

**Table IV.H-1
NOISE LEVEL CONTOURS - Existing Weekday Off-Site ADT Volumes**

ROADWAY NAME Segment	Land Use	Lanes	Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor (1)	Barrier Attn. dB(A)	Vehicle Mix		dB(A) CNEL
									Medium Trucks	Heavy Trucks	
Olympic Blvd W/O Hill Street	Commercial	6	0	20,250	35	40	0	0	1.8%	0.7%	69.0
Olympic Blvd E/O Hill Street	Commercial service	6	0	19,620	35	40	0	0	1.8%	0.7%	68.9
Olympic Blvd E/O Broadway	Residential, Commercial service	6	0	18,410	35	40	0	0	1.8%	0.7%	68.6
11th St W/O Olive St	Residential, Commercial service	2	0	6,280	35	30	0	0	1.8%	0.7%	63.5
11th St E/O Olive St	Commercial	2	0	6,060	35	30	0	0	1.8%	0.7%	63.3
11th St W/O Broadway	Commercial	2	0	7,120	35	30	0	0	1.8%	0.7%	64.0
11th St E/O Broadway	Commercial	2	0	6,750	35	30	0	0	1.8%	0.7%	63.8
11th St E/O Main St	Commercial	2	0	5,800	35	30	0	0	1.8%	0.7%	63.1
12th St W/O Olive St	Commercial	2	0	2,460	35	30	0	0	1.8%	0.7%	59.4
12th St E/O Olive St	Commercial	2	0	2,160	35	30	0	0	1.8%	0.7%	58.9
12th St W/O Broadway	Commercial	2	0	5,390	35	30	0	0	1.8%	0.7%	62.8
12th St E/O Broadway	Commercial	3	0	3,560	35	30	0	0	1.8%	0.7%	61.3
12th St W/O Los Angeles St	Commercial	4	0	3,550	35	30	0	0	1.8%	0.7%	61.9
12th St E/O Los Angeles St	Commercial	4	0	3,960	35	30	0	0	1.8%	0.7%	62.4
Pico Blvd W/O Hill Street	Commercial service	4	0	9,380	35	30	0	0	1.8%	0.7%	66.1
Pico Blvd W/O Broadway	Commercial service	4	0	9,660	35	30	0	0	1.8%	0.7%	66.2
Pico Blvd E/O Broadway	Commercial service	4	0	8,810	35	30	0	0	1.8%	0.7%	65.8
Olive St. S/O Olympic	Residential, Commercial service	4	0	10,310	35	40	0	0	1.8%	0.7%	64.8
Olive St. N/O 12th St	Residential, Commercial service	4	0	10,530	35	40	0	0	1.8%	0.7%	64.9
Olive St. S/O 12th St	Residential, Commercial service	4	0	9,720	35	40	0	0	1.8%	0.7%	64.5
Hill St. N/O Olympic	Commercial	3	0	11,430	35	30	0	0	1.8%	0.7%	66.4
Hill St. S/O Olympic	Commercial	3	0	10,600	35	30	0	0	1.8%	0.7%	66.1
Hill St. N/O 12th St	Commercial	3	0	9,230	35	30	0	0	1.8%	0.7%	65.4
Hill St. S/O 12th St	Commercial	4	0	11,060	35	40	0	0	1.8%	0.7%	65.1
Hill St. S/O Pico Blvd.	Commercial	4	0	11,470	35	40	0	0	1.8%	0.7%	65.3
Broadway S/O Olympic	Commercial service	4	0	16,370	35	40	0	0	1.8%	0.7%	66.8
Broadway N/O 12th St	Commercial service	4	0	17,260	35	40	0	0	1.8%	0.7%	67.0
Broadway S/O 12th St	Commercial service	4	0	16,210	35	40	0	0	1.8%	0.7%	66.8
Broadway S/O Pico Blvd.	Commercial service	4	0	15,540	35	40	0	0	1.8%	0.7%	66.6
Main St S/O Olympic	Commercial service	4	0	20,070	35	40	0	0	1.8%	0.7%	67.7
Main St N/O 12th St	Commercial service	4	0	19,160	35	40	0	0	1.8%	0.7%	67.5
Main St S/O 12th St	Commercial service	4	0	18,870	35	40	0	0	1.8%	0.7%	67.4

(1) Alpha Factor: Coefficient of absorption relating to the effects of the ground surface. An alpha factor of 0 indicates that the site is an acoustically "hard" site such as asphalt. An alpha factor of 0.5 indicates that the site is an acoustically "soft" site such as vegetative ground cover.

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

Herald Examiner Noise Monitoring

SLM"	Date	Time	Time	Weigt	Freq.	Weigl	Range	dB	Elapsed	Tin	Overload	MaxP	MaxL	MinL	Leq
2237	8/18/05	6:39:54	F	A		30	100		0:15:04	Y		106.7	83.2	58.1	69.5
2237	8/18/05	7:20:11	F	A		50	120		0:15:09	N		110.4	91.5	61.1	75.8
2237	8/18/05	7:37:06	F	A		50	120		0:15:25	N		103.7	81.1	56.4	70.2
2237	8/18/05	7:54:13	F	A		50	120		0:16:16	N		104.6	84.1	57.2	71.8
2237	9/15/05	7:28:26	F	A		50	120		0:15:04	N		111.1	89.3	59.3	71.5

**Table IV.H-2
NOISE LEVEL CONTOURS - Future Without Project Weekday Off-Site ADT Volumes**

ROADWAY NAME Segment	Land Use	Lanes	Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor (1)	Barrier Attn. dB(A)	Vehicle Mix		dB(A) CNEL
									Medium Trucks	Heavy Trucks	
Olympic Blvd W/O Hill Street	Commercial	6	0	27,150	35	40	0	0	1.8%	0.7%	70.3
Olympic Blvd E/O Hill Street	Commercial service	6	0	26,610	35	40	0	0	1.8%	0.7%	70.2
Olympic Blvd E/O Broadway	Residential, Commercial service	6	0	24,510	35	40	0	0	1.8%	0.7%	69.9
11th St W/O Olive St	Residential, Commercial service	2	0	8,440	35	30	0	0	1.8%	0.7%	64.8
11th St E/O Olive St	Commercial	2	0	7,760	35	30	0	0	1.8%	0.7%	64.4
11th St W/O Broadway	Commercial	2	0	9,220	35	30	0	0	1.8%	0.7%	65.2
11th St E/O Broadway	Commercial	2	0	8,160	35	30	0	0	1.8%	0.7%	64.6
11th St E/O Main St	Commercial	2	0	7,540	35	30	0	0	1.8%	0.7%	64.3
12th St W/O Olive St	Commercial	2	0	2,690	35	30	0	0	1.8%	0.7%	59.8
12th St E/O Olive St	Commercial	2	0	2,380	35	30	0	0	1.8%	0.7%	59.3
12th St W/O Broadway	Commercial	2	0	5,060	35	30	0	0	1.8%	0.7%	62.5
12th St E/O Broadway	Commercial	3	0	3,800	35	30	0	0	1.8%	0.7%	61.6
12th St W/O Los Angeles St	Commercial	4	0	3,750	35	30	0	0	1.8%	0.7%	62.1
12th St E/O Los Angeles St	Commercial	4	0	4,180	35	30	0	0	1.8%	0.7%	62.6
Pico Blvd W/O Hill Street	Commercial service	4	0	10,800	35	30	0	0	1.8%	0.7%	66.7
Pico Blvd W/O Broadway	Commercial service	4	0	10,820	35	30	0	0	1.8%	0.7%	66.7
Pico Blvd E/O Broadway	Commercial service	4	0	9,750	35	30	0	0	1.8%	0.7%	66.3
Olive St. S/O Olympic	Residential, Commercial service	4	0	11,450	35	40	0	0	1.8%	0.7%	65.2
Olive St. N/O 12th St	Residential, Commercial service	4	0	12,130	35	40	0	0	1.8%	0.7%	65.5
Olive St. S/O 12th St	Residential, Commercial service	4	0	11,280	35	40	0	0	1.8%	0.7%	65.2
Hill St. N/O Olympic	Commercial	3	0	13,940	35	30	0	0	1.8%	0.7%	67.2
Hill St. S/O Olympic	Commercial	3	0	12,960	35	30	0	0	1.8%	0.7%	66.9
Hill St. N/O 12th St	Commercial	3	0	10,650	35	30	0	0	1.8%	0.7%	66.1
Hill St. S/O 12th St	Commercial	4	0	12,510	35	40	0	0	1.8%	0.7%	65.6
Hill St. S/O Pico Blvd.	Commercial	4	0	12,780	35	40	0	0	1.8%	0.7%	65.7
Broadway S/O Olympic	Commercial service	4	0	18,800	35	40	0	0	1.8%	0.7%	67.4
Broadway N/O 12th St	Commercial service	4	0	20,150	35	40	0	0	1.8%	0.7%	67.7
Broadway S/O 12th St	Commercial service	4	0	18,950	35	40	0	0	1.8%	0.7%	67.4
Broadway S/O Pico Blvd.	Commercial service	4	0	17,990	35	40	0	0	1.8%	0.7%	67.2
Main St S/O Olympic	Commercial service	4	0	24,470	35	40	0	0	1.8%	0.7%	68.5
Main St N/O 12th St	Commercial service	4	0	23,390	35	40	0	0	1.8%	0.7%	68.4
Main St S/O 12th St	Commercial service	4	0	22,610	35	40	0	0	1.8%	0.7%	68.2

(1) Alpha Factor: Coefficient of absorption relating to the effects of the ground surface. An alpha factor of 0 indicates that the site is an acoustically "hard" site such as asphalt. An alpha factor of 0.5 indicates that the site is an acoustically "soft" site such as vegetative ground cover.

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

**Table IV.H-3
NOISE LEVEL CONTOURS - Future With Project Weekday Off-Site ADT Volumes**

ROADWAY NAME Segment	Land Use	Lanes	Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor (1)	Barrier Attn. dB(A)	Vehicle Mix		dB(A) CNEL
									Medium Trucks	Heavy Trucks	
Olympic Blvd W/O Hill Street	Commercial	6	0	27,570	35	40	0	0	1.8%	0.7%	70.4
Olympic Blvd E/O Hill Street	Commercial service	6	0	26,740	35	40	0	0	1.8%	0.7%	70.2
Olympic Blvd E/O Broadway	Residential, Commercial service	6	0	24,730	35	40	0	0	1.8%	0.7%	69.9
11th St W/O Olive St	Residential, Commercial service	2	0	9,000	35	30	0	0	1.8%	0.7%	65.0
11th St E/O Olive St	Commercial	2	0	8,440	35	30	0	0	1.8%	0.7%	64.8
11th St W/O Broadway	Commercial	2	0	10,100	35	30	0	0	1.8%	0.7%	65.6
11th St E/O Broadway	Commercial	2	0	8,510	35	30	0	0	1.8%	0.7%	64.8
11th St E/O Main St	Commercial	2	0	7,620	35	30	0	0	1.8%	0.7%	64.3
12th St W/O Olive St	Commercial	2	0	3,130	35	30	0	0	1.8%	0.7%	60.5
12th St E/O Olive St	Commercial	2	0	2,820	35	30	0	0	1.8%	0.7%	60.0
12th St W/O Broadway	Commercial	2	0	5,860	35	30	0	0	1.8%	0.7%	63.2
12th St E/O Broadway	Commercial	3	0	4,570	35	30	0	0	1.8%	0.7%	62.4
12th St W/O Los Angeles St	Commercial	4	0	3,840	35	30	0	0	1.8%	0.7%	62.2
12th St E/O Los Angeles St	Commercial	4	0	4,260	35	30	0	0	1.8%	0.7%	62.7
Pico Blvd W/O Hill Street	Commercial service	4	0	11,540	35	30	0	0	1.8%	0.7%	67.0
Pico Blvd W/O Broadway	Commercial service	4	0	11,420	35	30	0	0	1.8%	0.7%	67.0
Pico Blvd E/O Broadway	Commercial service	4	0	9,990	35	30	0	0	1.8%	0.7%	66.4
Olive St. S/O Olympic	Residential, Commercial service	4	0	11,590	35	40	0	0	1.8%	0.7%	65.3
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Olive St. S/O 12th St	Residential, Commercial service	4	0	11,280	35	40	0	0	1.8%	0.7%	65.2
Hill St. N/O Olympic	Commercial	3	0	14,090	35	30	0	0	1.8%	0.7%	67.3
Hill St. S/O Olympic	Commercial	3	0	13,400	35	30	0	0	1.8%	0.7%	67.1
Hill St. N/O 12th St	Commercial	3	0	11,810	35	30	0	0	1.8%	0.7%	66.5
Hill St. S/O 12th St	Commercial	4	0	13,510	35	40	0	0	1.8%	0.7%	66.0
Hill St. S/O Pico Blvd.	Commercial	4	0	13,300	35	40	0	0	1.8%	0.7%	65.9
Broadway S/O Olympic	Commercial service	4	0	19,240	35	40	0	0	1.8%	0.7%	67.5
Broadway N/O 12th St	Commercial service	4	0	22,340	35	40	0	0	1.8%	0.7%	68.2
Broadway S/O 12th St	Commercial service	4	0	21,430	35	40	0	0	1.8%	0.7%	68.0
Broadway S/O Pico Blvd.	Commercial service	4	0	19,320	35	40	0	0	1.8%	0.7%	67.5
Main St S/O Olympic	Commercial service	4	0	25,130	35	40	0	0	1.8%	0.7%	68.7
Main St N/O 12th St	Commercial service	4	0	23,920	35	40	0	0	1.8%	0.7%	68.4
Main St S/O 12th St	Commercial service	4	0	23,040	35	40	0	0	1.8%	0.7%	68.3

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