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.									26 March	2020									
Phil Gleason									TNM 2.5										
									Calculated	dwith TNM	2.5								
RESULTS: SOUND LEVELS										- WILLI IIVIVI									
PROJECT/CONTRACT:		Watso	nville, C	\ \ \		1													
RUN:	547 Airport Blvd																		
BARRIER DESIGN:	INPUT HEIGHTS									Average pavement typeshall be used unless									
											ghway agenc								
ATMOSPHERICS:		68 deg	F, 50%	RH							ent type with								
Receiver																			
Name	No.	#DUs	Existin	g N	lo Barrier						With Barrier								
			Lden	L	_den			Increase over	r existing	Туре	Calculated	Noise Reduc	tion						
				C	Calculated	Crit'n		Calculated	Crit'n	Impact	Lden	Calculated	Goal	Calcul	ated				
									Sub'l Inc					minus					
														Goal					
			dBA	d	IBA	dBA		dB	dB		dBA	dB	dB	dB					
Receiver1		1 '	1	0.0	74.	8	66	74.8	3 10	Snd Lvl	74.8	0.0		8	-8.0				
Dwelling Units		# DUs	Noise	Redu	uction														
			Min	1	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												

RESULTS: SOUND LEVELS Watso										ville, CA								
MIG, Inc. Phil Gleason									26 March TNM 2.5		0.5							
RESULTS: SOUND LEVELS PROJECT/CONTRACT: RUN:		547 Ai	nville, C	vd +	Project				Calculate	dwith TNM								
BARRIER DESIGN: ATMOSPHERICS:			F, 50%							a State hi	pavement type ghway agency ent type with	/substantiate	s the us					
Receiver																		
Name	No.	#DUs	Existi	ng	No Barrier						With Barrier		-					
	Lden			Lden			Increase over existing		Type Calculated		Noise Reduc							
					Calculated	Crit'n		Calculated	Crit'n Sub'l Inc	Impact	Lden	Calculated	Goal	Calcula minus Goal	-			
			dBA		dBA	dBA		dB	dB		dBA	dB	dB	dB				
Receiver1		1	1	0.0	74.8	6	6	74.8	3 10	Snd Lvl	74.8	0.0		8	-8.0			
Dwelling Units		# DUs	Noise	Red	duction													
			Min		Avg	Max												
			dB		dB	dB	Ţ											
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											