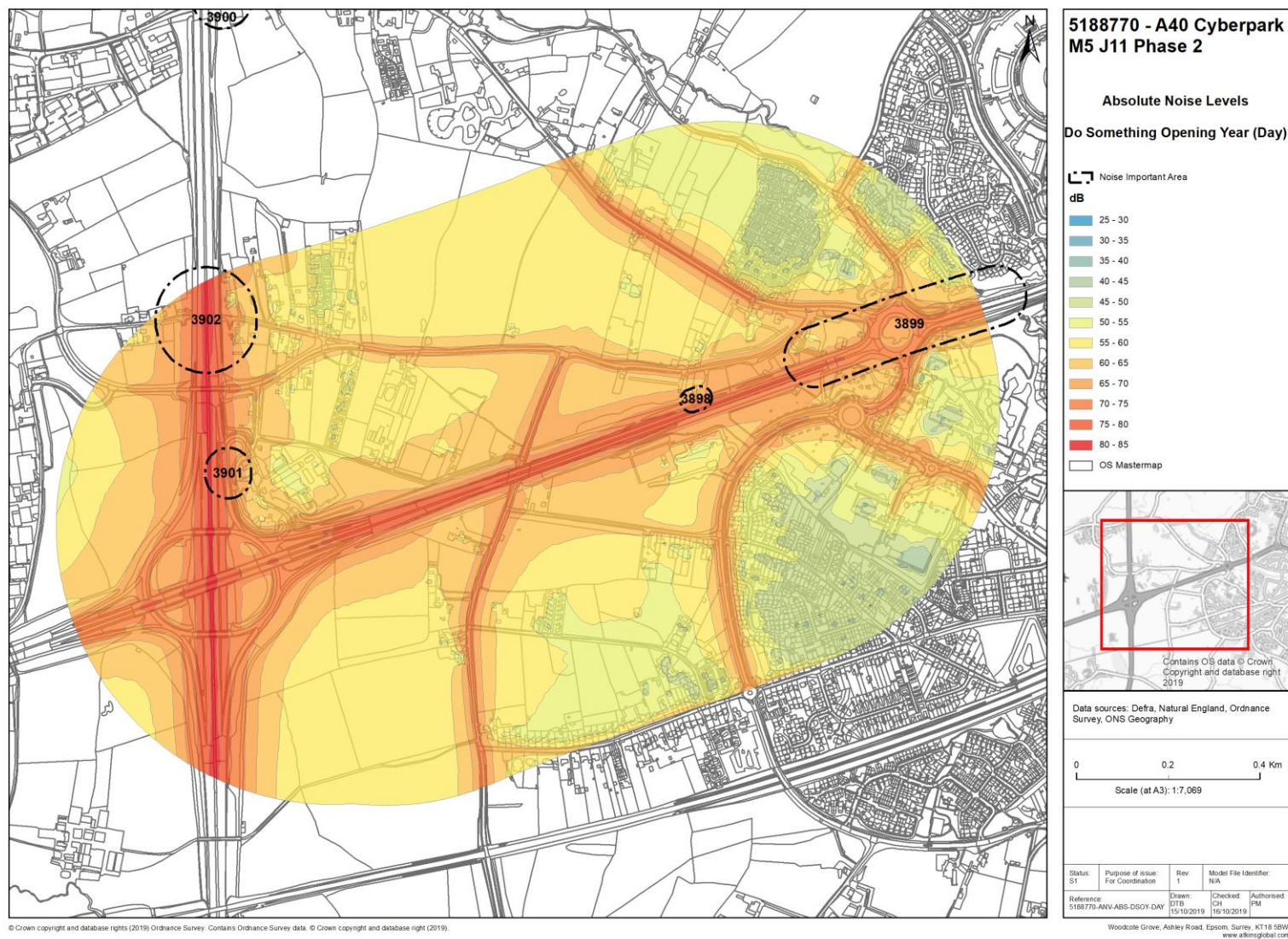


Figure 2: Absolute Noise Levels Daytime ($L_{A10, 18h}$), Do Something Opening Year (2021)

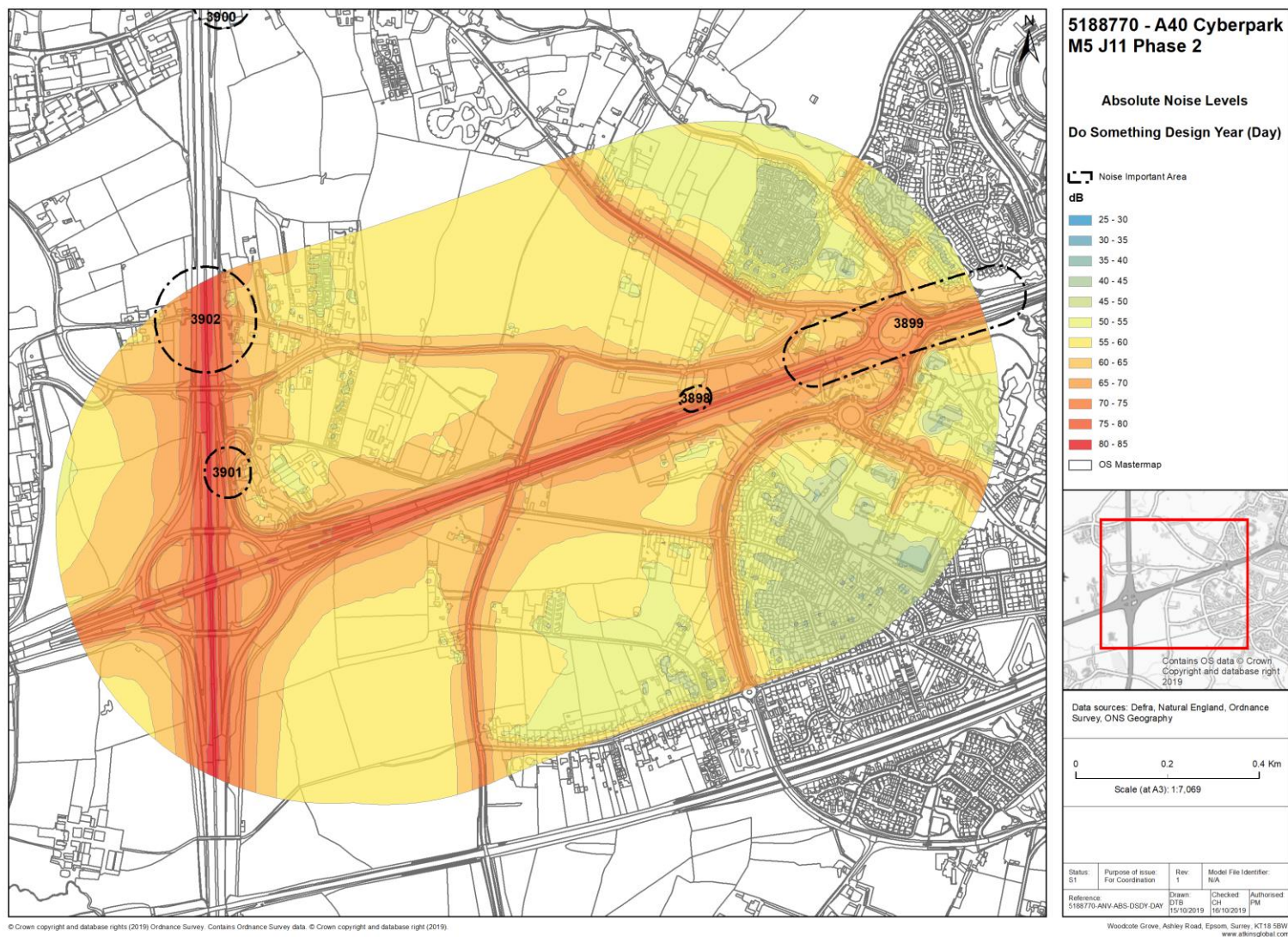


Figure 3: Absolute Noise Levels Daytime ($L_{A10, 18h}$), Do Something Design Year (2031)

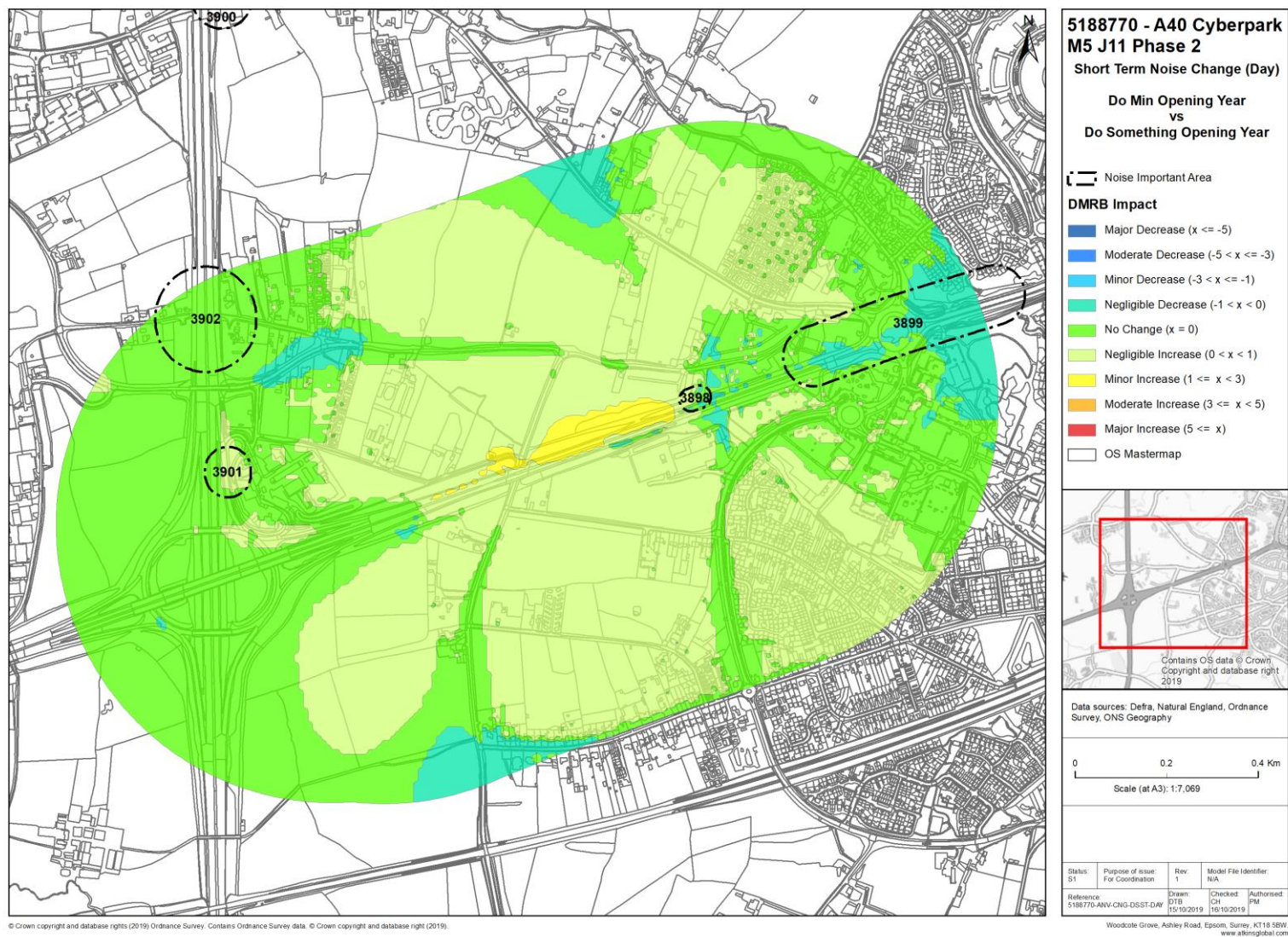


Figure 4: Noise Level Change Daytime (with scheme), Short Term ($L_{A10, 18h}$) – Do Minimum Opening Year (2021) vs Do Something Opening Year (2021)

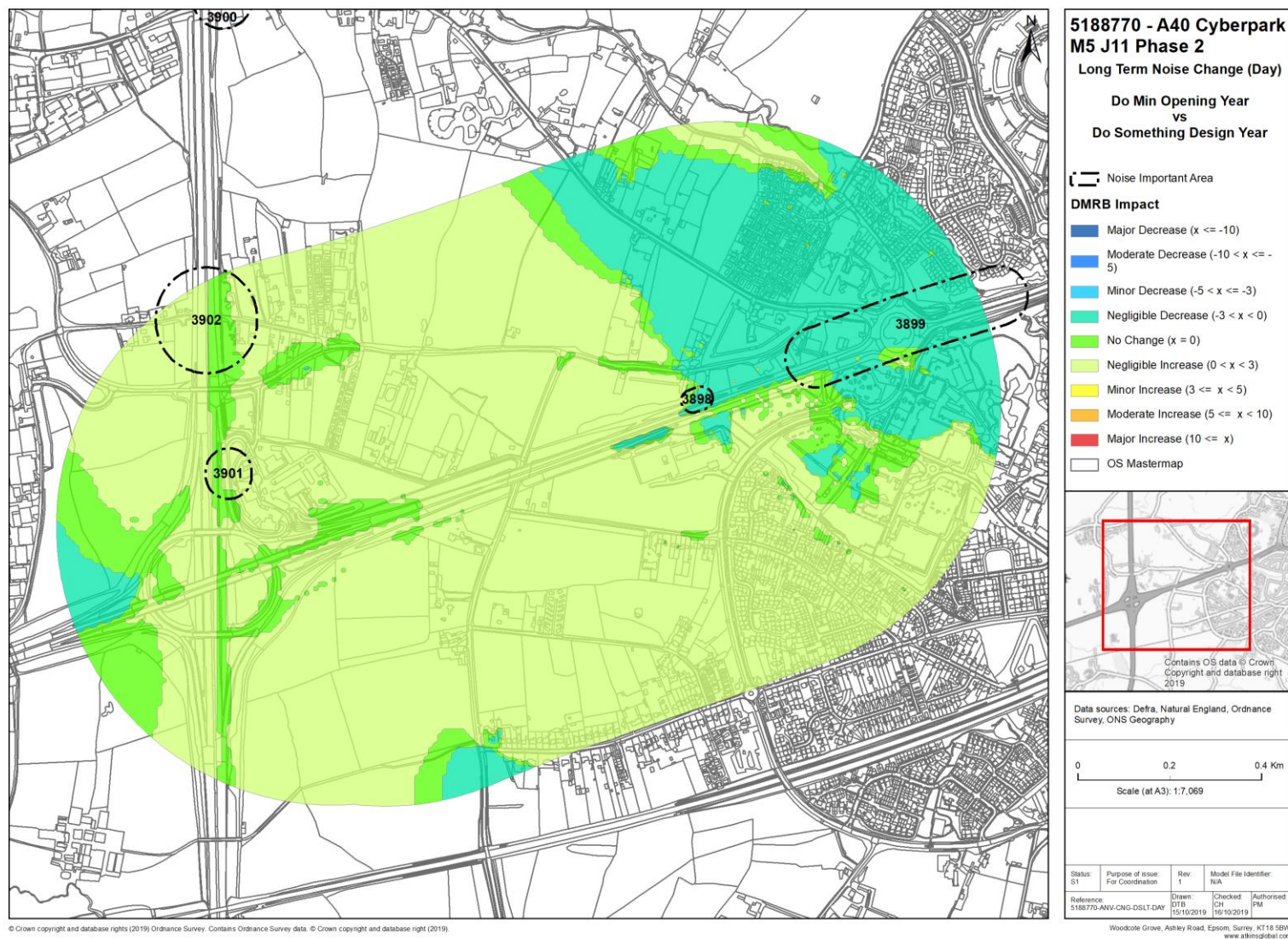


Figure 5: Noise Level Change Daytime (with scheme), Long Term ($L_{A10, 18h}$) – Do Minimum Opening Year (2021) vs Do Something Design Year (2031)

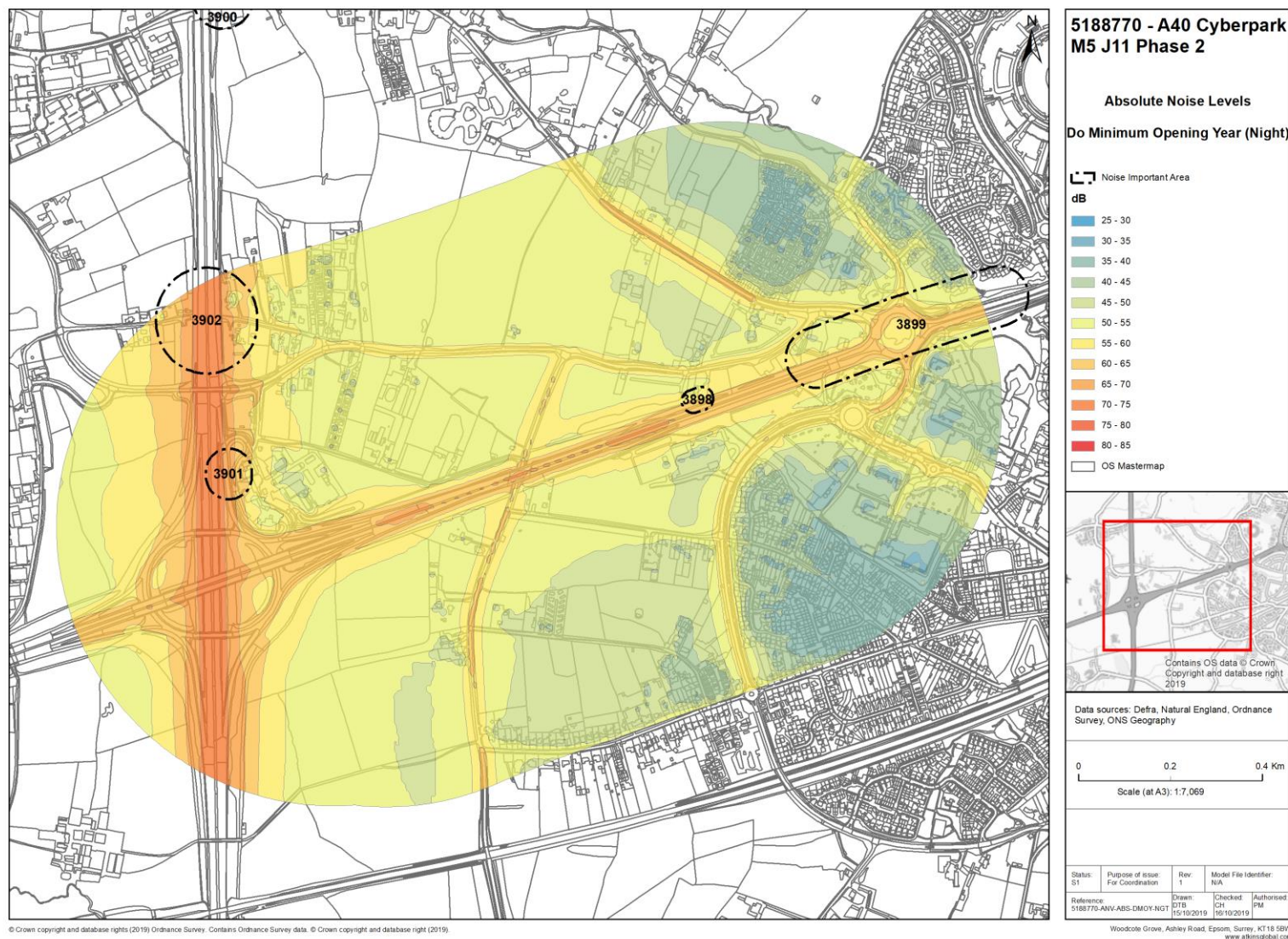


Figure 6: Absolute Noise Levels Night-time ($L_{A10, 18h}$), Do Minimum Opening Year (2021)

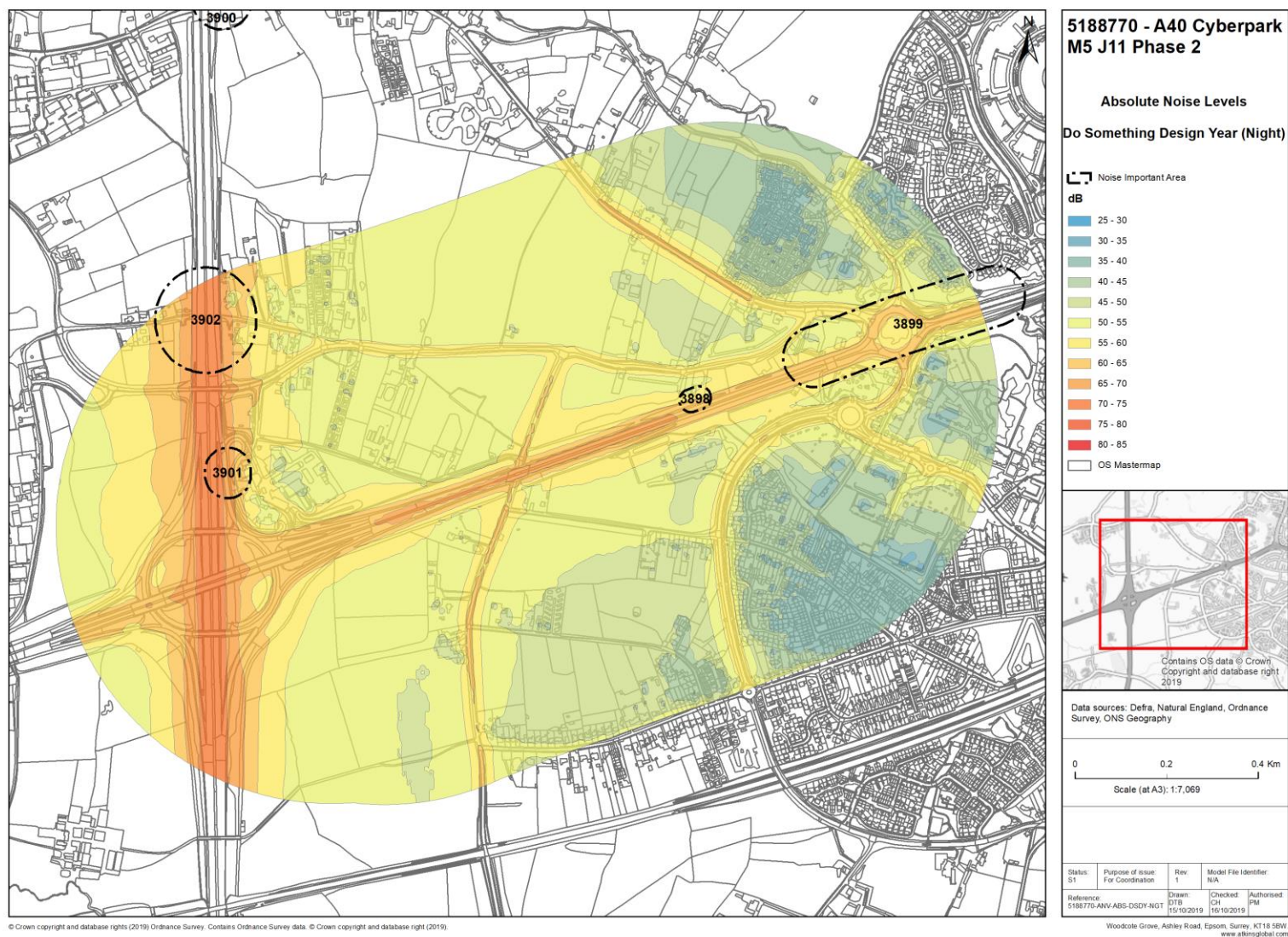


Figure 7: Absolute Noise Levels Night-time ($L_{A10, 18h}$), Do Something Design Year (2031)

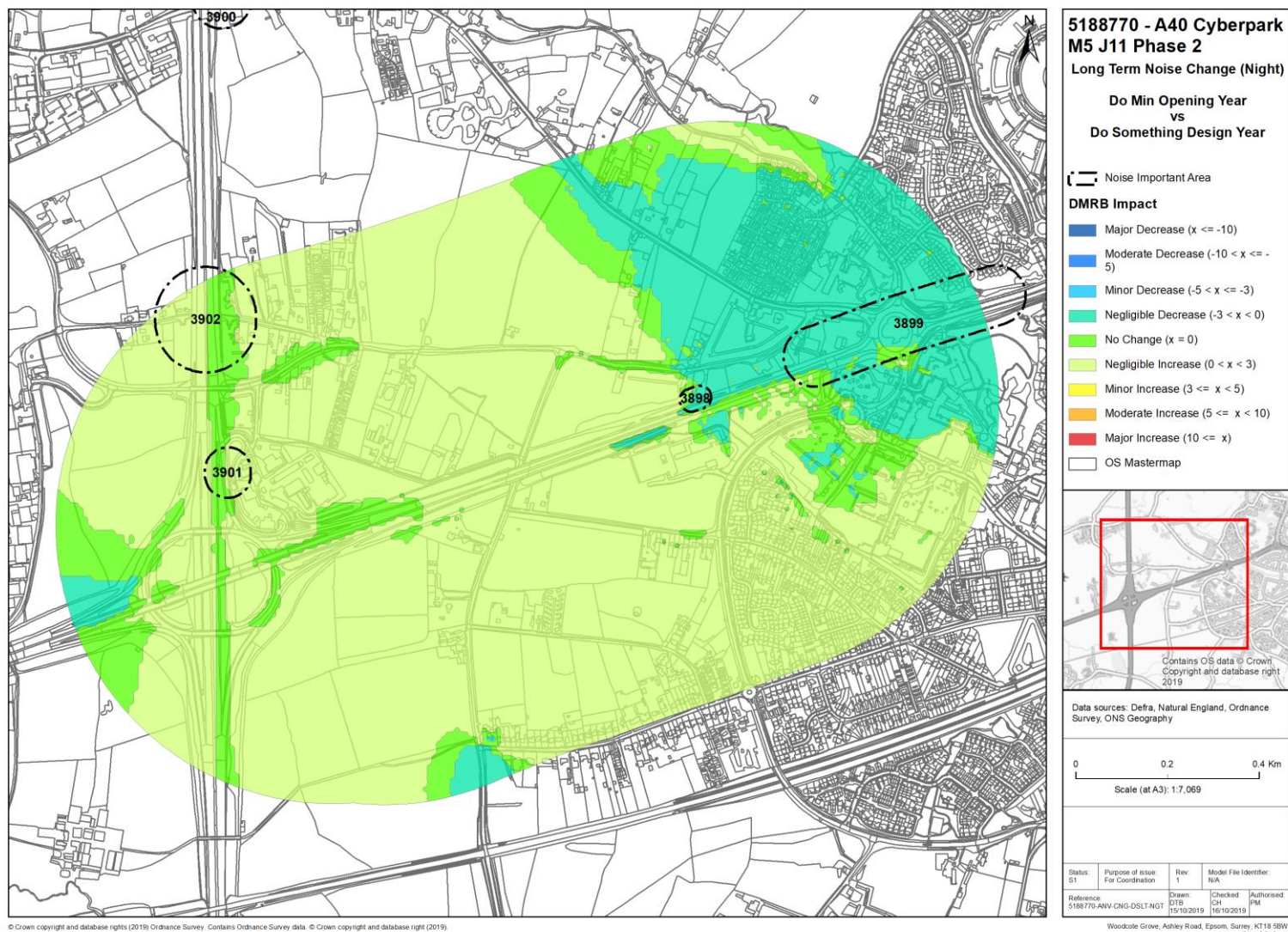


Figure 8: Noise Level Change Night-time (with scheme), Long Term ($L_{A10, 18h}$) – Do Minimum Opening Year (2021) vs Do Something Design Year (2031)

