

Appendix I

Noise Technical Data

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 12/13/2024
 Case Description: 3600 Peck Road

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	80	80	80

Description	Impact Device	Usage(%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
			Concrete Mixer Truck	No	40	78.8
Compressor (air)	No	40	77.7	150	0	
Crane	No	16	80.6	150	0	
Front End Loader	No	40	79.1	150	0	
Pneumatic Tools	No	50	85.2	150	0	
Front End Loader	No	40	79.1	150	0	

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Concrete Mixer Truck	69.3	65.3
Compressor (air)	68.1	64.1
Crane	71	63
Front End Loader	69.6	65.6
Pneumatic Tools	75.6	72.6
Front End Loader	69.6	65.6
Total	75.6	75.3

*Calculated Lmax is the Loudest value.