

Appendix E

**Sunset Canyon Recreation Replacement Building Project
Noise Data
Urban Crossroads, Inc.**

15134 - UCLA Sunset Canyon

CadnaA Noise Prediction Model: 15134-02_Construction.cna

Date: 21.04.23

Analyst: B. Maddux

Calculation Configuration

Configuration	
Parameter	Value
General	
Max. Error (dB)	0.00
Max. Search Radius #(Unit,LEN)	2000.01
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section #(Unit,LEN)	999.99
Min. Length of Section #(Unit,LEN)	1.01
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Reference Time Day (min)	960.00
Reference Time Night (min)	480.00
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	5.00
Night-time Penalty (dB)	10.00
DTM	
Standard Height (m)	0.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rcvr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Incl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature #(Unit,TEMP)	10
rel. Humidity (%)	70
Ground Absorption G	0.50
Wind Speed for Dir. #(Unit,SPEED)	3.0
Roads (TNM)	
Railways (FTA/FRA)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver Noise Levels

Name	M.	ID	Level Lr			Limit. Value			Land Use			Height	Coordinates		
			Day	Night	CNEL	Day	Night	CNEL	Type	Auto	Noise Type		X	Y	Z
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(ft)	(ft)	(ft)	(ft)
R1		R1	56.7	-43.3	53.7	0.0	0.0	0.0	x	Total	5.00	a	5895345.72	2342224.92	5.00
R2		R2	56.9	-43.1	53.8	0.0	0.0	0.0	x	Total	5.00	a	5895559.52	2341848.40	5.00
R3		R3	67.7	-32.3	64.6	0.0	0.0	0.0	x	Total	5.00	a	5894787.37	2341504.50	5.00
R4		R4	51.3	-48.7	48.3	0.0	0.0	0.0	x	Total	5.00	a	5893712.21	2341513.03	5.00

Point Source(s)

Name	M.	ID	Result. PWL			Lw / Li			Operating Time			Height	Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Special	Night		X	Y	Z
			(dBA)	(dBA)	(dBA)		dB(A)	(min)	(min)	(min)	(ft)	(ft)	(ft)	(ft)	

Line Source(s)

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Operating Time			Moving Pt. Src			Height
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	Number	Speed		
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)		dB(A)	(min)	(min)	(min)	Day	Evening	Night	(mph)	(ft)

Name	ID	Height		Coordinates			
		Begin	End	x	y	z	Ground
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Area Source(s)

Urban Crossroads, Inc.

Name	M.	ID	Result. PWL			Result. PWL"			Lw / Li			Operating Time			Height	
			Day (dBA)	Evening (dBA)	Night (dBA)	Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	norm. dB(A)	Day (min)	Special (min)	Night (min)	(ft)	
CONSTRUCTION		CONSTRUCTION1	114.8	14.8	14.8	79.5	-20.5	-20.5	PWL-Pt	114.8					8	r

Name	ID	Height		Coordinates			
		Begin (ft)	End (ft)	x (ft)	y (ft)	z (ft)	Ground (ft)
CONSTRUCTION	CONSTRUCTION1	8.00	r	5894832.10	2341776.31	8.00	0.00
				5894895.68	2341786.94	8.00	0.00
				5894900.67	2341787.59	8.00	0.00
				5894952.32	2341833.38	8.00	0.00
				5894961.65	2341822.96	8.00	0.00
				5894985.96	2341830.34	8.00	0.00
				5894997.24	2341833.38	8.00	0.00
				5895005.06	2341835.33	8.00	0.00
				5895014.17	2341837.07	8.00	0.00
				5895021.11	2341837.29	8.00	0.00
				5895026.54	2341837.50	8.00	0.00
				5895030.23	2341836.64	8.00	0.00
				5895033.27	2341834.68	8.00	0.00
				5895036.09	2341832.08	8.00	0.00
				5895038.26	2341828.61	8.00	0.00
				5895039.34	2341824.70	8.00	0.00
				5895039.56	2341819.93	8.00	0.00
				5895038.04	2341815.80	8.00	0.00
				5895033.92	2341809.29	8.00	0.00
				5895029.58	2341801.70	8.00	0.00
				5895027.62	2341794.75	8.00	0.00
				5895026.97	2341789.33	8.00	0.00
				5895026.11	2341783.25	8.00	0.00
				5895027.41	2341774.14	8.00	0.00
				5895028.06	2341769.36	8.00	0.00
				5895030.23	2341763.50	8.00	0.00
				5895033.27	2341758.51	8.00	0.00
				5895038.69	2341752.00	8.00	0.00
				5895045.64	2341746.58	8.00	0.00
				5894995.72	2341657.60	8.00	0.00
				5894958.61	2341657.38	8.00	0.00
				5894948.63	2341639.80	8.00	0.00
				5894939.30	2341639.80	8.00	0.00
				5894934.96	2341631.77	8.00	0.00
				5894925.41	2341631.56	8.00	0.00
				5894921.72	2341623.53	8.00	0.00
				5894910.65	2341623.31	8.00	0.00
				5894890.69	2341590.28	8.00	0.00
				5894850.76	2341589.93	8.00	0.00
				5894838.95	2341569.10	8.00	0.00
				5894821.24	2341578.82	8.00	0.00
				5894814.73	2341567.71	8.00	0.00
				5894785.05	2341567.19	8.00	0.00
				5894852.76	2341683.86	8.00	0.00
				5894847.03	2341687.50	8.00	0.00

Barrier(s)

Name	Sel.	M.	ID	Absorption		Z-Ext.	Cantilever			Height		Coordinates			
				left	right		horz.	vert.	Begin	End	x	y	z	Ground	
						(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Building(s)

Name	Sel.	M.	ID	RB	Residents	Absorption	Height	Coordinates			
								Begin	x	y	z
							(ft)	(ft)	(ft)	(ft)	(ft)

Ground Absorption(s)

Name	Sel.	M.	ID	G	Coordinates	
					x	y
					(ft)	(ft)

Contour(s)

Name	Sel.	M.	ID	OnlyPts	Height		Coordinates		
					Begin	End	x	y	z
					(ft)	(ft)	(ft)	(ft)	(ft)

Vertical Area Source(s)

Name	ID	Height		Coordinates			
		Begin	End	x	y	z	Ground
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Rail

Name	Sel.	M.	ID	Lw'		Train Class	Correct.	Vmax
				Day	Night			
				(dBA)	(dBA)		(dB)	(km(mph))