

## **Appendix F. Roadway Construction Noise Model Results**

*This page intentionally left blank.*

Roadway Construction Noise Model (RCNM),Version 1.1															
Report date	3/29/2024														
Case Description:															
	---- Receptor #1 ----														
	Baselines (dBA)														
Description	Land Use	Daytime	Evening	Night											
Single Fam	Residential	55	50	45											
	Equipment														
				Spec	Actual	Receptor	Estimated								
		Impact		Lmax	Lmax	Distance	Shielding								
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)									
Dozer	No	40		81.7	200	0									
Dump Truck	No	40		76.5	200	0									
Grader	No	40	85		200	0									
	Results														
	Calculated (dBA)			Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
			Day		Evening		Night		Day		Evening		Night		
Equipment	*Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	
Dozer	69.6	68.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dump Truck	64.4	63.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Grader	73	72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Total	73	74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	*Calculated Lmax is the Loudest value.														

*This page intentionally left blank.*