

Appendix H-2

Traffic Noise Modeling Worksheets

INPUT: ROADWAYS
Pacific Coast Commons

Dudek											
CB											
INPUT: ROADWAYS				22 June 2020							
PROJECT/CONTRACT:				TNM 2.5							
RUN:											
Pacific Coast Commons								Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA			
Existing											
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

INPUT: ROADWAYS
Pacific Coast Commons

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,685.1	12,318,094.0	0.00				Average	
		point113	113	1,216,679.6	12,317,596.0	0.00				Average	
		point114	114	1,216,674.2	12,317,417.0	0.00				Average	
		point115	115	1,216,673.6	12,317,396.0	0.00				Average	
		point116	116	1,216,664.6	12,317,097.0	0.00				Average	
		point117	117	1,216,666.9	12,316,873.0	0.00				Average	
		point118	118	1,216,669.8	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

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		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

Dudek												
CB												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	Pacific Coast Commons											
RUN:	Existing											
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos									
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
East Mariposa Avenue	point30	30	1152	40	23	40	11	40	0	0	0	0
	point31	31	1152	40	23	40	11	40	0	0	0	0
	point32	32	1152	40	23	40	11	40	0	0	0	0
	point33	33	1152	40	23	40	11	40	0	0	0	0
	point34	34	1152	40	23	40	11	40	0	0	0	0
	point35	35	1152	40	23	40	11	40	0	0	0	0
	point36	36	1152	40	23	40	11	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	55	25	1	25	0	0	0	0	0	0
	point76	76	55	25	1	25	0	0	0	0	0	0
	point77	77	55	25	1	25	0	0	0	0	0	0
	point78	78	55	25	1	25	0	0	0	0	0	0
	point79	79	55	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	742	25	15	25	7	25	0	0	0	0
	point82	82	742	25	15	25	7	25	0	0	0	0
	point83	83	742	25	15	25	7	25	0	0	0	0
	point84	84	742	25	15	25	7	25	0	0	0	0
	point85	85	742	25	15	25	7	25	0	0	0	0
	point86	86	742	25	15	25	7	25	0	0	0	0
	point87	87	742	25	15	25	7	25	0	0	0	0
	point88	88	742	25	15	25	7	25	0	0	0	0
	point89	89	742	25	15	25	7	25	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

	point90	90	742	25	15	25	7	25	0	0	0	0
	point91	91	742	25	15	25	7	25	0	0	0	0
	point92	92	742	25	15	25	7	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	133	25	2	25	1	25	0	0	0	0
	point113	113	133	25	2	25	1	25	0	0	0	0
	point114	114	133	25	2	25	1	25	0	0	0	0
	point115	115	133	25	2	25	1	25	0	0	0	0
	point116	116	133	25	2	25	1	25	0	0	0	0
	point117	117	133	25	2	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2249	35	46	35	23	35	0	0	0	0
	point50	50	2249	35	46	35	23	35	0	0	0	0
	point51	51	2249	35	46	35	23	35	0	0	0	0
	point52	52	2249	35	46	35	23	35	0	0	0	0
	point54	54	2249	35	46	35	23	35	0	0	0	0
	point55	55	2249	35	46	35	23	35	0	0	0	0
	point56	56	2249	35	46	35	23	35	0	0	0	0
	point63	63	2249	35	46	35	23	35	0	0	0	0
	point58	58	2249	35	46	35	23	35	0	0	0	0
	point59	59	2249	35	46	35	23	35	0	0	0	0
	point60	60	2249	35	46	35	23	35	0	0	0	0
	point64	64	2249	35	46	35	23	35	0	0	0	0
	point65	65	2249	35	46	35	23	35	0	0	0	0
	point66	66	2249	35	46	35	23	35	0	0	0	0
	point68	68										
PCH North	point45	45	2249	35	46	35	23	35	0	0	0	0
	point46	46	2249	35	46	35	23	35	0	0	0	0
	point43	43	2249	35	46	35	23	35	0	0	0	0
	point47	47	2249	35	46	35	23	35	0	0	0	0
	point42	42	2249	35	46	35	23	35	0	0	0	0
	point41	41	2249	35	46	35	23	35	0	0	0	0
	point38	38	2249	35	46	35	23	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2353	35	48	35	24	35	0	0	0	0
	point8	8	2353	35	48	35	24	35	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

	point9	9	2353	35	48	35	24	35	0	0	0	0
	point10	10	2353	35	48	35	24	35	0	0	0	0
	point11	11	2353	35	48	35	24	35	0	0	0	0
	point12	12	2353	35	48	35	24	35	0	0	0	0
	point13	13	2353	35	48	35	24	35	0	0	0	0
	point14	14	2353	35	48	35	24	35	0	0	0	0
	point16	16	2353	35	48	35	24	35	0	0	0	0
	point17	17	2353	35	48	35	24	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2353	35	48	35	24	35	0	0	0	0
	point21	21	2353	35	48	35	24	35	0	0	0	0
	point19	19	2353	35	48	35	24	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2353	35	48	35	24	35	0	0	0	0
	point69	69	2353	35	48	35	24	35	0	0	0	0
	point70	70	2353	35	48	35	24	35	0	0	0	0
	point72	72	2353	35	48	35	24	35	0	0	0	0
	point73	73	2353	35	48	35	24	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2353	35	48	35	24	35	0	0	0	0
	point28	28	2353	35	48	35	24	35	0	0	0	0
	point25	25	2353	35	48	35	24	35	0	0	0	0
	point23	23										

INPUT: RECEIVERS
Pacific Coast Commons

Dudek											
CB											
INPUT: RECEIVERS											
PROJECT/CONTRACT:	Pacific Coast Commons										
RUN:	Existing										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y

INPUT: BARRIERS

Pacific Coast Commons

Dudek					22 June 2020														
CB					TNM 2.5														
INPUT: BARRIERS																			
PROJECT/CONTRACT:					Pacific Coast Commons														
RUN:					Existing														
Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per Unit	\$ per Unit	Top Width	Run:Rise	\$ per Unit			X	Y	Z	at Point	Seg Ht	Perturbs	On	Important	
				Area	Vol.			Length							Incre-	#Up	#Dn	Struct?	Reflec-tions?
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft				
Barrier12	W	0.00	99.99	0.00				0.00	point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0		
									point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0		
									point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0		
									point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0		
									point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0		
									point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0		
									point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0		
									point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point87	87	1,216,702.6	12,317,551.0	0.00	95.00					
Barrier13	W	0.00	99.99	0.00				0.00	point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0		
									point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0		
									point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0		
									point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0		
									point93	93	1,216,849.1	12,318,180.0	0.00	15.00					
Barrier16	W	0.00	99.99	0.00				0.00	point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0		
									point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0		
									point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0		
									point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0		
									point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0		
									point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0		
									point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0		
									point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0		
									point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0		
									point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0		
									point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0		
									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0		
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00					
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,725.8	12,317,602.0	0.00	95.00	0.00	0	0		
									point123	123	1,216,705.5	12,317,600.0	0.00	95.00	0.00	0	0		
									point124	124	1,216,704.8	12,317,612.0	0.00	95.00	0.00	0	0		

INPUT: BARRIERS

Pacific Coast Commons

									point125	125	1,216,699.9	12,317,612.0	0.00	95.00	0.00	0	0		
									point126	126	1,216,705.8	12,317,927.0	0.00	95.00	0.00	0	0		
									point127	127	1,216,709.9	12,317,926.0	0.00	95.00	0.00	0	0		
									point128	128	1,216,710.9	12,317,932.0	0.00	95.00	0.00	0	0		
									point129	129	1,216,733.0	12,317,933.0	0.00	95.00	0.00	0	0		
									point130	130	1,216,727.4	12,317,598.0	0.00	95.00					
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0		
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0		
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0		
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0		
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0		
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0		
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00					
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0		
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0		
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0		
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00					

RESULTS: SOUND LEVELS
Pacific Coast Commons

Dudek CB													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:													
RUN:													
BARRIER DESIGN:													
ATMOSPHERICS:													
Receiver													
Name	No.	#DUs	Existing	No Barrier					With Barrier				
			LAeq1h	LAeq1h			Increase over existing	Type	Calculated	Noise Reduction			
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated	
							Sub'l Inc					minus	
												Goal	
			dB	dB	dB	dB	dB		dB	dB	dB	dB	
ST1	1	1	0.0	59.0	66	59.0	10	----	59.0	0.0	8	-8.0	
ST2	2	1	0.0	55.0	66	55.0	10	----	55.0	0.0	8	-8.0	
ST3	3	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0	
ST4	4	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0	
ST5	5	1	0.0	59.2	66	59.2	10	----	59.2	0.0	8	-8.0	
ST6	6	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		6	0.0	0.0	0.0								
All Impacted		2	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

INPUT: ROADWAYS

<Project Name?>

<Organization?>				22 June 2020							
<Analysis By?>				TNM 2.5							
INPUT: ROADWAYS											
PROJECT/CONTRACT:		<Project Name?>									
RUN:		<Run Title?>									
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control				Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

INPUT: ROADWAYS

<Project Name?>

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,679.4	12,318,094.0	0.00				Average	
		point113	113	1,216,673.9	12,317,596.0	0.00				Average	
		point114	114	1,216,668.5	12,317,417.0	0.00				Average	
		point115	115	1,216,667.9	12,317,396.0	0.00				Average	
		point116	116	1,216,658.9	12,317,097.0	0.00				Average	
		point117	117	1,216,661.1	12,316,873.0	0.00				Average	
		point118	118	1,216,664.0	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

INPUT: ROADWAYS
<Project Name?>

		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

<Project Name?>

<Organization?>												
<Analysis By?>												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	<Project Name?>											
RUN:	<Run Title?>											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
East Mariposa Avenue	point30	30	1154	40	23	40	11	40	0	0	0	0
	point31	31	1154	40	23	40	11	40	0	0	0	0
	point32	32	1154	40	23	40	11	40	0	0	0	0
	point33	33	1154	40	23	40	11	40	0	0	0	0
	point34	34	1154	40	23	40	11	40	0	0	0	0
	point35	35	1154	40	23	40	11	40	0	0	0	0
	point36	36	1154	40	23	40	11	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	82	25	1	25	0	0	0	0	0	0
	point76	76	82	25	1	25	0	0	0	0	0	0
	point77	77	82	25	1	25	0	0	0	0	0	0
	point78	78	82	25	1	25	0	0	0	0	0	0
	point79	79	82	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	813	25	16	25	8	25	0	0	0	0
	point82	82	813	25	16	25	8	25	0	0	0	0
	point83	83	813	25	16	25	8	25	0	0	0	0
	point84	84	813	25	16	25	8	25	0	0	0	0
	point85	85	813	25	16	25	8	25	0	0	0	0
	point86	86	813	25	16	25	8	25	0	0	0	0
	point87	87	813	25	16	25	8	25	0	0	0	0
	point88	88	813	25	16	25	8	25	0	0	0	0
	point89	89	813	25	16	25	8	25	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
<Project Name?>

	point90	90	813	25	16	25	8	25	0	0	0	0
	point91	91	813	25	16	25	8	25	0	0	0	0
	point92	92	813	25	16	25	8	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	170	25	3	25	1	25	0	0	0	0
	point113	113	170	25	3	25	1	25	0	0	0	0
	point114	114	170	25	3	25	1	25	0	0	0	0
	point115	115	170	25	3	25	1	25	0	0	0	0
	point116	116	170	25	3	25	1	25	0	1	0	0
	point117	117	170	25	3	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2287	35	47	35	23	35	0	0	0	0
	point50	50	2287	35	47	35	23	35	0	0	0	0
	point51	51	2287	35	47	35	23	35	0	0	0	0
	point52	52	2287	35	47	35	23	35	0	0	0	0
	point54	54	2287	35	47	35	23	35	0	0	0	0
	point55	55	2287	35	47	35	23	35	0	0	0	0
	point56	56	2287	35	47	35	23	35	0	0	0	0
	point63	63	2287	35	47	35	23	35	0	0	0	0
	point58	58	2287	35	47	35	23	35	0	0	0	0
	point59	59	2287	35	47	35	23	35	0	0	0	0
	point60	60	2287	35	47	35	23	35	0	0	0	0
	point64	64	2287	35	47	35	23	35	0	0	0	0
	point65	65	2287	35	47	35	23	35	0	0	0	0
	point66	66	2287	35	47	35	23	35	0	0	0	0
	point68	68										
PCH North	point45	45	2287	35	47	35	23	35	0	0	0	0
	point46	46	2287	35	47	35	23	35	0	0	0	0
	point43	43	2287	35	47	35	23	35	0	0	0	0
	point47	47	2287	35	47	35	23	35	0	0	0	0
	point42	42	2287	35	47	35	23	35	0	0	0	0
	point41	41	2287	35	47	35	23	35	0	0	0	0
	point38	38	2287	35	47	35	23	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2412	35	49	35	24	35	0	0	0	0
	point8	8	2412	35	49	35	24	35	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
<Project Name?>

	point9	9	2412	35	49	35	24	35	0	0	0	0
	point10	10	2412	35	49	35	24	35	0	0	0	0
	point11	11	2412	35	49	35	24	35	0	0	0	0
	point12	12	2412	35	49	35	24	35	0	0	0	0
	point13	13	2412	35	49	35	24	35	0	0	0	0
	point14	14	2412	35	49	35	24	35	0	0	0	0
	point16	16	2412	35	49	35	24	35	0	0	0	0
	point17	17	2412	35	49	35	24	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2412	35	49	35	24	35	0	0	0	0
	point21	21	2412	35	49	35	24	35	0	0	0	0
	point19	19	2412	35	49	35	24	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2395	35	49	35	24	35	0	0	0	0
	point69	69	2395	35	49	35	24	35	0	0	0	0
	point70	70	2395	35	49	35	24	35	0	0	0	0
	point72	72	2395	35	49	35	24	35	0	0	0	0
	point73	73	2395	35	49	35	24	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2395	35	49	35	24	35	0	0	0	0
	point28	28	2395	35	49	35	24	35	0	0	0	0
	point25	25	2395	35	49	35	24	35	0	0	0	0
	point23	23										

INPUT: RECEIVERS

<Project Name?>

<Organization?>											
<Analysis By?>											
INPUT: RECEIVERS											
PROJECT/CONTRACT:	<Project Name?>										
RUN:	<Run Title?>										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-1	9	1	1,216,702.8	12,317,207.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-2	10	1	1,216,702.8	12,317,207.0	0.00	14.92	0.00	66	10.0	8.0	Y
M1-3	11	1	1,216,702.8	12,317,207.0	0.00	24.92	0.00	66	10.0	8.0	Y
M1-4	12	1	1,216,702.8	12,317,207.0	0.00	34.92	0.00	66	10.0	8.0	Y
M1-5	13	1	1,216,702.8	12,317,207.0	0.00	44.92	0.00	66	10.0	8.0	Y
M1-6	14	1	1,216,702.8	12,317,207.0	0.00	54.92	0.00	66	10.0	8.0	Y
M2-1	15	1	1,216,780.9	12,317,150.0	0.00	4.92	0.00	66	10.0	8.0	Y
M2-2	16	1	1,216,780.9	12,317,150.0	0.00	14.92	0.00	66	10.0	8.0	Y
M2-3	17	1	1,216,780.9	12,317,150.0	0.00	24.92	0.00	66	10.0	8.0	Y
M2-4	18	1	1,216,780.9	12,317,150.0	0.00	34.92	0.00	66	10.0	8.0	Y
M2-5	19	1	1,216,780.9	12,317,150.0	0.00	44.92	0.00	66	10.0	8.0	Y
M2-6	20	1	1,216,780.9	12,317,150.0	0.00	54.92	0.00	66	10.0	8.0	Y
M3-1	21	1	1,216,913.8	12,317,249.0	0.00	4.92	0.00	66	10.0	8.0	Y
M3-2	22	1	1,216,913.8	12,317,249.0	0.00	14.92	0.00	66	10.0	8.0	Y
M3-3	23	1	1,216,913.8	12,317,249.0	0.00	24.92	0.00	66	10.0	8.0	Y
M3-4	26	1	1,216,913.8	12,317,249.0	0.00	34.92	0.00	66	10.0	8.0	Y

INPUT: RECEIVERS

INPUT: RECEIVERS				<Project Name?>							
M3-5	27	1	1,216,913.8	12,317,249.0	0.00	44.92	0.00	66	10.0	8.0	Y
M3-6	28	1	1,216,913.8	12,317,249.0	0.00	54.92	0.00	66	10.0	8.0	Y
M4-1	29	1	1,216,915.8	12,317,982.0	0.00	4.92	0.00	66	10.0	8.0	Y
M4-2	30	1	1,216,915.8	12,317,982.0	0.00	14.92	0.00	66	10.0	8.0	Y
M4-3	31	1	1,216,915.8	12,317,982.0	0.00	24.92	0.00	66	10.0	8.0	Y
M4-4	32	1	1,216,915.8	12,317,982.0	0.00	34.92	0.00	66	10.0	8.0	Y
M4-5	33	1	1,216,915.8	12,317,982.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-1	34	1	1,216,910.4	12,318,346.0	0.00	4.92	0.00	66	10.0	8.0	Y
M5-2	35	1	1,216,910.4	12,318,346.0	0.00	14.92	0.00	66	10.0	8.0	Y
M5-3	36	1	1,216,910.4	12,318,346.0	0.00	24.92	0.00	66	10.0	8.0	Y
M5-4	37	1	1,216,910.4	12,318,346.0	0.00	34.92	0.00	66	10.0	8.0	Y
M5-5	38	1	1,216,910.4	12,318,346.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-6	39	1	1,216,910.4	12,318,346.0	0.00	54.92	0.00	66	10.0	8.0	Y
M6-1	40	1	1,216,807.2	12,318,423.0	0.00	4.92	0.00	66	10.0	8.0	Y
M6-2	41	1	1,216,807.2	12,318,423.0	0.00	14.92	0.00	66	10.0	8.0	Y
M6-3	42	1	1,216,807.2	12,318,423.0	0.00	24.92	0.00	66	10.0	8.0	Y
M6-4	43	1	1,216,807.2	12,318,423.0	0.00	34.92	0.00	66	10.0	8.0	Y
M6-5	44	1	1,216,807.2	12,318,423.0	0.00	44.92	0.00	66	10.0	8.0	Y
M6-6	45	1	1,216,807.2	12,318,423.0	0.00	54.92	0.00	66	10.0	8.0	Y
M7-1	46	1	1,216,684.2	12,318,283.0	0.00	4.92	0.00	66	10.0	8.0	Y
M7-2	48	1	1,216,684.2	12,318,283.0	0.00	14.92	0.00	66	10.0	8.0	Y
M7-3	49	1	1,216,684.2	12,318,283.0	0.00	24.92	0.00	66	10.0	8.0	Y
M7-4	50	1	1,216,684.2	12,318,283.0	0.00	34.92	0.00	66	10.0	8.0	Y
M7-5	52	1	1,216,684.2	12,318,283.0	0.00	44.92	0.00	66	10.0	8.0	Y
M7-6	53	1	1,216,684.2	12,318,283.0	0.00	54.92	0.00	66	10.0	8.0	Y
M8-1	54	1	1,216,744.5	12,318,126.0	0.00	4.92	0.00	66	10.0	8.0	Y
M8-2	56	1	1,216,744.5	12,318,126.0	0.00	14.92	0.00	66	10.0	8.0	Y
M8-3	57	1	1,216,744.5	12,318,126.0	0.00	24.92	0.00	66	10.0	8.0	Y
M8-4	58	1	1,216,744.5	12,318,126.0	0.00	34.92	0.00	66	10.0	8.0	Y
M8-5	59	1	1,216,744.5	12,318,126.0	0.00	44.92	0.00	66	10.0	8.0	Y
M8-6	60	1	1,216,744.5	12,318,126.0	0.00	54.92	0.00	66	10.0	8.0	Y
M9-1	62	1	1,216,680.9	12,318,507.0	0.00	4.92	0.00	66	10.0	8.0	Y
M9-2	63	1	1,216,680.9	12,318,507.0	0.00	14.92	0.00	66	10.0	8.0	Y
M9-3	64	1	1,216,680.9	12,318,507.0	0.00	24.92	0.00	66	10.0	8.0	Y
M9-4	65	1	1,216,680.9	12,318,507.0	0.00	34.92	0.00	66	10.0	8.0	Y

INPUT: BARRIERS

<Project Name?>

<Organization?>					22 June 2020														
<Analysis By?>					TNM 2.5														
INPUT: BARRIERS																			
PROJECT/CONTRACT:		<Project Name?>																	
RUN:		<Run Title?>																	
Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add*tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per Unit	\$ per Unit	Top Width	Run:Rise	\$ per Unit			X	Y	Z	at Point	Seg Ht	Perturbs	On	Important	
				Area	Vol.			Length									Struct?	Reflec-	
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft			tions?	
Barrier10	W	0.00	99.99	0.00				0.00	point60	60	1,216,706.2	12,318,437.0	0.00	45.00	0.00	0	0		
									point61	61	1,216,683.4	12,318,438.0	0.00	45.00	0.00	0	0		
									point62	62	1,216,688.1	12,318,587.0	0.00	45.00	0.00	0	0		
									point63	63	1,216,713.4	12,318,587.0	0.00	45.00	0.00	0	0		
									point64	64	1,216,706.2	12,318,437.0	0.00	45.00					
Barrier12	W	0.00	99.99	0.00				0.00	point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0		
									point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0		
									point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0		
									point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0		
									point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0		
									point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0		
									point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0		
									point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point87	87	1,216,702.6	12,317,551.0	0.00	95.00					
Barrier13	W	0.00	99.99	0.00				0.00	point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0		
									point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0		
									point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0		
									point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0		
									point93	93	1,216,849.1	12,318,180.0	0.00	15.00					
Barrier16	W	0.00	99.99	0.00				0.00	point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0		
									point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0		
									point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0		
									point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0		
									point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0		
									point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0		
									point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0		
									point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0		
									point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0		
									point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0		
									point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0		

INPUT: BARRIERS

<Project Name?>

									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0		
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00					
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,720.6	12,317,604.0	0.00	95.00	0.00	0	0		
									point123	123	1,216,700.4	12,317,602.0	0.00	95.00	0.00	0	0		
									point124	124	1,216,699.6	12,317,614.0	0.00	95.00	0.00	0	0		
									point125	125	1,216,694.8	12,317,614.0	0.00	95.00	0.00	0	0		
									point126	126	1,216,700.6	12,317,929.0	0.00	95.00	0.00	0	0		
									point127	127	1,216,704.8	12,317,928.0	0.00	95.00	0.00	0	0		
									point128	128	1,216,705.8	12,317,934.0	0.00	95.00	0.00	0	0		
									point129	129	1,216,727.9	12,317,935.0	0.00	95.00	0.00	0	0		
									point130	130	1,216,722.2	12,317,600.0	0.00	95.00					
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0		
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0		
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0		
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0		
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0		
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0		
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00					
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0		
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0		
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0		
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00					
Barrier20	W	0.00	99.99	0.00				0.00	point144	144	1,216,912.9	12,317,921.0	0.00	52.00	0.00	0	0		
									point145	145	1,216,789.2	12,317,919.0	0.00	52.00	0.00	0	0		
									point146	146	1,216,788.5	12,317,935.0	0.00	52.00	0.00	0	0		
									point147	147	1,216,705.2	12,317,938.0	0.00	52.00	0.00	0	0		
									point148	148	1,216,706.8	12,318,082.0	0.00	52.00	0.00	0	0		
									point149	149	1,216,876.4	12,318,082.0	0.00	52.00	0.00	0	0		
									point150	150	1,216,876.5	12,318,063.0	0.00	52.00	0.00	0	0		
									point151	151	1,216,915.6	12,318,062.0	0.00	52.00	0.00	0	0		
									point152	152	1,216,912.5	12,317,923.0	0.00	52.00					
Barrier22	W	0.00	99.99	0.00				0.00	point153	153	1,216,795.4	12,318,129.0	0.00	60.00	0.00	0	0		
									point154	154	1,216,796.1	12,318,276.0	0.00	60.00	0.00	0	0		
									point155	155	1,216,908.1	12,318,278.0	0.00	60.00	0.00	0	0		
									point156	156	1,216,907.6	12,318,418.0	0.00	60.00	0.00	0	0		
									point157	157	1,216,690.8	12,318,421.0	0.00	60.00	0.00	0	0		
									point158	158	1,216,684.5	12,318,129.0	0.00	60.00	0.00	0	0		
									point159	159	1,216,795.4	12,318,129.0	0.00	60.00					
Barrier23	W	0.00	99.99	0.00				0.00	point160	160	1,216,691.8	12,317,390.0	0.00	60.00	0.00	0	0		
									point161	161	1,216,689.8	12,317,271.0	0.00	60.00	0.00	0	0		
									point162	162	1,216,705.8	12,317,270.0	0.00	60.00	0.00	0	0		
									point163	163	1,216,706.0	12,317,154.0	0.00	60.00	0.00	0	0		
									point164	164	1,216,858.6	12,317,150.0	0.00	60.00	0.00	0	0		
									point165	165	1,216,858.6	12,317,170.0	0.00	60.00	0.00	0	0		
									point166	166	1,216,876.2	12,317,170.0	0.00	60.00	0.00	0	0		
									point167	167	1,216,876.0	12,317,157.0	0.00	60.00	0.00	0	0		
									point168	168	1,216,909.4	12,317,157.0	0.00	60.00	0.00	0	0		
									point169	169	1,216,913.6	12,317,342.0	0.00	60.00	0.00	0	0		
									point170	170	1,216,900.9	12,317,342.0	0.00	60.00	0.00	0	0		

INPUT: BARRIERS

<Project Name?>

									point171	171	1,216,900.2	12,317,389.0	0.00	60.00	0.00	0	0		
									point172	172	1,216,691.8	12,317,390.0	0.00	60.00					

RESULTS: SOUND LEVELS

<Project Name?>

<Organization?>												
<Analysis By?>												
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:												
RUN:												
BARRIER DESIGN:												
ATMOSPHERICS:												
Receiver												
Name	No.	#DUs	Existing	No Barrier					With Barrier			
			LAeq1h	LAeq1h		Increase over existing	Type	Calculated	Noise Reduction			
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
							Sub'l Inc					minus
												Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	56.1	66	56.1	10	----	56.1	0.0	8	-8.0
ST2	2	1	0.0	55.9	66	55.9	10	----	55.9	0.0	8	-8.0
ST3	3	1	0.0	68.2	66	68.2	10	Snd Lvl	68.2	0.0	8	-8.0
ST4	4	1	0.0	62.7	66	62.7	10	----	62.7	0.0	8	-8.0
ST5	5	1	0.0	57.9	66	57.9	10	----	57.9	0.0	8	-8.0
ST6	6	1	0.0	69.6	66	69.6	10	Snd Lvl	69.6	0.0	8	-8.0
M1-1	9	1	0.0	53.8	66	53.8	10	----	53.8	0.0	8	-8.0
M1-2	10	1	0.0	53.7	66	53.7	10	----	53.7	0.0	8	-8.0
M1-3	11	1	0.0	53.4	66	53.4	10	----	53.4	0.0	8	-8.0
M1-4	12	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
M1-5	13	1	0.0	53.3	66	53.3	10	----	53.3	0.0	8	-8.0
M1-6	14	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
M2-1	15	1	0.0	60.6	66	60.6	10	----	60.6	0.0	8	-8.0
M2-2	16	1	0.0	61.2	66	61.2	10	----	61.2	0.0	8	-8.0
M2-3	17	1	0.0	61.3	66	61.3	10	----	61.3	0.0	8	-8.0
M2-4	18	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
M2-5	19	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
M2-6	20	1	0.0	61.4	66	61.4	10	----	61.4	0.0	8	-8.0
M3-1	21	1	0.0	71.3	66	71.3	10	Snd Lvl	71.3	0.0	8	-8.0
M3-2	22	1	0.0	70.9	66	70.9	10	Snd Lvl	70.9	0.0	8	-8.0
M3-3	23	1	0.0	70.6	66	70.6	10	Snd Lvl	70.6	0.0	8	-8.0
M3-4	26	1	0.0	70.5	66	70.5	10	Snd Lvl	70.5	0.0	8	-8.0
M3-5	27	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M3-6	28	1	0.0	70.1	66	70.1	10	Snd Lvl	70.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

<Project Name?>												
M4-1	29	1	0.0	70.3	66	70.3	10	Snd Lvl	70.3	0.0	8	-8.0
M4-2	30	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M4-3	31	1	0.0	70.0	66	70.0	10	Snd Lvl	70.0	0.0	8	-8.0
M4-4	32	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M4-5	33	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M5-1	34	1	0.0	69.6	66	69.6	10	Snd Lvl	69.6	0.0	8	-8.0
M5-2	35	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M5-3	36	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0
M5-4	37	1	0.0	69.2	66	69.2	10	Snd Lvl	69.2	0.0	8	-8.0
M5-5	38	1	0.0	69.0	66	69.0	10	Snd Lvl	69.0	0.0	8	-8.0
M5-6	39	1	0.0	69.1	66	69.1	10	Snd Lvl	69.1	0.0	8	-8.0
M6-1	40	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
M6-2	41	1	0.0	60.9	66	60.9	10	----	60.9	0.0	8	-8.0
M6-3	42	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0
M6-4	43	1	0.0	62.4	66	62.4	10	----	62.4	0.0	1	-8.0
M6-5	44	1	0.0	62.3	66	62.3	10	----	62.3	0.0	8	-8.0
M6-6	45	1	0.0	62.2	66	62.2	10	----	62.2	0.0	8	-8.0
M7-1	46	1	0.0	50.5	66	50.5	10	----	50.5	0.0	8	-8.0
M7-2	48	1	0.0	51.3	66	51.3	10	----	51.3	0.0	8	-8.0
M7-3	49	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
M7-4	50	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
M7-5	52	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
M7-6	53	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
M8-1	54	1	0.0	65.3	66	65.3	10	----	65.3	0.0	8	-8.0
M8-2	56	1	0.0	64.6	66	64.6	10	----	64.6	0.0	8	-8.0
M8-3	57	1	0.0	64.4	66	64.4	10	----	64.4	0.0	8	-8.0
M8-4	58	1	0.0	64.3	66	64.3	10	----	64.3	0.0	8	-8.0
M8-5	59	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
M8-6	60	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
M9-1	62	1	0.0	44.9	66	44.9	10	----	44.9	0.0	8	-8.0
M9-2	63	1	0.0	47.9	66	47.9	10	----	47.9	0.0	8	-8.0
M9-3	64	1	0.0	48.2	66	48.2	10	----	48.2	0.0	8	-8.0
M9-4	65	1	0.0	48.3	66	48.3	10	----	48.3	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		57	0.0	0.0	0.0							
All Impacted		19	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: ROADWAYS
Pacific Coast Commons

Dudek											
CB											
INPUT: ROADWAYS				22 June 2020							
PROJECT/CONTRACT:				TNM 2.5							
RUN:											
Pacific Coast Commons											
Future											
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA											
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

INPUT: ROADWAYS
Pacific Coast Commons

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,685.1	12,318,094.0	0.00				Average	
		point113	113	1,216,679.6	12,317,596.0	0.00				Average	
		point114	114	1,216,674.2	12,317,417.0	0.00				Average	
		point115	115	1,216,673.6	12,317,396.0	0.00				Average	
		point116	116	1,216,664.6	12,317,097.0	0.00				Average	
		point117	117	1,216,666.9	12,316,873.0	0.00				Average	
		point118	118	1,216,669.8	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

INPUT: ROADWAYS
Pacific Coast Commons

		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

Dudek												
CB												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	Pacific Coast Commons											
RUN:	Future											
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos									
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
East Mariposa Avenue	point30	30	1231	40	25	40	12	40	0	0	0	0
	point31	31	1231	40	25	40	12	40	0	0	0	0
	point32	32	1231	40	25	40	12	40	0	0	0	0
	point33	33	1231	40	25	40	12	40	0	0	0	0
	point34	34	1231	40	25	40	12	40	0	0	0	0
	point35	35	1231	40	25	40	12	40	0	0	0	0
	point36	36	1231	40	25	40	12	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	55	25	1	25	0	0	0	0	0	0
	point76	76	55	25	1	25	0	0	0	0	0	0
	point77	77	55	25	1	25	0	0	0	0	0	0
	point78	78	55	25	1	25	0	0	0	0	0	0
	point79	79	55	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	785	25	16	25	8	25	0	0	0	0
	point82	82	785	25	16	25	8	25	0	0	0	0
	point83	83	785	25	16	25	8	25	0	0	0	0
	point84	84	785	25	16	25	8	25	0	0	0	0
	point85	85	785	25	16	25	8	25	0	0	0	0
	point86	86	785	25	16	25	8	25	0	0	0	0
	point87	87	785	25	16	25	8	25	0	0	0	0
	point88	88	785	25	16	25	8	25	0	0	0	0
	point89	89	785	25	16	25	8	25	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

	point90	90	785	25	16	25	8	25	0	0	0	0
	point91	91	785	25	16	25	8	25	0	0	0	0
	point92	92	785	25	16	25	8	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	134	25	2	25	1	25	0	0	0	0
	point113	113	134	25	2	25	1	25	0	0	0	0
	point114	114	134	25	2	25	1	25	0	0	0	0
	point115	115	134	25	2	25	1	25	0	0	0	0
	point116	116	134	25	2	25	1	25	0	0	0	0
	point117	117	134	25	2	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2661	35	65	35	27	35	0	0	0	0
	point50	50	2661	35	65	35	27	35	0	0	0	0
	point51	51	2661	35	65	35	27	35	0	0	0	0
	point52	52	2661	35	65	35	27	35	0	0	0	0
	point54	54	2661	35	65	35	27	35	0	0	0	0
	point55	55	2661	35	65	35	27	35	0	0	0	0
	point56	56	2661	35	65	35	27	35	0	0	0	0
	point63	63	2661	35	65	35	27	35	0	0	0	0
	point58	58	2661	35	65	35	27	35	0	0	0	0
	point59	59	2661	35	65	35	27	35	0	0	0	0
	point60	60	2661	35	65	35	27	35	0	0	0	0
	point64	64	2661	35	65	35	27	35	0	0	0	0
	point65	65	2661	35	65	35	27	35	0	0	0	0
	point66	66	2661	35	65	35	27	35	0	0	0	0
	point68	68										
PCH North	point45	45	2661	35	54	35	27	35	0	0	0	0
	point46	46	2661	35	54	35	27	35	0	0	0	0
	point43	43	2661	35	54	35	27	35	0	0	0	0
	point47	47	2661	35	54	35	27	35	0	0	0	0
	point42	42	2661	35	54	35	27	35	0	0	0	0
	point41	41	2661	35	54	35	27	35	0	0	0	0
	point38	38	2661	35	54	35	27	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2759	35	56	35	28	35	0	0	0	0
	point8	8	2759	35	56	35	28	35	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

	point9	9	2759	35	56	35	28	35	0	0	0	0
	point10	10	2759	35	56	35	28	35	0	0	0	0
	point11	11	2759	35	56	35	28	35	0	0	0	0
	point12	12	2759	35	56	35	28	35	0	0	0	0
	point13	13	2759	35	56	35	28	35	0	0	0	0
	point14	14	2759	35	56	35	28	35	0	0	0	0
	point16	16	2759	35	56	35	28	35	0	0	0	0
	point17	17	2759	35	56	35	28	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2759	35	56	35	28	35	0	0	0	0
	point21	21	2759	35	56	35	28	35	0	0	0	0
	point19	19	2759	35	56	35	28	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2755	35	56	35	28	35	0	0	0	0
	point69	69	2755	35	56	35	28	35	0	0	0	0
	point70	70	2755	35	56	35	28	35	0	0	0	0
	point72	72	2755	35	56	35	28	35	0	0	0	0
	point73	73	2755	35	56	35	28	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2755	35	56	35	28	35	0	0	0	0
	point28	28	2755	35	56	35	28	35	0	0	0	0
	point25	25	2755	35	56	35	28	35	0	0	0	0
	point23	23										

INPUT: RECEIVERS
Pacific Coast Commons

Dudek							22 June 2020				
CB							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:	Pacific Coast Commons										
RUN:	Future										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y

INPUT: BARRIERS

Pacific Coast Commons

Dudek					22 June 2020														
CB					TNM 2.5														
INPUT: BARRIERS																			
PROJECT/CONTRACT:		Pacific Coast Commons																	
RUN:		Future																	
Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	\$ per Unit	\$ per Unit	Top Width	Run:Rise	\$ per Unit			X	Y	Z	at Point	Seg Ht	Perturbs	On	Important	
				Area	Vol.			Length							Incre-	#Up	#Dn	Struct?	
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft			ft	ft	ft	ft	ft			Reflec-	
Barrier12	W	0.00	99.99	0.00				0.00	point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0		
									point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0		
									point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0		
									point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0		
									point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0		
									point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0		
									point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0		
									point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point87	87	1,216,702.6	12,317,551.0	0.00	95.00					
Barrier13	W	0.00	99.99	0.00				0.00	point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0		
									point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0		
									point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0		
									point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0		
									point93	93	1,216,849.1	12,318,180.0	0.00	15.00					
Barrier16	W	0.00	99.99	0.00				0.00	point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0		
									point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0		
									point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0		
									point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0		
									point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0		
									point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0		
									point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0		
									point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0		
									point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0		
									point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0		
									point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0		
									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0		
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00					
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,725.8	12,317,602.0	0.00	95.00	0.00	0	0		
									point123	123	1,216,705.5	12,317,600.0	0.00	95.00	0.00	0	0		
									point124	124	1,216,704.8	12,317,612.0	0.00	95.00	0.00	0	0		

INPUT: BARRIERS

Pacific Coast Commons

									point125	125	1,216,699.9	12,317,612.0	0.00	95.00	0.00	0	0		
									point126	126	1,216,705.8	12,317,927.0	0.00	95.00	0.00	0	0		
									point127	127	1,216,709.9	12,317,926.0	0.00	95.00	0.00	0	0		
									point128	128	1,216,710.9	12,317,932.0	0.00	95.00	0.00	0	0		
									point129	129	1,216,733.0	12,317,933.0	0.00	95.00	0.00	0	0		
									point130	130	1,216,727.4	12,317,598.0	0.00	95.00					
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0		
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0		
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0		
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0		
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0		
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0		
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00					
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0		
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0		
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0		
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00					

RESULTS: SOUND LEVELS
Pacific Coast Commons

Dudek CB													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:													
RUN:													
BARRIER DESIGN:													
ATMOSPHERICS:													
Receiver													
Name	No.	#DUs	Existing	No Barrier						With Barrier			
			LAeq1h	LAeq1h			Increase over existing	Type	Calculated	Noise Reduction			
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated	
							Sub'l Inc					minus	
												Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
ST1	1	1	0.0	59.5	66	59.5	10	----	59.5	0.0	8	-8.0	
ST2	2	1	0.0	55.2	66	55.2	10	----	55.2	0.0	8	-8.0	
ST3	3	1	0.0	70.3	66	70.3	10	Snd Lvl	70.3	0.0	8	-8.0	
ST4	4	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0	
ST5	5	1	0.0	59.8	66	59.8	10	----	59.8	0.0	8	-8.0	
ST6	6	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		6	0.0	0.0	0.0								
All Impacted		2	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

INPUT: ROADWAYS
Pacific Coast Commons

Dudek											
CB											
INPUT: ROADWAYS							Average pavement type shall be used unless				
PROJECT/CONTRACT:	Pacific Coast Commons						a State highway agency substantiates the use				
RUN:	Future + Project						of a different type with the approval of FHWA				
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

INPUT: ROADWAYS
Pacific Coast Commons

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,683.5	12,318,094.0	0.00				Average	
		point113	113	1,216,673.8	12,317,596.0	0.00				Average	
		point114	114	1,216,672.6	12,317,417.0	0.00				Average	
		point115	115	1,216,672.9	12,317,396.0	0.00				Average	
		point116	116	1,216,663.0	12,317,097.0	0.00				Average	
		point117	117	1,216,665.2	12,316,873.0	0.00				Average	
		point118	118	1,216,668.1	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

INPUT: ROADWAYS
Pacific Coast Commons

		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

Dudek												
CB												
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	Pacific Coast Commons											
RUN:	Future + Project											
Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
East Mariposa Avenue	point30	30	1233	40	25	40	12	40	0	0	0	0
	point31	31	1233	40	25	40	12	40	0	0	0	0
	point32	32	1233	40	25	40	12	40	0	0	0	0
	point33	33	1233	40	25	40	12	40	0	0	0	0
	point34	34	1233	40	25	40	12	40	0	0	0	0
	point35	35	1233	40	25	40	12	40	0	0	0	0
	point36	36	1233	40	25	40	12	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	82	25	1	25	0	0	0	0	0	0
	point76	76	82	25	1	25	0	0	0	0	0	0
	point77	77	82	25	1	25	0	0	0	0	0	0
	point78	78	82	25	1	25	0	0	0	0	0	0
	point79	79	82	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	857	25	17	25	8	25	0	0	0	0
	point82	82	857	25	17	25	8	25	0	0	0	0
	point83	83	857	25	17	25	8	25	0	0	0	0
	point84	84	857	25	17	25	8	25	0	0	0	0
	point85	85	857	25	17	25	8	25	0	0	0	0
	point86	86	857	25	17	25	8	25	0	0	0	0
	point87	87	857	25	17	25	8	25	0	0	0	0
	point88	88	857	25	17	25	8	25	0	0	0	0
	point89	89	857	25	17	25	8	25	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

	point90	90	857	25	17	25	8	25	0	0	0	0
	point91	91	857	25	17	25	8	25	0	0	0	0
	point92	92	857	25	17	25	8	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	171	25	3	25	1	25	0	0	0	0
	point113	113	171	25	3	25	1	25	0	0	0	0
	point114	114	171	25	3	25	1	25	0	0	0	0
	point115	115	171	25	3	25	1	25	0	0	0	0
	point116	116	171	25	3	25	1	25	0	0	0	0
	point117	117	171	25	3	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2542	35	52	35	26	35	0	0	0	0
	point50	50	2542	35	52	35	26	35	0	0	0	0
	point51	51	2542	35	52	35	26	35	0	0	0	0
	point52	52	2542	35	52	35	26	35	0	0	0	0
	point54	54	2542	35	52	35	26	35	0	0	0	0
	point55	55	2542	35	52	35	26	35	0	0	0	0
	point56	56	2542	35	52	35	26	35	0	0	0	0
	point63	63	2542	35	52	35	26	35	0	0	0	0
	point58	58	2542	35	52	35	26	35	0	0	0	0
	point59	59	2542	35	52	35	26	35	0	0	0	0
	point60	60	2542	35	52	35	26	35	0	0	0	0
	point64	64	2542	35	52	35	26	35	0	0	0	0
	point65	65	2542	35	52	35	26	35	0	0	0	0
	point66	66	2542	35	52	35	26	35	0	0	0	0
	point68	68										
PCH North	point45	45	2542	35	52	35	26	35	0	0	0	0
	point46	46	2542	35	52	35	26	35	0	0	0	0
	point43	43	2542	35	52	35	26	35	0	0	0	0
	point47	47	2542	35	52	35	26	35	0	0	0	0
	point42	42	2542	35	52	35	26	35	0	0	0	0
	point41	41	2542	35	52	35	26	35	0	0	0	0
	point38	38	2542	35	52	35	26	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2810	35	58	35	29	35	0	0	0	0
	point8	8	2810	35	58	35	29	35	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
Pacific Coast Commons

	point9	9	2810	35	58	35	29	35	0	0	0	0
	point10	10	2810	35	58	35	29	35	0	0	0	0
	point11	11	2810	35	58	35	29	35	0	0	0	0
	point12	12	2810	35	58	35	29	35	0	0	0	0
	point13	13	2810	35	58	35	29	35	0	0	0	0
	point14	14	2810	35	58	35	29	35	0	0	0	0
	point16	16	2810	35	58	35	29	35	0	0	0	0
	point17	17	2810	35	58	35	29	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2810	35	58	35	29	35	0	0	0	0
	point21	21	2810	35	58	35	29	35	0	0	0	0
	point19	19	2810	35	58	35	29	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2792	35	57	35	28	35	0	0	0	0
	point69	69	2792	35	57	35	28	35	0	0	0	0
	point70	70	2792	35	57	35	28	35	0	0	0	0
	point72	72	2792	35	57	35	28	35	0	0	0	0
	point73	73	2792	35	57	35	28	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2792	35	57	35	28	35	0	0	0	0
	point28	28	2792	35	57	35	28	35	0	0	0	0
	point25	25	2792	35	57	35	28	35	0	0	0	0
	point23	23										

INPUT: RECEIVERS
Pacific Coast Commons

Dudek											
CB											
INPUT: RECEIVERS											
PROJECT/CONTRACT:	Pacific Coast Commons										
RUN:	Future + Project										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-1	9	1	1,216,702.8	12,317,207.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-2	10	1	1,216,702.8	12,317,207.0	0.00	14.92	0.00	66	10.0	8.0	Y
M1-3	11	1	1,216,702.8	12,317,207.0	0.00	24.92	0.00	66	10.0	8.0	Y
M1-4	12	1	1,216,702.8	12,317,207.0	0.00	34.92	0.00	66	10.0	8.0	Y
M1-5	13	1	1,216,702.8	12,317,207.0	0.00	44.92	0.00	66	10.0	8.0	Y
M1-6	14	1	1,216,702.8	12,317,207.0	0.00	54.92	0.00	66	10.0	8.0	Y
M2-1	15	1	1,216,780.9	12,317,150.0	0.00	4.92	0.00	66	10.0	8.0	Y
M2-2	16	1	1,216,780.9	12,317,150.0	0.00	14.92	0.00	66	10.0	8.0	Y
M2-3	17	1	1,216,780.9	12,317,150.0	0.00	24.92	0.00	66	10.0	8.0	Y
M2-4	18	1	1,216,780.9	12,317,150.0	0.00	34.92	0.00	66	10.0	8.0	Y
M2-5	19	1	1,216,780.9	12,317,150.0	0.00	44.92	0.00	66	10.0	8.0	Y
M2-6	20	1	1,216,780.9	12,317,150.0	0.00	54.92	0.00	66	10.0	8.0	Y
M3-1	21	1	1,216,913.8	12,317,249.0	0.00	4.92	0.00	66	10.0	8.0	Y
M3-2	22	1	1,216,913.8	12,317,249.0	0.00	14.92	0.00	66	10.0	8.0	Y
M3-3	23	1	1,216,913.8	12,317,249.0	0.00	24.92	0.00	66	10.0	8.0	Y
M3-4	26	1	1,216,913.8	12,317,249.0	0.00	34.92	0.00	66	10.0	8.0	Y

INPUT: RECEIVERS**Pacific Coast Commons**

M3-5	27	1	1,216,913.8	12,317,249.0	0.00	44.92	0.00	66	10.0	8.0	Y
M3-6	28	1	1,216,913.8	12,317,249.0	0.00	54.92	0.00	66	10.0	8.0	Y
M4-1	29	1	1,216,915.8	12,317,982.0	0.00	4.92	0.00	66	10.0	8.0	Y
M4-2	30	1	1,216,915.8	12,317,982.0	0.00	14.92	0.00	66	10.0	8.0	Y
M4-3	31	1	1,216,915.8	12,317,982.0	0.00	24.92	0.00	66	10.0	8.0	Y
M4-4	32	1	1,216,915.8	12,317,982.0	0.00	34.92	0.00	66	10.0	8.0	Y
M4-5	33	1	1,216,915.8	12,317,982.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-1	34	1	1,216,910.4	12,318,346.0	0.00	4.92	0.00	66	10.0	8.0	Y
M5-2	35	1	1,216,910.4	12,318,346.0	0.00	14.92	0.00	66	10.0	8.0	Y
M5-3	36	1	1,216,910.4	12,318,346.0	0.00	24.92	0.00	66	10.0	8.0	Y
M5-4	37	1	1,216,910.4	12,318,346.0	0.00	34.92	0.00	66	10.0	8.0	Y
M5-5	38	1	1,216,910.4	12,318,346.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-6	39	1	1,216,910.4	12,318,346.0	0.00	54.92	0.00	66	10.0	8.0	Y
M6-1	40	1	1,216,807.2	12,318,423.0	0.00	4.92	0.00	66	10.0	8.0	Y
M6-2	41	1	1,216,807.2	12,318,423.0	0.00	14.92	0.00	66	10.0	8.0	Y
M6-3	42	1	1,216,807.2	12,318,423.0	0.00	24.92	0.00	66	10.0	8.0	Y
M6-4	43	1	1,216,807.2	12,318,423.0	0.00	34.92	0.00	66	10.0	8.0	Y
M6-5	44	1	1,216,807.2	12,318,423.0	0.00	44.92	0.00	66	10.0	8.0	Y
M6-6	45	1	1,216,807.2	12,318,423.0	0.00	54.92	0.00	66	10.0	8.0	Y
M7-1	46	1	1,216,684.2	12,318,283.0	0.00	4.92	0.00	66	10.0	8.0	Y
M7-2	66	1	1,216,684.2	12,318,283.0	0.00	14.92	0.00	66	10.0	8.0	Y
M7-3	49	1	1,216,684.2	12,318,283.0	0.00	24.92	0.00	66	10.0	8.0	Y
M7-4	50	1	1,216,684.2	12,318,283.0	0.00	34.92	0.00	66	10.0	8.0	Y
M7-5	52	1	1,216,684.2	12,318,283.0	0.00	44.92	0.00	66	10.0	8.0	Y
M7-6	53	1	1,216,684.2	12,318,283.0	0.00	54.92	0.00	66	10.0	8.0	Y
M8-1	54	1	1,216,744.5	12,318,126.0	0.00	4.92	0.00	66	10.0	8.0	Y
M8-2	56	1	1,216,744.5	12,318,126.0	0.00	14.92	0.00	66	10.0	8.0	Y
M8-3	57	1	1,216,744.5	12,318,126.0	0.00	24.92	0.00	66	10.0	8.0	Y
M8-4	58	1	1,216,744.5	12,318,126.0	0.00	34.92	0.00	66	10.0	8.0	Y
M8-5	59	1	1,216,744.5	12,318,126.0	0.00	44.92	0.00	66	10.0	8.0	Y
M8-6	60	1	1,216,744.5	12,318,126.0	0.00	54.92	0.00	66	10.0	8.0	Y
M9-1	62	1	1,216,680.9	12,318,507.0	0.00	4.92	0.00	66	10.0	8.0	Y
M9-2	63	1	1,216,680.9	12,318,507.0	0.00	14.92	0.00	66	10.0	8.0	Y
M9-3	64	1	1,216,680.9	12,318,507.0	0.00	24.92	0.00	66	10.0	8.0	Y
M9-4	65	1	1,216,680.9	12,318,507.0	0.00	34.92	0.00	66	10.0	8.0	Y

INPUT: BARRIERS

Pacific Coast Commons

Dudek					22 June 2020														
CB					TNM 2.5														
INPUT: BARRIERS																			
PROJECT/CONTRACT:				Pacific Coast Commons															
RUN:				Future + Project															
Barrier										Points									
Name	Type	Height		If Wall	If Berm			Add'tnl		Name	No.	Coordinates	(bottom)		Height	Segment			
		Min	Max	\$ per Unit Area	\$ per Unit Vol.	Top Width	Run:Rise	\$ per Unit Length				X	Y	Z	at Point	Seg Ht	Perturbs	On	Important
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft				ft	ft	ft	ft	ft	#Up	#Dn	Reflec-tions?
Barrier10	W	0.00	99.99	0.00				0.00		point60	60	1,216,706.2	12,318,437.0	0.00	45.00	0.00	0	0	
										point61	61	1,216,683.4	12,318,438.0	0.00	45.00	0.00	0	0	
										point62	62	1,216,688.1	12,318,587.0	0.00	45.00	0.00	0	0	
										point63	63	1,216,713.4	12,318,587.0	0.00	45.00	0.00	0	0	
										point64	64	1,216,706.2	12,318,437.0	0.00	45.00				
Barrier12	W	0.00	99.99	0.00				0.00		point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0	
										point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0	
										point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0	
										point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0	
										point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0	
										point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0	
										point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0	
										point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0	
										point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0	
										point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0	
										point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0	
										point87	87	1,216,702.6	12,317,551.0	0.00	95.00				
Barrier13	W	0.00	99.99	0.00				0.00		point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0	
										point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0	
										point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0	
										point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0	
										point93	93	1,216,849.1	12,318,180.0	0.00	15.00				
Barrier16	W	0.00	99.99	0.00				0.00		point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0	
										point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0	
										point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0	
										point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0	
										point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0	
										point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0	
										point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0	
										point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0	
										point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0	
										point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0	
										point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0	
										point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0	
										point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0	

INPUT: BARRIERS

Pacific Coast Commons

									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0		
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00					
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,720.6	12,317,604.0	0.00	95.00	0.00	0	0		
									point123	123	1,216,700.4	12,317,602.0	0.00	95.00	0.00	0	0		
									point124	124	1,216,699.6	12,317,614.0	0.00	95.00	0.00	0	0		
									point125	125	1,216,694.8	12,317,614.0	0.00	95.00	0.00	0	0		
									point126	126	1,216,700.6	12,317,929.0	0.00	95.00	0.00	0	0		
									point127	127	1,216,704.8	12,317,928.0	0.00	95.00	0.00	0	0		
									point128	128	1,216,705.8	12,317,934.0	0.00	95.00	0.00	0	0		
									point129	129	1,216,727.9	12,317,935.0	0.00	95.00	0.00	0	0		
									point130	130	1,216,722.2	12,317,600.0	0.00	95.00					
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0		
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0		
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0		
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0		
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0		
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0		
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00					
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0		
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0		
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0		
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00					
Barrier20	W	0.00	99.99	0.00				0.00	point144	144	1,216,912.9	12,317,921.0	0.00	52.00	0.00	0	0		
									point145	145	1,216,789.2	12,317,919.0	0.00	52.00	0.00	0	0		
									point146	146	1,216,788.5	12,317,935.0	0.00	52.00	0.00	0	0		
									point147	147	1,216,705.2	12,317,938.0	0.00	52.00	0.00	0	0		
									point148	148	1,216,706.8	12,318,082.0	0.00	52.00	0.00	0	0		
									point149	149	1,216,876.4	12,318,082.0	0.00	52.00	0.00	0	0		
									point150	150	1,216,876.5	12,318,063.0	0.00	52.00	0.00	0	0		
									point151	151	1,216,915.6	12,318,062.0	0.00	52.00	0.00	0	0		
									point152	152	1,216,912.5	12,317,923.0	0.00	52.00					
Barrier22	W	0.00	99.99	0.00				0.00	point153	153	1,216,795.4	12,318,129.0	0.00	60.00	0.00	0	0		
									point154	154	1,216,796.1	12,318,276.0	0.00	60.00	0.00	0	0		
									point155	155	1,216,908.1	12,318,278.0	0.00	60.00	0.00	0	0		
									point156	156	1,216,907.6	12,318,418.0	0.00	60.00	0.00	0	0		
									point157	157	1,216,690.8	12,318,421.0	0.00	60.00	0.00	0	0		
									point158	158	1,216,684.5	12,318,129.0	0.00	60.00	0.00	0	0		
									point159	159	1,216,795.4	12,318,129.0	0.00	60.00					
Barrier23	W	0.00	99.99	0.00				0.00	point160	160	1,216,691.8	12,317,390.0	0.00	60.00	0.00	0	0		
									point161	161	1,216,689.8	12,317,271.0	0.00	60.00	0.00	0	0		
									point162	162	1,216,705.8	12,317,270.0	0.00	60.00	0.00	0	0		
									point163	163	1,216,706.0	12,317,154.0	0.00	60.00	0.00	0	0		
									point164	164	1,216,858.6	12,317,150.0	0.00	60.00	0.00	0	0		
									point165	165	1,216,858.6	12,317,170.0	0.00	60.00	0.00	0	0		
									point166	166	1,216,876.2	12,317,170.0	0.00	60.00	0.00	0	0		
									point167	167	1,216,876.0	12,317,157.0	0.00	60.00	0.00	0	0		
									point168	168	1,216,909.4	12,317,157.0	0.00	60.00	0.00	0	0		
									point169	169	1,216,913.6	12,317,342.0	0.00	60.00	0.00	0	0		
									point170	170	1,216,900.9	12,317,342.0	0.00	60.00	0.00	0	0		

INPUT: BARRIERS

Pacific Coast Commons

									point171	171	1,216,900.2	12,317,389.0	0.00	60.00	0.00	0	0		
									point172	172	1,216,691.8	12,317,390.0	0.00	60.00					

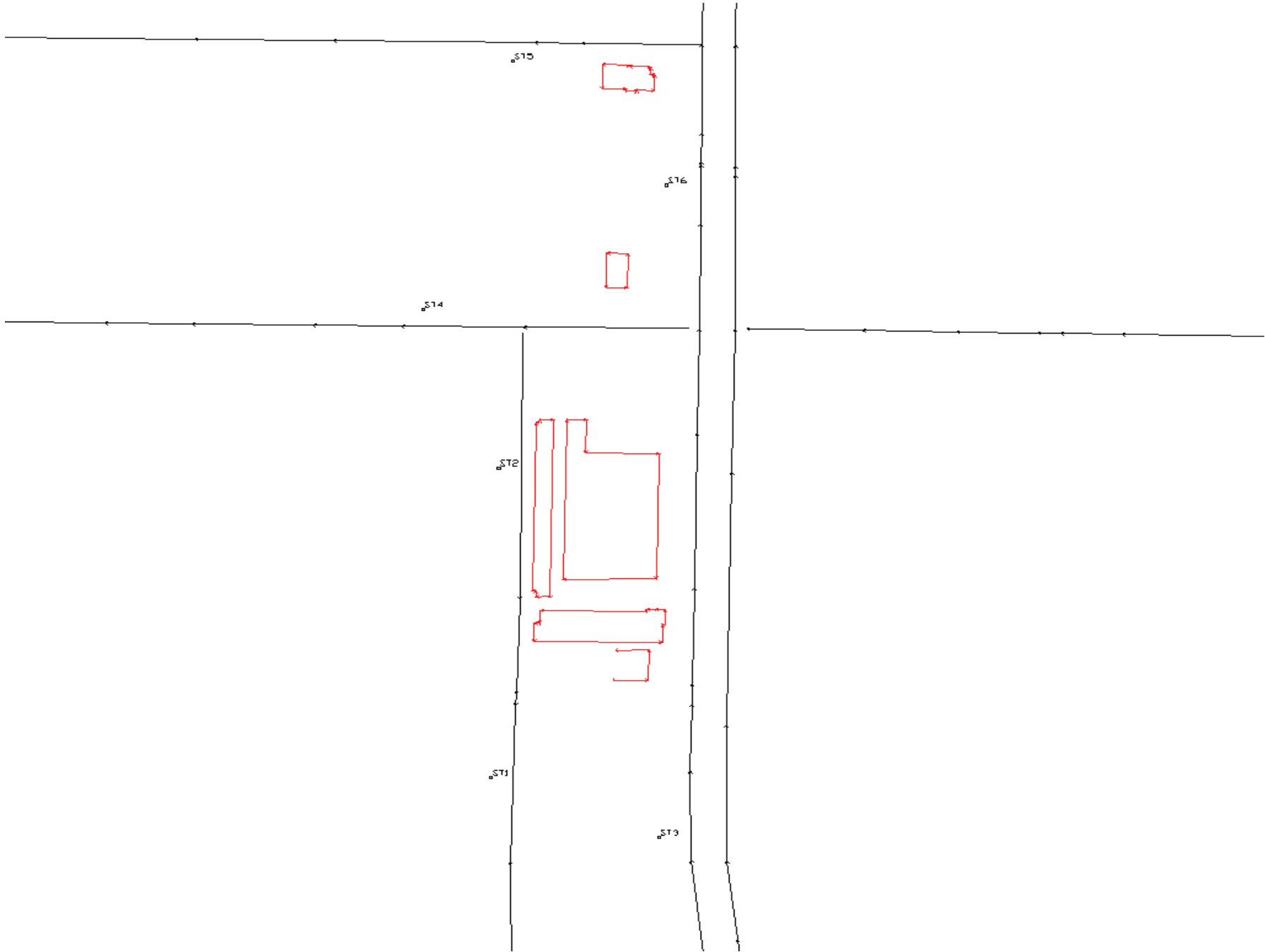
RESULTS: SOUND LEVELS
Pacific Coast Commons

Dudek CB													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:													
RUN:													
BARRIER DESIGN:													
ATMOSPHERICS:													
Receiver													
Name	No.	#DUs	Existing	No Barrier					With Barrier				
			LAeq1h	LAeq1h			Increase over existing	Type	Calculated	Noise Reduction			
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated	
							Sub'l Inc					minus	
												Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
ST1	1	1	0.0	55.5	66	55.5	10	----	55.5	0.0	8	-8.0	
ST2	2	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0	
ST3	3	1	0.0	68.7	66	68.7	10	Snd Lvl	68.7	0.0	8	-8.0	
ST4	4	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0	
ST5	5	1	0.0	58.5	66	58.5	10	----	58.5	0.0	8	-8.0	
ST6	6	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0	
M1-1	9	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0	
M1-2	10	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0	
M1-3	11	1	0.0	54.0	66	54.0	10	----	54.0	0.0	8	-8.0	
M1-4	12	1	0.0	53.8	66	53.8	10	----	53.8	0.0	8	-8.0	
M1-5	13	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0	
M1-6	14	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0	
M2-1	15	1	0.0	61.1	66	61.1	10	----	61.1	0.0	8	-8.0	
M2-2	16	1	0.0	61.6	66	61.6	10	----	61.6	0.0	8	-8.0	
M2-3	17	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0	
M2-4	18	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0	
M2-5	19	1	0.0	61.9	66	61.9	10	----	61.9	0.0	8	-8.0	
M2-6	20	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0	
M3-1	21	1	0.0	71.7	66	71.7	10	Snd Lvl	71.7	0.0	8	-8.0	
M3-2	22	1	0.0	71.4	66	71.4	10	Snd Lvl	71.4	0.0	8	-8.0	
M3-3	23	1	0.0	71.1	66	71.1	10	Snd Lvl	71.1	0.0	8	-8.0	
M3-4	26	1	0.0	70.9	66	70.9	10	Snd Lvl	70.9	0.0	8	-8.0	
M3-5	27	1	0.0	70.6	66	70.6	10	Snd Lvl	70.6	0.0	8	-8.0	
M3-6	28	1	0.0	70.5	66	70.5	10	Snd Lvl	70.5	0.0	8	-8.0	

RESULTS: SOUND LEVELS
Pacific Coast Commons

M4-1	29	1	0.0	70.8	66	70.8	10	Snd Lvl	70.8	0.0	8	-8.0
M4-2	30	1	0.0	70.7	66	70.7	10	Snd Lvl	70.7	0.0	8	-8.0
M4-3	31	1	0.0	70.4	66	70.4	10	Snd Lvl	70.4	0.0	8	-8.0
M4-4	32	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M4-5	33	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M5-1	34	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M5-2	35	1	0.0	70.3	66	70.3	10	Snd Lvl	70.3	0.0	8	-8.0
M5-3	36	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M5-4	37	1	0.0	69.9	66	69.9	10	Snd Lvl	69.9	0.0	8	-8.0
M5-5	38	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M5-6	39	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M6-1	40	1	0.0	61.1	66	61.1	10	----	61.1	0.0	8	-8.0
M6-2	41	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
M6-3	42	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
M6-4	43	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0
M6-5	44	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0
M6-6	45	1	0.0	62.8	66	62.8	10	----	62.8	0.0	8	-8.0
M7-1	46	1	0.0	50.6	66	50.6	10	----	50.6	0.0	8	-8.0
M7-2	48	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
M7-3	49	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
M7-4	50	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
M7-5	52	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
M7-6	53	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
M8-1	54	1	0.0	65.5	66	65.5	10	----	65.5	0.0	8	-8.0
M8-2	56	1	0.0	64.8	66	64.8	10	----	64.8	0.0	8	-8.0
M8-3	57	1	0.0	64.7	66	64.7	10	----	64.7	0.0	8	-8.0
M8-4	58	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
M8-5	59	1	0.0	64.7	66	64.7	10	----	64.7	0.0	8	-8.0
M8-6	60	1	0.0	64.7	66	64.7	10	----	64.7	0.0	8	-8.0
M9-1	62	1	0.0	45.0	66	45.0	10	----	45.0	0.0	8	-8.0
M9-2	63	1	0.0	48.1	66	48.1	10	----	48.1	0.0	8	-8.0
M9-3	64	1	0.0	48.4	66	48.4	10	----	48.4	0.0	8	-8.0
M9-4	65	1	0.0	48.5	66	48.5	10	----	48.5	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		57	0.0	0.0	0.0							
All Impacted		19	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

Appendix B: TNM Calibration Receivers



Modeled Receiver Locations

