

Appendix E – Traffic Noise Modeling Data for the

547 Airport Boulevard Project

21 Townhomes at the Existing Monterey Bar Rebar Inc. Site

547 Airport Boulevard
City of Watsonville
August 2020



Prepared by: MIG Inc., Berkeley, CA.



RESULTS: SOUND LEVELS

Watsonville, CA

MIG, Inc. Phil Gleason						26 March 2020 TNM 2.5 Calculated with TNM 2.5						
RESULTS: SOUND LEVELS			Watsonville, CA									
PROJECT/CONTRACT:			547 Airport Blvd									
RUN:			INPUT HEIGHTS									
BARRIER DESIGN:									Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing Lden	No Barrier Lden Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated Lden	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Receiver1	1	1	0.0	74.8	66	74.8	10	Snd Lvl	74.8	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		1	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

Watsonville, CA

MIG, Inc. Phil Gleason									26 March 2020 TNM 2.5 Calculated with TNM 2.5			
RESULTS: SOUND LEVELS			Watsonville, CA									
PROJECT/CONTRACT:			547 Airport Blvd + Project									
RUN:			INPUT HEIGHTS									
BARRIER DESIGN:									Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing Lden	No Barrier Lden Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
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