

Appendix F Noise [d^a] *

- a) Construction Noise Level Calculations
- b) Operational Noise Level Calculations

Construction Noise Level Calculations

Harvard-Westlake School Parking Structure Project Draft EIR
 Construction Noise Levels - Unmitigated

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
12917 W. Galewood Street	43	6	84.6	60.7	84.7	24.0
12920 W. Galewood Street	139	6	71.9	44.9	71.9	27.0
12927 W. Galewood Street	123	6	73.2	44.9	73.2	28.3
12934 W. Galewood Street	292	13	56.8	44.9	57.1	12.2
12937 W. Galewood Street	238	16	56.1	44.9	56.4	11.5
12947 W. Galewood Street	354	13	54.7	44.9	55.2	10.3
12948 W. Galewood Street	419	20	45.9	44.9	48.4	3.5
12959 W. Galewood Street	456	20	45.0	44.9	48.0	3.1
12966 W. Galewood Street	577	20	42.4	44.9	46.9	2.0
12971 W. Galewood Street	543	20	43.1	44.9	47.1	2.2
3901 N. Van Noord Avenue	54	0	88.2	68.2	88.2	20.0
3905 N. Van Noord Avenue	125	3	76.1	68.2	76.7	8.5
3911 N. Van Noord Avenue	189	6	68.6	68.2	71.4	3.2
3917 N. Van Noord Avenue	253	9	62.4	60.7	64.6	3.9
3921 N. Van Noord Avenue	319	12	56.9	60.7	62.2	1.5
12949 W. Blairwood Drive	163	10	66.2	44.9	66.2	21.3
12950 W. Blairwood Drive	327	22	46.6	44.9	48.8	3.9
12951 W. Blairwood Drive	327	15	53.6	44.9	54.2	9.3
12952 W. Blairwood Drive	210	10	63.4	44.9	63.5	18.6
12954 W. Blairwood Drive	484	20	44.4	44.9	47.6	2.7
12956 W. Blairwood Drive	531	20	43.3	44.9	47.2	2.3
12958 W. Blairwood Drive	464	20	44.8	44.9	47.9	3.0
12960 W. Blairwood Drive	524	20	43.5	44.9	47.3	2.4
12965 W. Blairwood Drive	531	10	53.3	44.9	53.9	9.0
12970 W. Blairwood Drive	653	20	41.1	44.9	46.4	1.5
12979 W. Blairwood Drive	633	15	46.4	44.9	48.7	3.8
12980 W. Blairwood Drive	752	20	39.6	44.9	46.0	1.1
12997 W. Blairwood Drive	713	20	40.1	44.9	46.2	1.3
13070 W. Blairwood Drive	847	20	38.3	44.9	45.8	0.9
3630 Potosi Drive	456	20	45.0	50.2	51.3	1.1
3635 Potosi Drive	376	20	47.1	50.2	51.9	1.7
3643 Potosi Drive	324	20	48.7	50.2	52.5	2.3
3646 Potosi Drive	361	17	50.5	50.2	53.4	3.2
3654 Potosi Drive	320	14	54.8	50.2	56.1	5.9
3663 Potosi Drive	189	0	74.6	50.2	74.6	24.4
2860 Avenida del Sol	312	0	69.1	55.4	69.3	13.9
3839 Avenida del Sol	408	0	66.2	55.4	66.6	11.2
3848 Avenida del Sol	309	0	69.2	55.4	69.4	14.0
3851 Avenida del Sol	451	0	65.1	55.4	65.6	10.2
3854 Avenida del Sol	309	0	69.2	55.4	69.4	14.0
3860 Avenida del Sol	278	0	70.4	55.4	70.5	15.1
3861 Avenida del Sol	508	0	63.8	55.4	64.4	9.0
3869 Avenida del Sol	501	0	64.0	55.4	64.5	9.1
3870 Avenida del Sol	360	0	67.6	55.4	67.8	12.4
3875 Avenida del Sol	448	0	65.2	55.4	65.6	10.2
3880 Avenida del Sol	251	0	71.5	55.4	71.6	16.2
3915 Avenida del Sol	342	0	68.1	55.4	68.3	12.9
3923 Avenida del Sol	361	0	67.5	55.4	67.8	12.4
3937 Avenida del Sol	449	0	65.2	55.4	65.6	10.2
3943 Avenida del Sol	488	0	64.3	55.4	64.8	9.4
3949 Avenida del Sol	550	0	63.0	55.4	63.7	8.3
3963 Avenida del Sol	686	0	60.6	55.4	61.7	6.3
3969 Avenida del Sol	754	0	59.5	55.4	61.0	5.6
3995 Avenida del Sol	810	0	58.8	55.4	60.4	5.0
4001 Avenida del Sol	770	0	59.3	55.4	60.8	5.4
4007 Avenida de Sol	724	0	60.0	55.4	61.3	5.9
4015 Avenida del Sol	659	0	61.0	55.4	62.1	6.7
3687 Alta Mesa Dr	748	0	59.6	55.4	61.0	5.6
3691 Alta Mesa Dr	684	0	60.6	55.4	61.7	6.3
3721 Alta Mesa Dr	760	0	59.5	55.4	60.9	5.5
3774 Alta Mesa Dr	535	0	63.3	55.4	63.9	8.5
3768 Alta Mesa Dr	563	0	62.7	55.4	63.5	8.1
3762 Alta Mesa Dr	606	0	61.9	55.4	62.8	7.4
3782 Alta Mesa Dr	484	0	64.4	55.4	64.9	9.5
3818 Alta Mesa Dr	562	0	62.7	55.4	63.5	8.1
3826 Alta Mesa Dr	573	0	62.5	55.4	63.3	7.9
3832 Alta Mesa Dr	641	0	61.3	55.4	62.3	6.9
3840 Alta Mesa Dr	711	0	60.2	55.4	61.4	6.0

Harvard-Westlake School Parking Structure Project Draft EIR
 Construction Noise Levels - Unmitigated

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
3848 Alta Mesa Dr	787	0	59.1	55.4	60.6	5.2
4066 Alta Mesa Dr	835	0	58.4	55.4	60.2	4.8
3997 Oeste Ave	840	0	58.4	55.4	60.1	4.7
3630 Coldwater Canyon Ave	694	0	60.4	68.2	68.9	0.7
3624 Coldwater Canyon Ave	755	0	59.5	68.2	68.8	0.6
3618 Coldwater Canyon Ave	815	0	58.7	68.2	68.7	0.5
12850 Hailkirk Street	458	10	55.0	68.2	68.4	0.2
Harvard-Westlake School (Munger Science Center)	168	10	65.8	50.7	66.0	15.3
Sunnyside Preschool	329	0	68.5	55.4	68.7	13.3
Longridge Avenue Residences	1070	10	45.7	47.5	49.7	2.2

Harvard-Westlake School Parking Structure Project Draft EIR
 Construction Noise Levels - Mitigated

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
12917 W. Galewood Street	43	9	81.6	60.7	81.7	21.0
12920 W. Galewood Street	139	9	68.9	44.9	68.9	24.0
12927 W. Galewood Street	123	9	70.2	44.9	70.2	25.3
12934 W. Galewood Street	292	16	53.8	44.9	54.4	9.5
12937 W. Galewood Street	238	19	53.1	44.9	53.7	8.8
12947 W. Galewood Street	354	16	51.7	44.9	52.6	7.7
12948 W. Galewood Street	419	23	42.9	44.9	47.0	2.1
12959 W. Galewood Street	456	23	42.0	44.9	46.7	1.8
12966 W. Galewood Street	577	23	39.4	44.9	46.0	1.1
12971 W. Galewood Street	543	23	40.1	44.9	46.1	1.2
3901 N. Van Noord Avenue	54	3	85.2	68.2	85.3	17.1
3905 N. Van Noord Avenue	125	6	73.1	68.2	74.3	6.1
3911 N. Van Noord Avenue	189	9	65.6	68.2	70.1	1.9
3917 N. Van Noord Avenue	253	12	59.4	60.7	63.1	2.4
3921 N. Van Noord Avenue	319	15	53.9	60.7	61.5	0.8
12949 W. Blairwood Drive	163	13	63.2	44.9	63.2	18.3
12950 W. Blairwood Drive	327	25	43.6	44.9	47.3	2.4
12951 W. Blairwood Drive	327	18	50.6	44.9	51.6	6.7
12952 W. Blairwood Drive	210	13	60.4	44.9	60.5	15.6
12954 W. Blairwood Drive	484	23	41.4	44.9	46.5	1.6
12956 W. Blairwood Drive	531	23	40.3	44.9	46.2	1.3
12958 W. Blairwood Drive	464	23	41.8	44.9	46.6	1.7
12960 W. Blairwood Drive	524	23	40.5	44.9	46.2	1.3
12965 W. Blairwood Drive	531	13	50.3	44.9	51.4	6.5
12970 W. Blairwood Drive	653	23	38.1	44.9	45.7	0.8
12979 W. Blairwood Drive	633	18	43.4	44.9	47.2	2.3
12980 W. Blairwood Drive	752	23	36.6	44.9	45.5	0.6
12997 W. Blairwood Drive	713	23	37.1	44.9	45.6	0.7
13070 W. Blairwood Drive	847	23	35.3	44.9	45.3	0.4
3630 Potosi Drive	456	23	42.0	50.2	50.8	0.6
3635 Potosi Drive	376	23	44.1	50.2	51.2	1.0
3643 Potosi Drive	324	23	45.7	50.2	51.5	1.3
3646 Potosi Drive	361	20	47.5	50.2	52.1	1.9
3654 Potosi Drive	320	17	51.8	50.2	54.1	3.9
3663 Potosi Drive	189	3	71.6	50.2	71.6	21.4
2860 Avenida del Sol	312	3	66.1	55.4	66.5	11.1
3839 Avenida del Sol	408	3	63.2	55.4	63.9	8.5
3848 Avenida del Sol	309	3	66.2	55.4	66.6	11.2
3851 Avenida del Sol	451	3	62.1	55.4	63.0	7.6
3854 Avenida del Sol	309	3	66.2	55.4	66.6	11.2
3860 Avenida del Sol	278	3	67.4	55.4	67.6	12.2
3861 Avenida del Sol	508	3	60.8	55.4	61.9	6.5
3869 Avenida del Sol	501	3	61.0	55.4	62.0	6.6
3870 Avenida del Sol	360	3	64.6	55.4	65.1	9.7
3875 Avenida del Sol	448	3	62.2	55.4	63.0	7.6
3880 Avenida del Sol	251	3	68.5	55.4	68.7	13.3
3915 Avenida del Sol	342	3	65.1	55.4	65.6	10.2
3923 Avenida del Sol	361	3	64.5	55.4	65.0	9.6
3937 Avenida del Sol	449	3	62.2	55.4	63.0	7.6
3943 Avenida del Sol	488	3	61.3	55.4	62.3	6.9
3949 Avenida del Sol	550	3	60.0	55.4	61.3	5.9
3963 Avenida del Sol	686	3	57.6	55.4	59.6	4.2
3969 Avenida del Sol	754	3	56.5	55.4	59.0	3.6
3995 Avenida del Sol	810	3	55.8	55.4	58.6	3.2
4001 Avenida del Sol	770	3	56.3	55.4	58.9	3.5
4007 Avenida de Sol	724	3	57.0	55.4	59.3	3.9
4015 Avenida del Sol	659	3	58.0	55.4	59.9	4.5
3687 Alta Mesa Dr	748	3	56.6	55.4	59.1	3.7
3691 Alta Mesa Dr	684	3	57.6	55.4	59.6	4.2
3721 Alta Mesa Dr	760	3	56.5	55.4	59.0	3.6
3774 Alta Mesa Dr	535	3	60.3	55.4	61.5	6.1
3768 Alta Mesa Dr	563	3	59.7	55.4	61.1	5.7
3762 Alta Mesa Dr	606	3	58.9	55.4	60.5	5.1
3782 Alta Mesa Dr	484	3	61.4	55.4	62.3	6.9
3818 Alta Mesa Dr	562	3	59.7	55.4	61.1	5.7

Harvard-Westlake School Parking Structure Project Draft EIR
 Construction Noise Levels - Mitigated

Reference Noise Distance	50					
Reference Noise Level	89					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Construction Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
3826 Alta Mesa Dr	573	3	59.5	55.4	60.9	5.5
3832 Alta Mesa Dr	641	3	58.3	55.4	60.1	4.7
3840 Alta Mesa Dr	711	3	57.2	55.4	59.4	4.0
3848 Alta Mesa Dr	787	3	56.1	55.4	58.8	3.4
4066 Alta Mesa Dr	835	3	55.4	55.4	58.4	3.0
3997 Oeste Ave	840	3	55.4	55.4	58.4	3.0
3630 Coldwater Canyon Ave	694	3	57.4	68.2	68.6	0.4
3624 Coldwater Canyon Ave	755	3	56.5	68.2	68.5	0.3
3618 Coldwater Canyon Ave	815	3	55.7	68.2	68.4	0.2
12850 Hailkirk Street	458	13	52.0	68.2	68.3	0.1
Harvard-Westlake School (Munger Science Center)	168	13	62.8	50.7	63.1	12.4
Sunnyside Preschool	329	3	65.5	55.4	65.9	10.5
Longridge Avenue Residences	1070	13	42.7	47.5	48.8	1.3

Harvard-Westlake School Parking Structure Project Draft EIR
Construction Truck Noise Levels - Unmitigated

Proposed Traffic Volumes										
ROAD SEGMENT	TOT. # VEH.	VEHICLE TYPE %						VEHICLE SPEED MPH	NOISE LEVEL (FROM TNM) dBA	INCREASE dBA
		Auto	Auto	MT	MT	HT	HT			
		%		%		%				
Coldwater Canyon Avenue South of Ventura Boulevard	1021	91	929	6	61	3	41	35	68.8	0.4
Coldwater Canyon Avenue Between Moorpark Street and Ventura Boulevard	1460	91	1328	6	88	3	54	35	70.2	0.3
Coldwater Canyon Avenue Between Ventura Freeway and Moorpark Street	1885	91	1715	6	113	3	67	35	71.3	0.2

Existing Traffic Volumes										
ROAD SEGMENT	TOT. # VEH.	VEHICLE TYPE %						VEHICLE SPEED MPH	NOISE LEVEL (FROM TNM) dBA	
		Auto	Auto	MT	MT	HT	HT			
		%		%		%				
Coldwater Canyon Avenue South of Ventura Boulevard	1021	91	929	6	61	3	31	35	68.4	
Coldwater Canyon Avenue Between Moorpark Street and Ventura Boulevard	1460	91	1328	6	88	3	44	35	69.9	
Coldwater Canyon Avenue Between Ventura Freeway and Moorpark Street	1885	91	1715	6	113	3	57	35	71.1	

Operational Noise Level Calculations

Harvard-Westlake School Parking Structure Project Draft EIR
 Parking Noise Levels

Reference Noise Distance	50					
Reference Noise Level	58.1					
Sensitive Receptor	Distance (feet)	Attenuation Factors /a/	Maximum Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
12917 W. Galewood Street	330	6	31.6	60.7	60.7	0.0
12920 W. Galewood Street	200	6	37.0	44.9	45.6	0.7
12927 W. Galewood Street	387	6	29.9	44.9	45.0	0.1
12934 W. Galewood Street	381	13	23.1	44.9	44.9	0.0
12937 W. Galewood Street	482	16	17.5	44.9	44.9	0.0
12947 W. Galewood Street	596	13	18.2	44.9	44.9	0.0
12948 W. Galewood Street	569	20	11.7	44.9	44.9	0.0
12959 W. Galewood Street	705	20	9.4	44.9	44.9	0.0
12966 W. Galewood Street	743	20	8.8	44.9	44.9	0.0
12971 W. Galewood Street	800	20	8.0	44.9	44.9	0.0
3901 N. Van Noord Avenue	330	10	27.6	68.2	68.2	0.0
3905 N. Van Noord Avenue	387	3	32.9	68.2	68.2	0.0
3911 N. Van Noord Avenue	438	6	28.5	68.2	68.2	0.0
3917 N. Van Noord Avenue	498	9	24.1	60.7	60.7	0.0
3921 N. Van Noord Avenue	559	12	19.9	60.7	60.7	0.0
12949 W. Blairwood Drive	200	10	33.0	44.9	45.2	0.3
12950 W. Blairwood Drive	355	20	16.8	44.9	44.9	0.0
12951 W. Blairwood Drive	358	10	26.7	44.9	45.0	0.1
12952 W. Blairwood Drive	237	10	31.2	44.9	45.1	0.2
12954 W. Blairwood Drive	527	20	12.5	44.9	44.9	0.0
12956 W. Blairwood Drive	575	20	11.6	44.9	44.9	0.0
12958 W. Blairwood Drive	504	20	13.0	44.9	44.9	0.0
12960 W. Blairwood Drive	550	20	12.1	44.9	44.9	0.0
12965 W. Blairwood Drive	531	10	22.4	44.9	44.9	0.0
12970 W. Blairwood Drive	688	20	9.6	44.9	44.9	0.0
12979 W. Blairwood Drive	758	15	13.6	44.9	44.9	0.0
12980 W. Blairwood Drive	846	20	7.4	44.9	44.9	0.0
12997 W. Blairwood Drive	921	20	6.5	44.9	44.9	0.0
13070 W. Blairwood Drive	847	20	7.4	44.9	44.9	0.0
3630 Potosi Drive	562	20	11.8	50.2	50.2	0.0
3635 Potosi Drive	486	20	13.4	50.2	50.2	0.0
3643 Potosi Drive	431	20	14.7	50.2	50.2	0.0
3646 Potosi Drive	455	17	17.1	50.2	50.2	0.0
3654 Potosi Drive	407	14	21.3	50.2	50.2	0.0
3663 Potosi Drive	279	0	39.4	50.2	50.5	0.3
12850 Hailkirk Street	778	10	18.3	68.2	68.2	0.0
Harvard-Westlake School (Munger Science Center)	540	10	22.3	50.7	50.7	0.0
Sunnyside Preschool	830	10	17.6	55.4	55.4	0.0
Residences on Longridge Avenue	1070	10	14.8	47.5	47.5	0.0

Harvard-Westlake School Parking Structure Project Draft EIR
 Recreational Noise Levels

Reference Noise Distance	50					
Reference Noise Level	70.6					
Sensitive Receptor	Distance (feet)	Attenuation Factors /a/	Maximum Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
12917 W. Galewood Street	252	6	47.0	60.7	60.9	0.2
12920 W. Galewood Street	184	6	50.5	44.9	51.5	6.6
12927 W. Galewood Street	382	6	42.5	44.9	46.9	2.0
12934 W. Galewood Street	375	13	35.7	44.9	45.4	0.5
12937 W. Galewood Street	477	16	30.1	44.9	45.0	0.1
12947 W. Galewood Street	590	13	30.8	44.9	45.1	0.2
12948 W. Galewood Street	563	20	24.3	44.9	44.9	0.0
12959 W. Galewood Street	699	20	22.0	44.9	44.9	0.0
12966 W. Galewood Street	738	20	21.4	44.9	44.9	0.0
12971 W. Galewood Street	794	20	20.6	44.9	44.9	0.0
3901 N. Van Noord Avenue	330	10	40.1	68.2	68.2	0.0
3905 N. Van Noord Avenue	382	3	45.5	68.2	68.2	0.0
3911 N. Van Noord Avenue	432	6	41.2	68.2	68.2	0.0
3917 N. Van Noord Avenue	492	9	36.8	60.7	60.7	0.0
3921 N. Van Noord Avenue	553	12	32.5	60.7	60.7	0.0
12949 W. Blairwood Drive	184	10	46.5	44.9	48.8	3.9
12950 W. Blairwood Drive	349	20	29.5	44.9	45.0	0.1
12951 W. Blairwood Drive	349	10	39.5	44.9	46.0	1.1
12952 W. Blairwood Drive	231	10	44.0	44.9	47.5	2.6
12954 W. Blairwood Drive	505	20	25.5	44.9	44.9	0.0
12956 W. Blairwood Drive	552	20	24.5	44.9	44.9	0.0
12958 W. Blairwood Drive	483	20	26.0	44.9	45.0	0.1
12960 W. Blairwood Drive	544	20	24.7	44.9	44.9	0.0
12965 W. Blairwood Drive	532	10	34.9	44.9	45.3	0.4
12970 W. Blairwood Drive	682	20	22.2	44.9	44.9	0.0
12979 W. Blairwood Drive	752	15	26.2	44.9	45.0	0.1
12980 W. Blairwood Drive	840	20	20.0	44.9	44.9	0.0
12997 W. Blairwood Drive	921	20	19.0	44.9	44.9	0.0
13070 W. Blairwood Drive	746	20	21.3	44.9	44.9	0.0
3630 Potosi Drive	550	20	24.6	50.2	50.2	0.0
3635 Potosi Drive	469	20	26.3	50.2	50.2	0.0
3643 Potosi Drive	418	20	27.5	50.2	50.2	0.0
3646 Potosi Drive	450	17	29.7	50.2	50.2	0.0
3654 Potosi Drive	407	14	33.8	50.2	50.3	0.1
3663 Potosi Drive	276	0	52.1	50.2	54.2	4.0
12850 Hailkirk Street	773	10	30.9	68.2	68.2	0.0
Harvard-Westlake School (Munger Science Center)	168	10	47.4	50.7	52.4	1.7
Sunnyside Preschool	329	10	40.1	55.4	55.5	0.1
Residences on Longridge Avenue	1070	10	27.3	47.5	47.5	0.0

Harvard-Westlake School Parking Structure Project Draft EIR
Combined On-Site Noise Levels

Sensitive Receptor	Parking Structure Noise Level (dBA)	Athletic Field Noise Level (dBA)	Combined Noise Level (dBA)	Existing Ambient Noise Level (dBA)	New Ambient Noise Level (dBA)	Increase
12917 W. Galewood Street	31.6	47.0	47.2	60.7	60.9	0.2
12920 W. Galewood Street	37.0	50.5	50.6	44.9	51.7	6.8
12927 W. Galewood Street	29.9	42.5	42.8	44.9	47.0	2.1
12934 W. Galewood Street	23.1	35.7	36.0	44.9	45.4	0.5
12937 W. Galewood Street	17.5	30.1	30.3	44.9	45.0	0.1
12947 W. Galewood Street	18.2	30.8	31.0	44.9	45.1	0.2
12948 W. Galewood Street	11.7	24.3	24.5	44.9	44.9	0.0
12959 W. Galewood Street	9.4	22.0	22.2	44.9	44.9	0.0
12966 W. Galewood Street	8.8	21.4	21.6	44.9	44.9	0.0
12971 W. Galewood Street	8.0	20.6	20.8	44.9	44.9	0.0
3901 N. Van Noord Avenue	27.6	40.1	40.3	68.2	68.2	0.0
3905 N. Van Noord Avenue	32.9	45.5	45.8	68.2	68.2	0.0
3911 N. Van Noord Avenue	28.5	41.2	41.4	68.2	68.2	0.0
3917 N. Van Noord Avenue	24.1	36.8	37.0	60.7	60.7	0.0
3921 N. Van Noord Avenue	19.9	32.5	32.7	60.7	60.7	0.0
12949 W. Blairwood Drive	33.0	46.5	46.6	44.9	48.9	4.0
12950 W. Blairwood Drive	16.8	29.5	29.7	44.9	45.0	0.1
12951 W. Blairwood Drive	26.7	39.5	39.7	44.9	46.1	1.2
12952 W. Blairwood Drive	31.2	44.0	44.2	44.9	47.6	2.7
12954 W. Blairwood Drive	12.5	25.5	25.7	44.9	45.0	0.1
12956 W. Blairwood Drive	11.6	24.5	24.7	44.9	44.9	0.0
12958 W. Blairwood Drive	13.0	26.0	26.2	44.9	45.0	0.1
12960 W. Blairwood Drive	12.1	24.7	24.9	44.9	44.9	0.0
12965 W. Blairwood Drive	22.4	34.9	35.2	44.9	45.3	0.4
12970 W. Blairwood Drive	9.6	22.2	22.5	44.9	44.9	0.0
12979 W. Blairwood Drive	13.6	26.2	26.4	44.9	45.0	0.1
12980 W. Blairwood Drive	7.4	20.0	20.2	44.9	44.9	0.0
12997 W. Blairwood Drive	6.5	19.0	19.2	44.9	44.9	0.0
13070 W. Blairwood Drive	7.4	21.3	21.4	44.9	44.9	0.0
3630 Potosi Drive	11.8	24.6	24.8	50.2	50.2	0.0
3635 Potosi Drive	13.4	26.3	26.5	50.2	50.2	0.0
3643 Potosi Drive	14.7	27.5	27.8	50.2	50.2	0.0
3646 Potosi Drive	17.1	29.7	30.0	50.2	50.2	0.0
3654 Potosi Drive	21.3	33.8	34.1	50.2	50.3	0.1
3663 Potosi Drive	39.4	52.1	52.3	50.2	54.4	4.2
12850 Hailkirk Street	18.3	30.9	31.1	68.2	68.2	0.0
Harvard-Westlake School (Munger Science Center)	22.3	47.4	47.5	50.7	52.4	1.7
Sunnyside Preschool	17.6	40.1	40.2	55.4	55.5	0.1
Residences on Longridge Avenue	14.8	27.3	27.6	47.5	47.5	0.0

**Harvard-Westlake Upper School Infrastructure Project Draft EIR
Recreational Noise Levels for 24-Hour**

Existing CNEL				Future CNEL			
Hour	Noise Level, dBA Leq /a/	Weight, dBA /b/	Weighted Noise, dBA	Hour	Noise Level, dBA Leq /a/	Weight, dBA /b/	Weighted Noise, dBA
12:00 a.m.	40.0	10	50.0	12:00 a.m.	40.0	10	50.0
1:00 a.m.	40.0	10	50.0	1:00 a.m.	40.0	10	50.0
2:00 a.m.	40.0	10	50.0	2:00 a.m.	40.0	10	50.0
3:00 a.m.	40.0	10	50.0	3:00 a.m.	40.0	10	50.0
4:00 a.m.	40.0	10	50.0	4:00 a.m.	40.0	10	50.0
5:00 a.m.	40.0	10	50.0	5:00 a.m.	40.0	10	50.0
6:00 a.m.	40.0	10	50.0	6:00 a.m.	40.0	10	50.0
7:00 a.m.	47.5	0	47.5	7:00 a.m.	52.2	0	52.2
8:00 a.m.	47.5	0	47.5	8:00 a.m.	52.2	0	52.2
9:00 a.m.	47.5	0	47.5	9:00 a.m.	52.2	0	52.2
10:00 a.m.	47.5	0	47.5	10:00 a.m.	52.2	0	52.2
11:00 a.m.	47.5	0	47.5	11:00 a.m.	52.2	0	52.2
12:00 p.m.	47.5	0	47.5	12:00 p.m.	52.2	0	52.2
1:00 p.m.	47.5	0	47.5	1:00 p.m.	52.2	0	52.2
2:00 p.m.	47.5	0	47.5	2:00 p.m.	52.2	0	52.2
3:00 p.m.	44.9	0	44.9	3:00 p.m.	51.5	0	51.5
4:00 p.m.	44.9	0	44.9	4:00 p.m.	51.5	0	51.5
5:00 p.m.	44.9	0	44.9	5:00 p.m.	51.5	0	51.5
6:00 p.m.	44.9	0	44.9	6:00 p.m.	51.5	0	51.5
7:00 p.m.	44.9	4.77	49.7	7:00 p.m.	51.5	4.77	56.3
8:00 p.m.	44.9	4.77	49.7	8:00 p.m.	44.9	4.77	49.7
9:00 p.m.	44.9	4.77	49.7	9:00 p.m.	44.9	4.77	49.7
10:00 p.m.	40	10	50.0	10:00 p.m.	40	10	50.0
11:00 p.m.	40	10	50.0	11:00 p.m.	40	10	50.0
CNEL, dBA			48.3	CNEL, dBA			51.2

The worst-case CNEL increase would occur during summer recess when the athletic practice would have the most proposed operating hours (7:00 a.m. to 7:00 p.m. /a/ Noise levels for athletic field during hours of operation were taken during field noise monitoring at the existing athletic field. A presumed noise levels (50 dBA for daytime hours [7:00 a.m. to 10:00 p.m.] and 40 dBA for nighttime hours [10:00 p.m. to 7:00 a.m.]) from the Los Angeles Municipality Code would be used for nonoperating hours.

/b/ The weight takes into account that evening and nighttime noise levels are potentially more disturbing than equal daytime noise levels. Based on the Technical Noise Supplement, a 4.77 dbA "penalty" would be applied to evening hours (7:00 p.m. - 10:00 p.m.) and a 10 dbA "penalty" would be applied to nighttime hours (10:00 p.m. - 7:00 a.m.). There are no penalty for daytime hours.

**Harvard-Westlake Upper School Infrastructure Project Draft EIR
Parking Noise Levels for 24-Hour**

Existing CNEL				Future CNEL			
Hour	Noise Level, dBA Leq /a/	Weight, dBA /b/	Weighted Noise, dBA	Hour	Noise Level, dBA Leq /a/	Weight, dBA /b/	Weighted Noise, dBA
12:00 a.m.	40.0	10	50.0	12:00 a.m.	40.0	10	50.0
1:00 a.m.	40.0	10	50.0	1:00 a.m.	40.0	10	50.0
2:00 a.m.	40.0	10	50.0	2:00 a.m.	40.0	10	50.0
3:00 a.m.	40.0	10	50.0	3:00 a.m.	40.0	10	50.0
4:00 a.m.	40.0	10	50.0	4:00 a.m.	40.0	10	50.0
5:00 a.m.	40.0	10	50.0	5:00 a.m.	40.0	10	50.0
6:00 a.m.	40.0	10	50.0	6:00 a.m.	40.0	10	50.0
7:00 a.m.	47.5	0	47.5	7:00 a.m.	47.9	0	47.9
8:00 a.m.	47.5	0	47.5	8:00 a.m.	47.9	0	47.9
9:00 a.m.	47.5	0	47.5	9:00 a.m.	47.9	0	47.9
10:00 a.m.	47.5	0	47.5	10:00 a.m.	47.9	0	47.9
11:00 a.m.	47.5	0	47.5	11:00 a.m.	47.9	0	47.9
12:00 p.m.	47.5	0	47.5	12:00 p.m.	47.9	0	47.9
1:00 p.m.	47.5	0	47.5	1:00 p.m.	47.9	0	47.9
2:00 p.m.	47.5	0	47.5	2:00 p.m.	47.9	0	47.9
3:00 p.m.	44.9	0	44.9	3:00 p.m.	45.6	0	45.6
4:00 p.m.	44.9	0	44.9	4:00 p.m.	45.6	0	45.6
5:00 p.m.	44.9	0	44.9	5:00 p.m.	45.6	0	45.6
6:00 p.m.	44.9	0	44.9	6:00 p.m.	45.6	0	45.6
7:00 p.m.	44.9	4.77	49.7	7:00 p.m.	45.6	4.77	50.4
8:00 p.m.	44.9	4.77	49.7	8:00 p.m.	44.9	4.77	49.7
9:00 p.m.	44.9	4.77	49.7	9:00 p.m.	44.9	4.77	49.7
10:00 p.m.	40	10	50.0	10:00 p.m.	40	10	50.0
11:00 p.m.	40	10	50.0	11:00 p.m.	40	10	50.0
CNEL, dBA			48.3	CNEL, dBA			48.6

The worst-case CNEL increase would occur during summer recess when the athletic practice would have the most proposed operating hours (7:00 a.m. to 7:00 p.m. /a/ Noise levels for athletic field during hours of operation were taken during field noise monitoring at the existing athletic field. A presumed noise levels (50 dBA for daytime hours [7:00 a.m. to 10:00 p.m.] and 40 dBA for nighttime hours [10:00 p.m. to 7:00 a.m.]) from the Los Angeles Municipality Code would be used for nonoperating hours.

/b/ The weight takes into account that evening and nighttime noise levels are potentially more disturbing than equal daytime noise levels. Based on the Technical Noise Supplement, a 4.77 dbA "penalty" would be applied to evening hours (7:00 p.m. - 10:00 p.m.) and a 10 dbA "penalty" would be applied to nighttime hours (10:00 p.m. - 7:00 a.m.). There are no penalty for daytime hours.

Harvard-Westlake School Parking Structure Project Draft EIR
 School Bus Noise Levels

Reference Noise Distance	50					
Reference Noise Level	62					
Sensitive Receptor	Distance (feet)	Attenuation Factors	Maximum Noise Level (dBA)	Existing Ambient (dBA, Leq)	New Ambient (dBA, Leq)	Increase
Single-Family Residences Located Adjacent	50	0	62.0	50.2	62.3	12.1
Single-Family Residences Located Along Avenue Del Sol	160	5	44.4	47.5	49.2	1.7
Sunnyside Preschool	175	5	43.4	47.5	48.9	1.4
Single-Family Residences Located Along Hacienda Drive	485	0	37.3	55.4	55.5	0.1