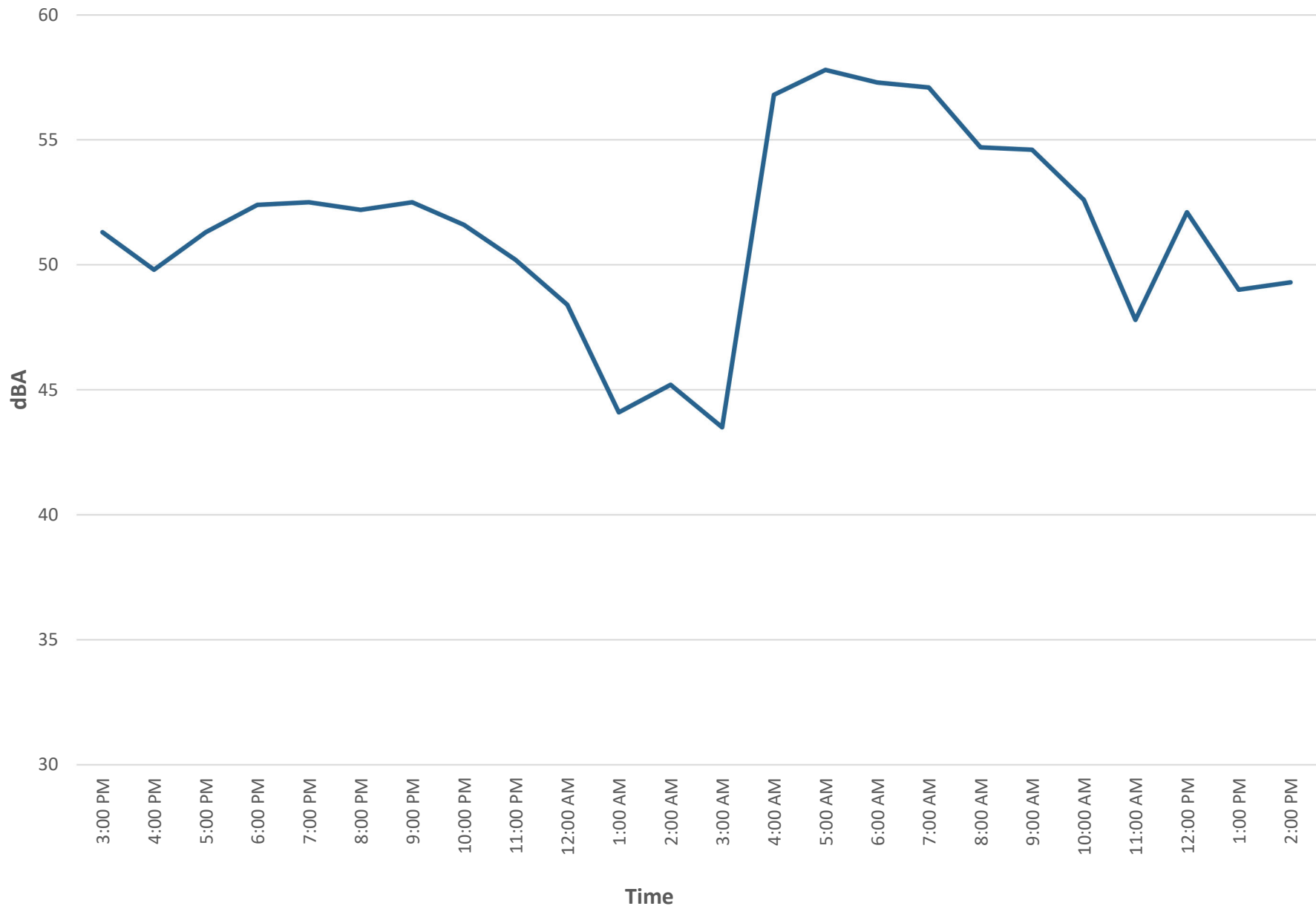


Appendix F

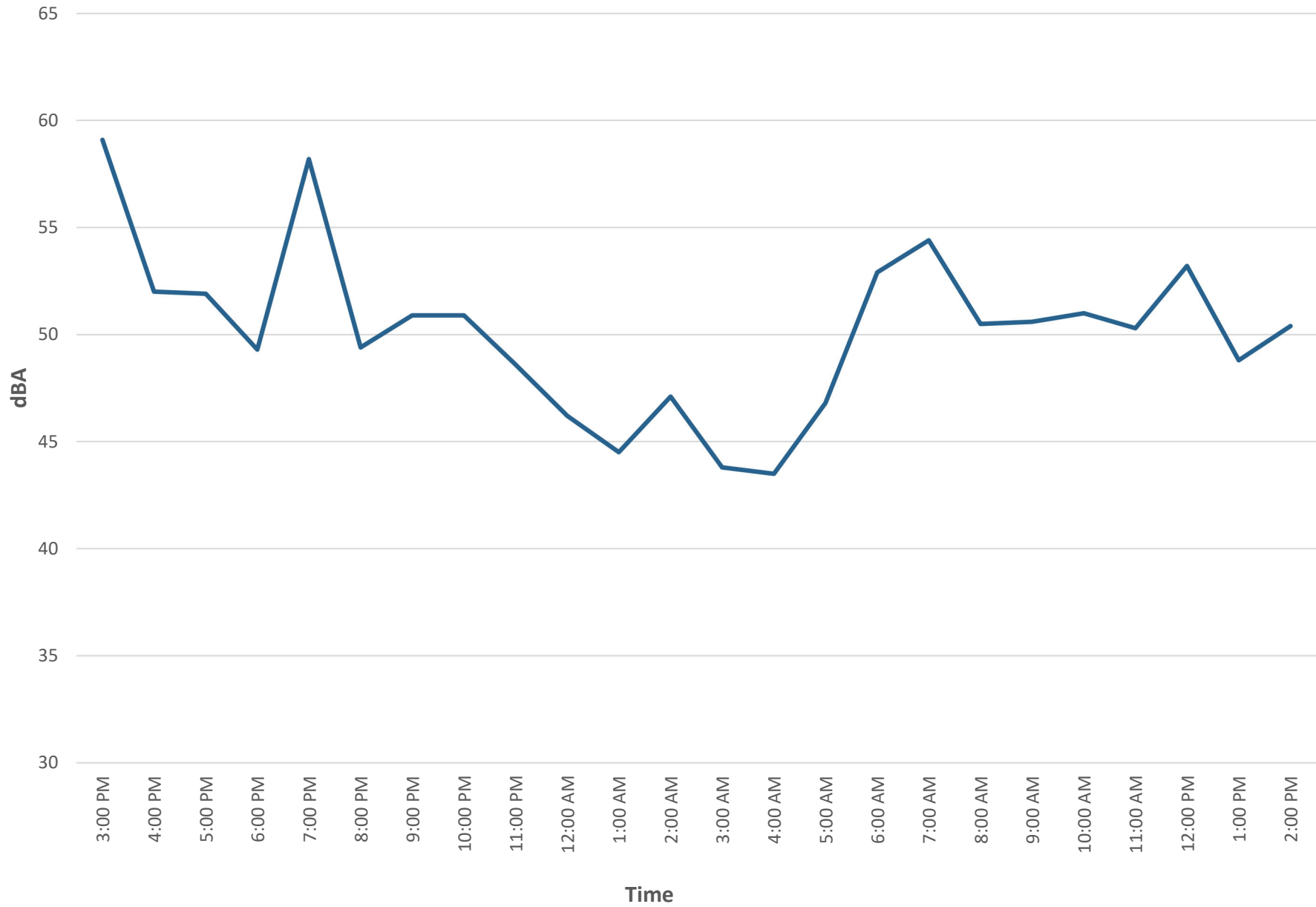
Noise Measurement Data and Noise Modeling Results

Measurement Location	Start Date	Start Time	End Time	Duration	Meas Mode	Input Range	Input Type	SPL Time Weight	LN% Freq Weight	Overload	UnderRange	Sensitivity	LZeq	LCeq	LAeq	LZSmax	LCSmax	LASmax	LZSmin
ST1	11/24/2025	3:19:18 PM	3:34:18 PM	0:15:00	Single	Low	Mic	Slow	dBA	No	No	14.65mV/Pa	62.3	60.9	54.2	73.3	72.8	69.3	56.4
ST2	11/24/2025	3:42:24 PM	3:57:24 PM	0:15:00	Single	Low	Mic	Slow	dBA	No	No	14.65mV/Pa	69.4	67.9	62	78.8	78.2	72.5	62.3
ST3	11/24/2025	4:05:43 PM	4:20:43 PM	0:15:00	Single	Low	Mic	Slow	dBA	No	No	14.65mV/Pa	72.3	71.2	64.7	87.9	87.4	74.7	61.1
Measurement Location	LCSmin	LASmin	LZE	LCE	LAE	LZpk	LCpk	LApk	LAS1%	LAS2%	LAS5%	LAS8%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%	
ST1	54.5	41.1	91.8	90.4	83.7	99.7	99.6	99.7	63.4	62.3	60.2	59	58.4	54.5	49.7	44.1	43.4	42.4	
ST2	59.3	43.3	98.9	97.4	91.5	93	91.9	88.3	68.3	67.8	66.6	66.2	65.8	63.8	60.4	49.3	47.3	44.6	
ST3	58.7	46	101.8	100.7	94.2	98.2	98	94.1	71.9	71.1	69.6	69	68.6	66.3	62.8	51.9	49.7	47.3	

LT-1 -- November 24 - 25, 2025



LT-2 -- November 24 - 25, 2025



Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 1

Phase	Land Use	Daytime	Evening	Night
Demolition	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20	90		25	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Concrete Saw	96	89
Total	96	89

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 1

Phase	Land Use	Daytime	Evening	Night
Grading	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		25	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Grader	91	87
Total	91	87

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 1

Phase	Land Use	Daytime	Evening	Night
New Building Construction	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16	85		90	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Crane	79.9	71.9
Total	79.9	71.9

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026
Case Description: Cubberley Community Center Master Plan_Phase 1

Phase	Land Use	Daytime	Evening	Night
Renovation Building Construction	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20	85		35	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Man Lift	88.1	81.1
Total	88.1	81.1

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 1

Phase	Land Use	Daytime	Evening	Night
Paving	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50	85		25	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Paver	91	88
Total	91	88

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 1

Phase	Land Use	Daytime	Evening	Night
Architectural Coating	Commercial	60	55	50

			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Equipment	Impact Device	Usage(%)				
Compressor (air)	No	40	80		35	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Compressor (air)	83.1	79.1
Total	83.1	79.1

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 2

Phase	Land Use	Daytime	Evening	Night
Demolition	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20	90		15	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Concrete Saw	100.5	93.5
Total	100.5	93.5

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 2

Phase	Land Use	Daytime	Evening	Night
Grading	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40	85		15	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Dozer	95.5	91.5
Total	95.5	91.5

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 2

Phase	Land Use	Daytime	Evening	Night
Building Construction	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16	85		15	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Crane	95.5	87.5
Total	95.5	87.5

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 2

Phase	Land Use	Daytime	Evening	Night
Paving	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50	85		15	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Paver	95.5	92.4
Total	95.5	92.4

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 2

Phase	Land Use	Daytime	Evening	Night
Architectural Coating	Commercial	60	55	50

			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Equipment	Impact Device	Usage(%)				
Compressor (air)	No	40	80		15	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Compressor (air)	90.5	86.5
Total	90.5	86.5

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 3

Phase	Land Use	Daytime	Evening	Night
Demolition	Commercial	60	55	50

	Impact		Spec	Actual	Receptor	Estimated
Equipment	Device	Usage(%)	Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	90		15	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Concrete Saw	100.5	93.5
Total	100.5	93.5

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 3

Phase	Land Use	Daytime	Evening	Night
Grading	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40	85		15	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Dozer	95.5	91.5
Total	95.5	91.5

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 3

Phase	Land Use	Daytime	Evening	Night
Building Construction	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16	85		15	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Crane	95.5	87.5
Total	95.5	87.5

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 3

Phase	Land Use	Daytime	Evening	Night
Paving	Commercial	60	55	50

Equipment	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50	85		15	0

Results

Equipment	Calculated (dBA)	
	*Lmax	Leq
Paver	95.5	92.4
Total	95.5	92.4

*Calculated Lmax is the Loudest value.

Report date: 1/22/2026

Case Description: Cubberley Community Center Master Plan_Phase 3

Phase	Land Use	Daytime	Evening	Night
Architectural Coating	Commercial	60	55	50

			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Equipment	Impact Device	Usage(%)				
Compressor (air)	No	40	80		15	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Compressor (air)	90.5	86.5
Total	90.5	86.5

*Calculated Lmax is the Loudest value.