Appendix D

Construction Noise Modeling

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 07/19/2023
Case Description: Stow Grove v2

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residence	Residential	65.0	65.0	65.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	200.0	0.0
Crane	No	16		80.6	200.0	0.0

Results

| | Calculated (dBA) | | Noise Limits (dBA) | | |