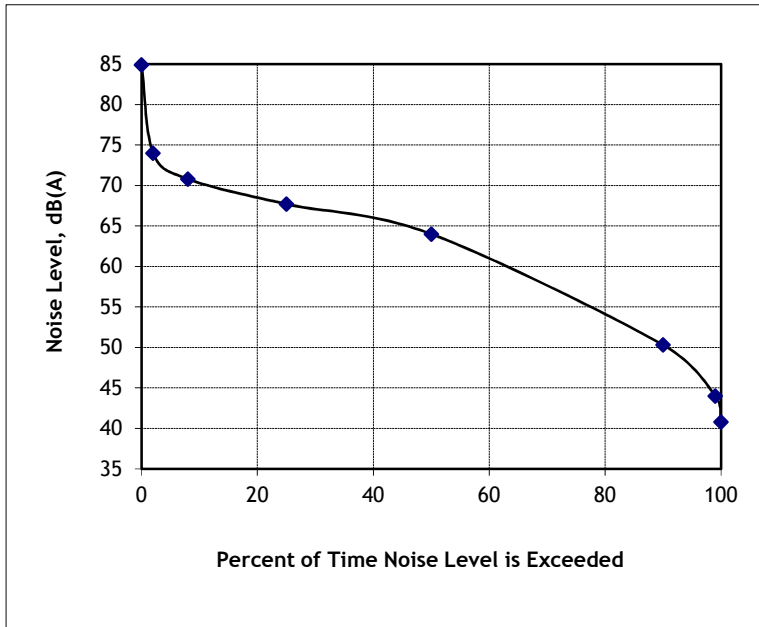

APPENDIX F - NOISE ASSESSMENT

F-1: NOISE MEASUREMENTS

Table I-1. Noise Survey

Project: PLAN Hermosa
 Position: #1; in front of 2703 El Oeste Dr.
 Date: August 27, 2014
 Time: Noted
 Noise Source: Ambient traffic
 SLM Height: 5'
 LD 820 S/N: 1632
 LD CAL200
 Calibrator S/N: 2916
 Operator: Cynthia Bordash

	Measurement Period		
	12:21 PM to 12:46 PM	to	to
n*	Ln	Ln	Ln
2	74.0		
8	70.8		
25	67.7		
50	64.0		
90	50.3		
99	44.0		
Leq	67.1		
Lmax	84.9		
Lmin	40.8		

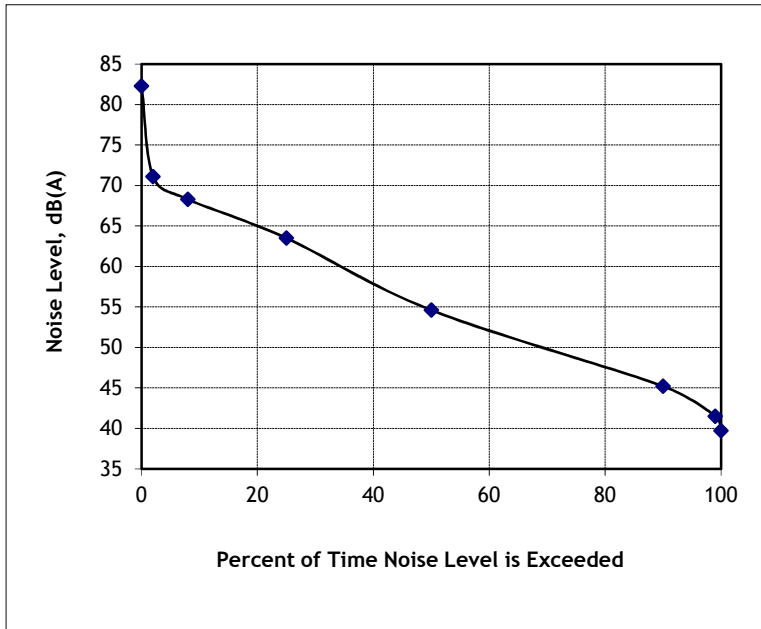


* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-2. Noise Survey

Project: PLAN Hermosa
 Position: #2; in front of 2491 Valley Dr.
 Date: August 27, 2014
 Time: Noted
 Noise Source: Ambient traffic
 SLM Height: 5'
 LD 820 S/N: 1632
 LD CAL200
 Calibrator S/N: 2916
 Operator: Cynthia Bordash

	Measurement Period		
	11:36 AM to 12:00 PM	to	to
n*	Ln	Ln	Ln
2	71.1		
8	68.3		
25	63.5		
50	54.6		
90	45.2		
99	41.5		
Leq	63.5		
Lmax	82.3		
Lmin	39.7		

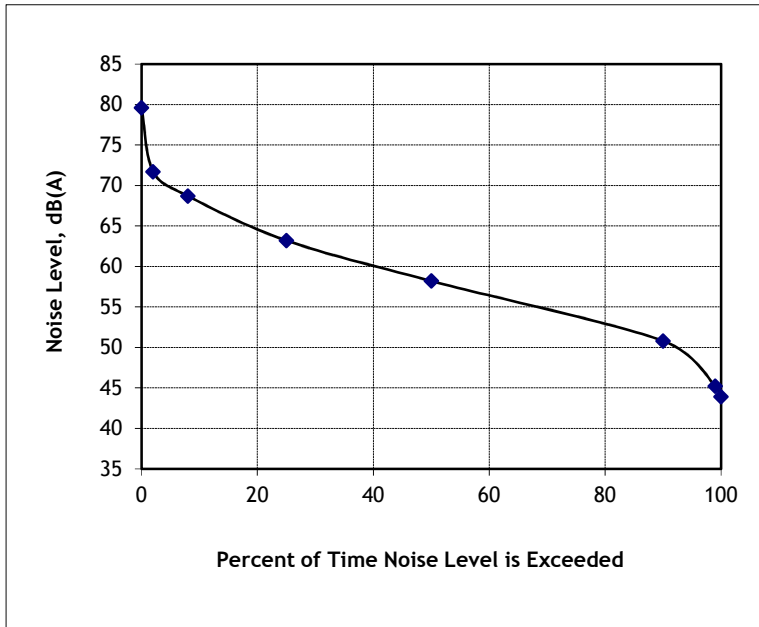


* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-3. Noise Survey

Project: PLAN Hermosa
 Position: #3; in front of 1838 Hermosa Ave.
 Date: August 26, 2014
 Time: Noted
 Noise Source: Ambient traffic
 SLM Height: 5'
 LD 820 S/N: 1632
 LD CAL200
 Calibrator S/N: 2916
 Operator: Cynthia Bordash

	Measurement Period		
	4:27 PM to 4:47 PM	to	to
n*	Ln	Ln	Ln
2	71.7		
8	68.7		
25	63.2		
50	58.2		
90	50.8		
99	45.2		
Leq	43.6		
Lmax	79.6		
Lmin	43.9		



* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-4. Measured Community Noise Equivalent Level, CNEL

Project: PLAN Hermosa
 Location: #4, 1901 Pacific Coast Highway
 Date: August 26-27, 2014

Measurement Period	Hourly Noise Level, dB(A)		Measurement Period	Hourly Noise Level, dB(A)
12:00 am - 1:00 am	60.7		12:00 pm - 1:00 pm	68.3
1:00 am - 2:00 am	58.3		1:00 pm - 2:00 pm	67.1
2:00 am - 3:00 am	56.2		2:00 pm - 3:00 pm	68.5
3:00 am - 4:00 am	65.7		3:00 pm - 4:00 pm	72.3
4:00 am - 5:00 am	60.7		4:00 pm - 5:00 pm	68.5
5:00 am - 6:00 am	64.7		5:00 pm - 6:00 pm	66.9
6:00 am - 7:00 am	67.3		6:00 pm - 7:00 pm	67.3
7:00 am - 8:00 am	67.4		7:00 pm - 8:00 pm	66.9
8:00 am - 9:00 am	68.2		8:00 pm - 9:00 pm	66.5
9:00 am - 10:00 am	67.7		9:00 pm - 10:00 pm	65.6
10:00 am - 11:00 am	68.6		10:00 pm - 11:00 pm	64.2
11:00 am - 12:00 pm	67.8		11:00 pm - 12:00 am	62.4
CNEL:				71.3

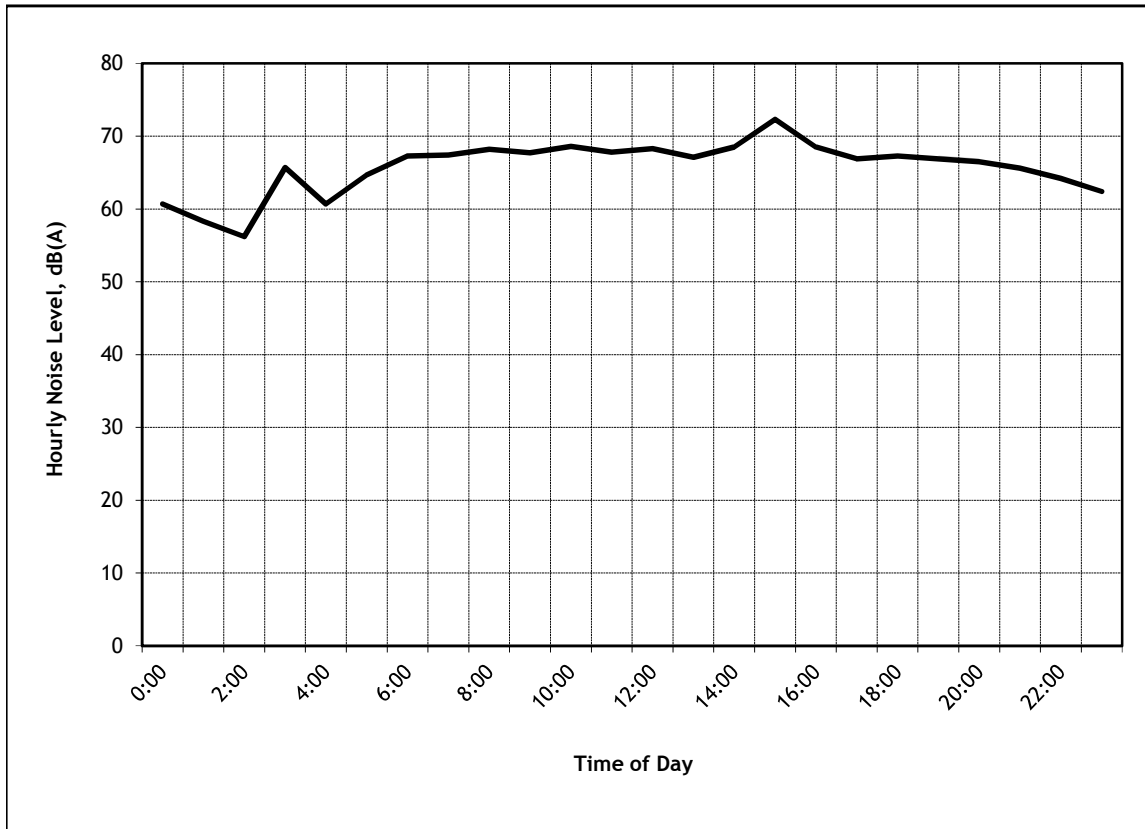
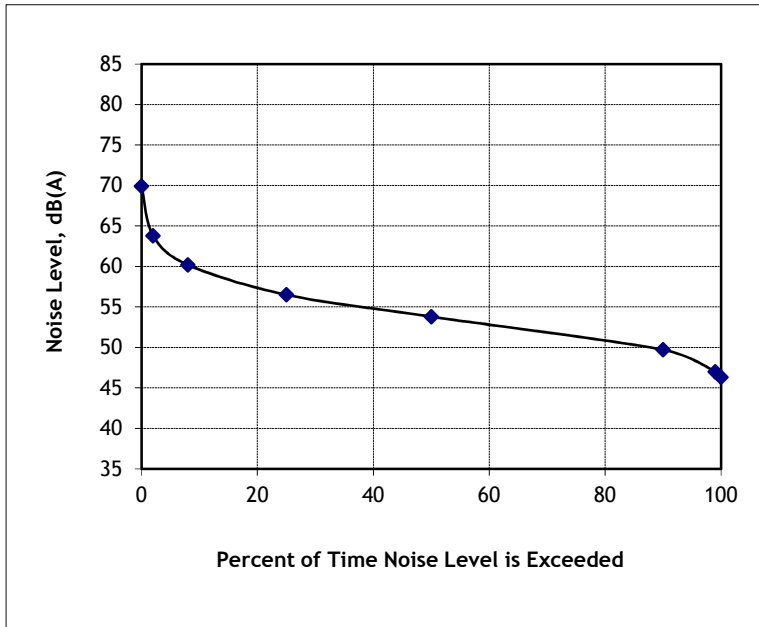


Table I-5. Noise Survey

Project: PLAN Hermosa
 Position: #5; in front of 237 Pier Ave.
 Date: August 27, 2014
 Time: Noted
 Noise Source: Ambient traffic
 SLM Height: 5'
 LD 820 S/N: 1632
 LD CAL200
 Calibrator S/N: 2916
 Operator: Cynthia Bordash

	Measurement Period		
	10:59 AM to 11:21 AM	to	to
n*	Ln	Ln	Ln
2	63.8		
8	60.2		
25	56.5		
50	53.8		
90	49.7		
99	47.0		
Leq	56.3		
Lmax	69.9		
Lmin	46.3		



* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-6. Noise Survey

Project: PLAN Hermosa

Position: #6; in front of 1021 Bonnie Brae St.

Date: August 27, 2014

Time: Noted

Noise Source: Ambient traffic; commercial/industrial

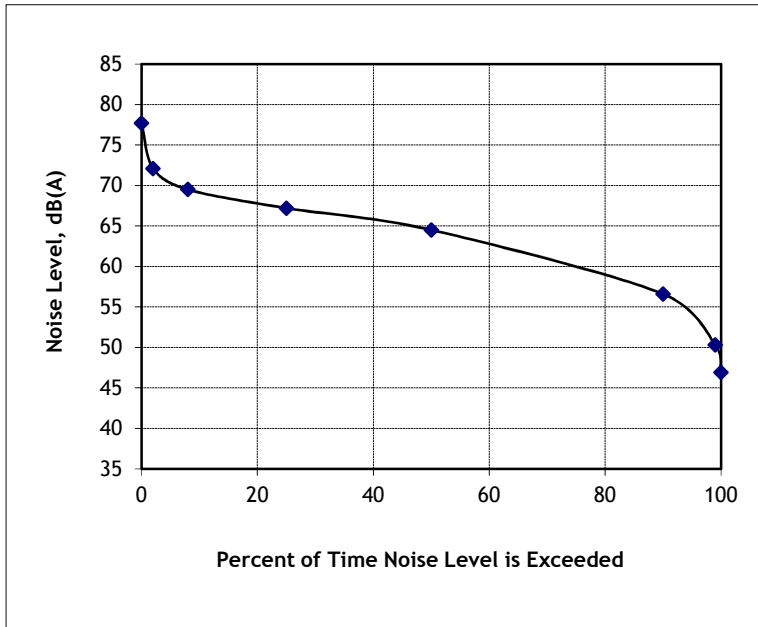
SLM Height: 5'

LD 820 S/N: 1632

LD CAL200
Calibrator S/N: 2916

Operator: Cynthia Bordash

	Measurement Period		
	10:18 AM to 10:40 AM	to	to
n*	Ln	Ln	Ln
2	72.1		
8	69.5		
25	67.2		
50	64.5		
90	56.6		
99	50.3		
Leq	66.0		
Lmax	77.7		
Lmin	46.9		

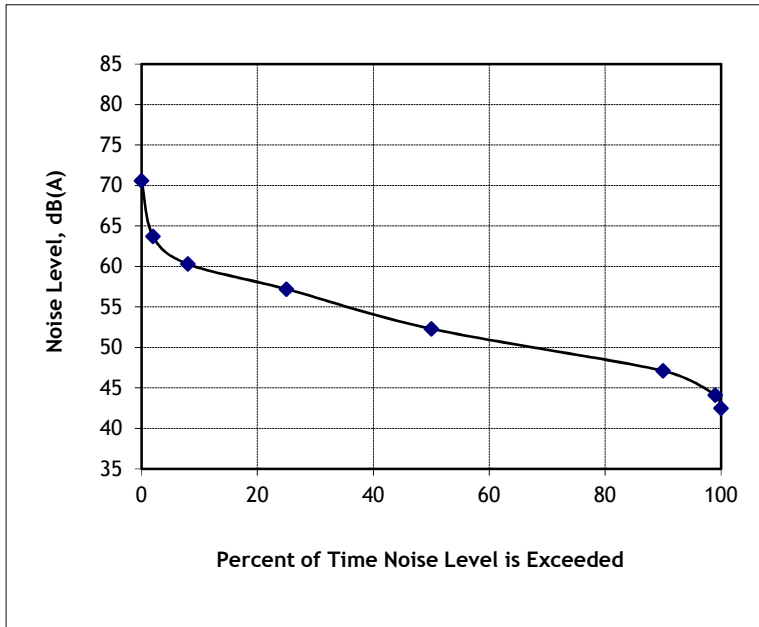


* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-7. Noise Survey

Project: PLAN Hermosa
 Position: #7; in front of 420 N. Ardmore Ave.
 Date: August 27, 2014
 Time: Noted
 Noise Source: Ambient traffic
 SLM Height: 5'
 LD 820 S/N: 1632
 LD CAL200
 Calibrator S/N: 2916
 Operator: Cynthia Bordash

	Measurement Period		
	1:07 PM to 1:38 PM	to	to
n*	Ln	Ln	Ln
2	63.7		
8	60.3		
25	57.2		
50	52.3		
90	47.1		
99	44.1		
Leq	56.2		
Lmax	70.6		
Lmin	42.5		



* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-8. Noise Survey

Project: PLAN Hermosa

Position: #8; in front of 104 Hermosa Ave.

Date: August 26, 2014

Time: Noted

Noise Source: Ambient traffic

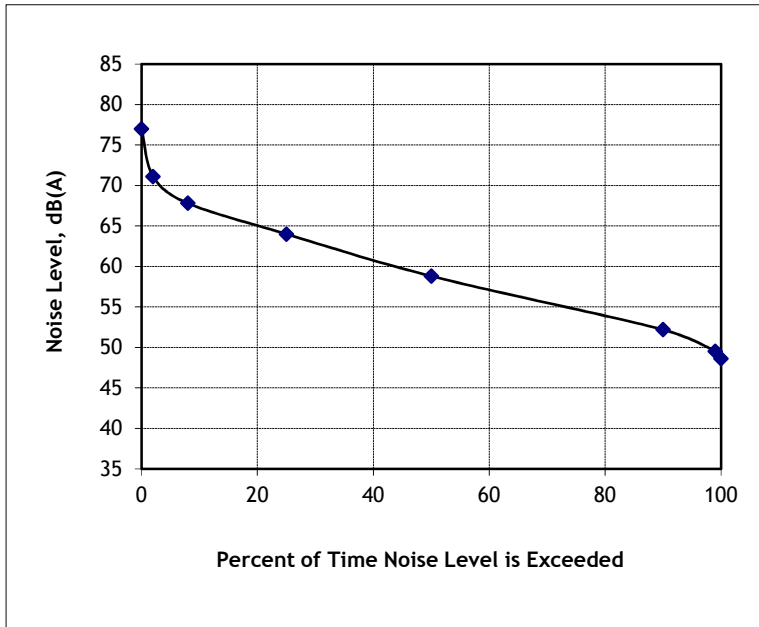
SLM Height: 5'

LD 820 S/N: 1632

LD CAL200
Calibrator S/N: 2916

Operator: Cynthia Bordash

	Measurement Period		
	3:52 PM to 4:14 PM	to	to
n*	Ln	Ln	Ln
2	71.1		
8	67.8		
25	64.0		
50	58.8		
90	52.2		
99	49.5		
Leq	63.2		
Lmax	77.0		
Lmin	48.6		

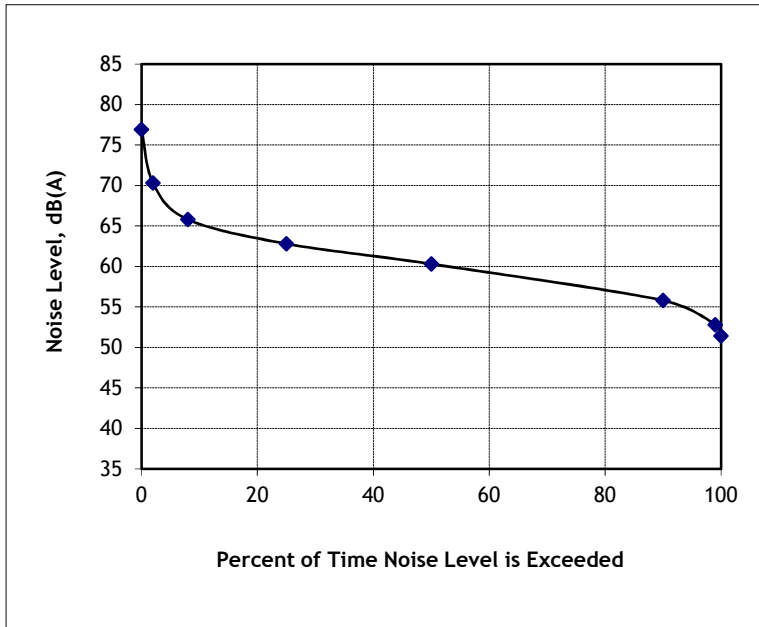


* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-9. Noise Survey

Project: PLAN Hermosa
 Position: #9; in front of 540 1st St.
 Date: August 26, 2014
 Time: Noted
 Noise Source: Ambient traffic
 SLM Height: 5'
 LD 820 S/N: 1632
 LD CAL200
 Calibrator S/N: 2916
 Operator: Cynthia Bordash

	Measurement Period		
	3:00 PM to 3:25 PM	to	to
n*	Ln	Ln	Ln
2	70.3		
8	65.8		
25	62.8		
50	60.3		
90	55.8		
99	52.8		
Leq	62.7		
Lmax	76.9		
Lmin	51.4		

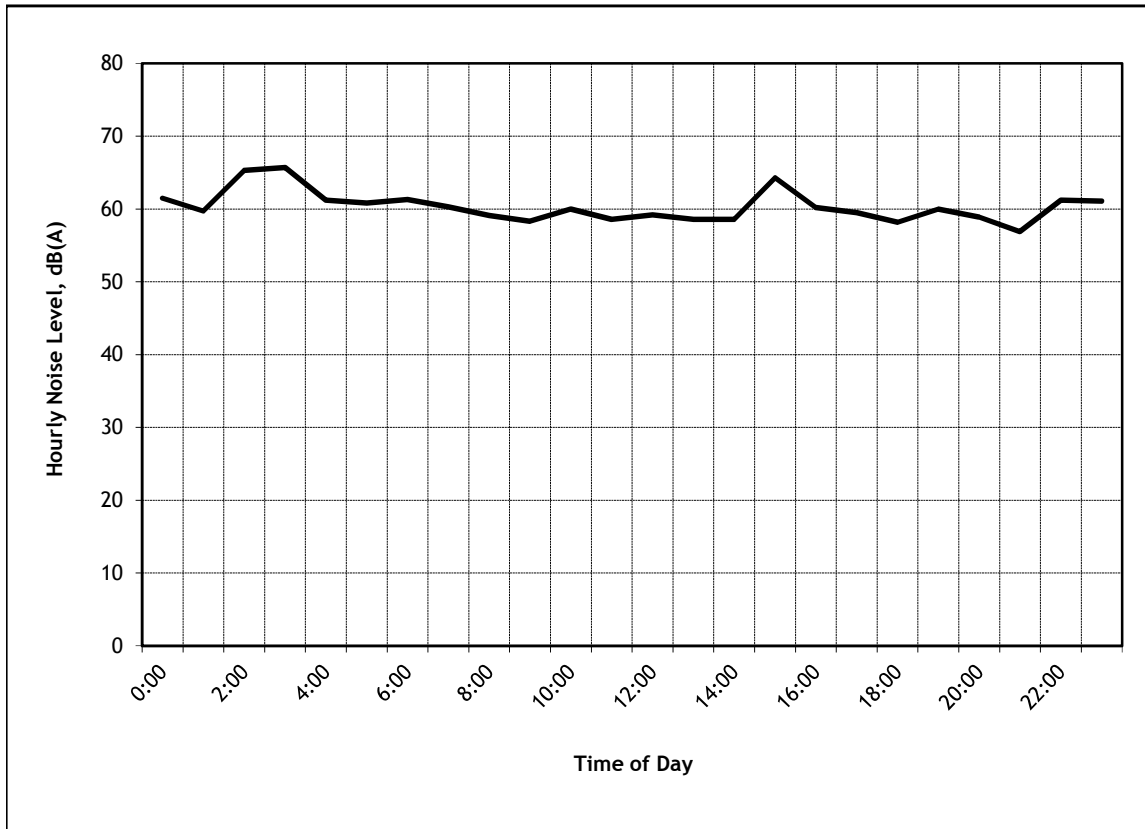


* Leq is the average sound level during the measurement period.
 Ln is the sound level exceeded n% of the time during the measurement period.
 Lmax and Lmin are the maximum and minimum sound levels during the measurement period.

Table I-10. Measured Community Noise Equivalent Level, CNEL

Project: PLAN Hermosa
 Location: #10, 117 Prospect Ave.
 Date: August 26-27, 2014

Measurement Period	Hourly Noise Level, dB(A)		Measurement Period	Hourly Noise Level, dB(A)
12:00 am - 1:00 am	61.5		12:00 pm - 1:00 pm	59.2
1:00 am - 2:00 am	59.7		1:00 pm - 2:00 pm	58.6
2:00 am - 3:00 am	65.3		2:00 pm - 3:00 pm	58.6
3:00 am - 4:00 am	65.7		3:00 pm - 4:00 pm	64.3
4:00 am - 5:00 am	61.2		4:00 pm - 5:00 pm	60.2
5:00 am - 6:00 am	60.8		5:00 pm - 6:00 pm	59.5
6:00 am - 7:00 am	61.3		6:00 pm - 7:00 pm	58.2
7:00 am - 8:00 am	60.3		7:00 pm - 8:00 pm	60.0
8:00 am - 9:00 am	59.1		8:00 pm - 9:00 pm	58.9
9:00 am - 10:00 am	58.3		9:00 pm - 10:00 pm	56.9
10:00 am - 11:00 am	60.0		10:00 pm - 11:00 pm	61.2
11:00 am - 12:00 pm	58.6		11:00 pm - 12:00 am	61.1
CNEL:				68.7



F-2: TRAFFIC MODEL

Table II-1. Distance to Existing CNEL Contour Lines, City of Hermosa Beach

Arterial / Reach	Speed Limit, mph	% Trucks		Traffic Dist.*	Avg. Daily Traffic Existing	Hard (H) or Soft (S) Site?	Barrier Details** (leave blank if none)		Dist., Sens. Rec. to C/L	CNEL at Sens. Rec.	Distance to CNEL Contours From Roadway Centerline, feet				
		Med.	Hvy.				Height (2-10m)	Distance (10/30m)			60dB	65dB	70dB	75dB	80dB
8TH STREET															
Hermosa Ave to Valley Dr	25	1.84%	0.74%	1	2,616	H			33'	56.8	--	--	--	--	--
Pacific Coast Hwy to Prospect Ave	25	1.84%	0.74%	2	350	H			33'	47.4	--	--	--	--	--
ARDMORE AVENUE															
16th St to 11th St	25	1.84%	0.74%	3	4,226	H			33'	58.2	--	--	--	--	--
11th St to 8th St	25	1.84%	0.74%	3	3,616	H			33'	57.5	--	--	--	--	--
8th St to 2nd St	25	1.84%	0.74%	4	3,005	H			33'	56.5	--	--	--	--	--
ARTESIA BOULEVARD															
Pacific Coast Hwy to Prospect Ave	40	1.84%	0.74%	5	26,354	H			175'	64.5	429	157	52	--	--
AVIATION BOULEVARD															
Pacific Coast Hwy to Prospect Ave	35	1.84%	0.74%	6	25,721	H			41'	69.9	358	126	40	--	--
GOULD AVENUE															
Ardmore Ave to Pacific Coast Hwy	25	1.84%	0.74%	7	13,256	H			33'	63.6	79	--	--	--	--
HERMOSA AVENUE															
27th St to 22nd St	30	1.84%	0.74%	8	8,374	H			45'	62.1	71	--	--	--	--
22nd St to 16th St	30	1.84%	0.74%	9	8,007	H			46'	61.8	65	--	--	--	--
16th St to 8th St	25	1.84%	0.74%	10	11,128	H			50'	61.9	76	--	--	--	--
8th St to Herondo St	30	1.84%	0.74%	11	9,077	H			47'	62.2	76	--	--	--	--
HERONDO STREET															
Hermosa Ave to Valley Dr	35	1.84%	0.74%	12	11,263	H			49'	65.1	156	50	--	--	--
PACIFIC COAST HIGHWAY															
Artesia Blvd to 16th St	35	2.54%	0.79%	13	43,854	H			46'	71.8	557	214	67	--	--
16th St to Aviation Blvd	30	2.54%	0.79%	13	43,854	H			89'	67.3	419	152	48	--	--
Aviation Blvd to 2nd St	30	2.54%	0.79%	14	51,437	H			98'	67.6	484	180	57	--	--
PIER AVENUE															
Hermosa Ave to Valley Dr	25	1.84%	0.74%	15	13,352	H			55'	62.2	91	--	--	--	--
Valley Dr to Ardmore Ave	30	1.84%	0.74%	16	13,833	H			65'	63.2	142	45	--	--	--
Ardmore Ave to Pacific Coast Hwy	30	1.84%	0.74%	16	14,314	H			52'	64.5	147	46	--	--	--

Table II-1, cont. Distance to Existing CNEL Contour Lines, City of Hermosa Beach

Arterial / Reach	Speed Limit, mph	% Trucks		Traffic Dist.*	Avg. Daily Traffic Existing	Hard (H) or Soft (S) Site?	Barrier Details** (leave blank if none)		Dist., Sens. Rec. to C/L	CNEL at Sens. Rec.	Distance to CNEL Contours From Roadway Centerline, feet				
		Med.	Hvy.				Height (2-10m)	Distance (10/30m)			60dB	65dB	70dB	75dB	80dB
PROSPECT AVENUE															
Artesia Blvd to Aviation Blvd	25	1.84%	0.74%	17	6,177	H			33'	59.4	--	--	--	--	--
Aviation Blvd to 2nd St	25	1.84%	0.74%	18	11,924	H			33'	62.6	62	--	--	--	--
VALLEY DRIVE															
Gould Ave to Pier Ave	25	1.84%	0.74%	19	5,044	H			33'	58.7	--	--	--	--	--
Pier Ave to 8th St	25	1.84%	0.74%	20	6,509	H			33'	59.5	--	--	--	--	--

Table II-1, cont. Distance to Existing CNEL Contour Lines, City of Hermosa Beach

* The following summarizes the traffic distributions used in the analysis:

Traffic Distribution No.	Day			Evening			Night		
	A	MT	HT	A	MT	HT	A	MT	HT
1	73.62%	1.52%	0.62%	14.32%	0.10%	0.02%	9.51%	0.19%	0.08%
2	80.51%	1.66%	0.68%	9.63%	0.07%	0.02%	7.22%	0.15%	0.06%
3	79.23%	1.64%	0.67%	11.80%	0.08%	0.02%	6.37%	0.13%	0.05%
4	81.16%	1.68%	0.69%	10.06%	0.07%	0.02%	6.15%	0.13%	0.05%
5	75.64%	1.56%	0.64%	12.72%	0.09%	0.02%	9.07%	0.18%	0.08%
6	70.38%	1.45%	0.60%	14.76%	0.11%	0.02%	12.33%	0.25%	0.11%
7	76.34%	1.58%	0.65%	12.66%	0.09%	0.02%	8.42%	0.17%	0.07%
8	76.60%	1.58%	0.65%	12.69%	0.09%	0.02%	8.14%	0.17%	0.07%
9	77.32%	1.60%	0.66%	12.26%	0.09%	0.02%	7.84%	0.16%	0.07%
10	71.87%	1.48%	0.61%	14.08%	0.10%	0.02%	11.49%	0.23%	0.10%
11	77.34%	1.60%	0.66%	12.41%	0.09%	0.02%	7.67%	0.16%	0.07%
12	72.78%	1.50%	0.62%	15.12%	0.11%	0.02%	9.57%	0.19%	0.08%
13	71.91%	1.49%	0.61%	13.60%	0.10%	0.02%	11.93%	0.24%	0.10%
14	71.32%	1.47%	0.60%	13.69%	0.10%	0.02%	12.43%	0.25%	0.11%
15	70.67%	1.46%	0.60%	16.26%	0.12%	0.03%	10.56%	0.21%	0.09%
16	70.29%	1.45%	0.60%	16.22%	0.12%	0.03%	10.99%	0.22%	0.09%
17	82.32%	1.70%	0.70%	10.03%	0.07%	0.02%	5.02%	0.10%	0.04%
18	80.24%	1.66%	0.68%	10.66%	0.08%	0.02%	6.49%	0.13%	0.06%
19	79.60%	1.64%	0.67%	12.56%	0.09%	0.02%	5.26%	0.11%	0.05%
20	82.54%	1.71%	0.70%	10.25%	0.07%	0.02%	4.58%	0.09%	0.04%

A = automobiles; MT = medium (2-axle) trucks; HT = heavy (3+ axle) trucks

The above values are adjusted as needed so that the overall medium truck and heavy truck percentages for a traffic distribution number agree with the values entered into the "% Trucks" columns on the summary table.

** For street segments with barriers, noise levels and contour distances are only reported for locations 10m (approx. 30') or more beyond the noise barrier.

Table II-2. Distance to Future 2040 No Project CNEL Contour Lines, City of Hermosa Beach

Arterial / Reach	Speed Limit, mph	% Trucks		Traffic Dist.*	Avg. Daily Traffic 2040	Hard (H) or Soft (S) Site?	Barrier Details** (leave blank if none)		Dist., Sens. Rec. to C/L	CNEL at Sens. Rec.	Distance to CNEL Contours From Roadway Centerline, feet				
		Med.	Hvy.				Height (2-10m)	Distance (10/30m)			60dB	65dB	70dB	75dB	80dB
8TH STREET															
Hermosa Ave to Valley Dr	25	1.84%	0.74%	1	2,500	H			33'	56.6	--	--	--	--	--
Pacific Coast Hwy to Prospect Ave	25	1.84%	0.74%	2	200	H			33'	45.0	--	--	--	--	--
ARDMORE AVENUE															
16th St to 11th St	25	1.84%	0.74%	3	4,400	H			33'	58.3	--	--	--	--	--
11th St to 8th St	25	1.84%	0.74%	3	3,800	H			33'	57.7	--	--	--	--	--
8th St to 2nd St	25	1.84%	0.74%	4	3,200	H			33'	56.8	--	--	--	--	--
ARTESIA BOULEVARD															
Pacific Coast Hwy to Prospect Ave	40	1.84%	0.74%	5	29,700	H			175'	65.0	472	177	57	--	--
AVIATION BOULEVARD															
Pacific Coast Hwy to Prospect Ave	35	1.84%	0.74%	6	22,900	H			41'	69.4	325	112	34	--	--
GOULD AVENUE															
Ardmore Ave to Pacific Coast Hwy	25	1.84%	0.74%	7	12,100	H			33'	63.2	71	--	--	--	--
HERMOSA AVENUE															
27th St to 22nd St	30	1.84%	0.74%	8	10,400	H			45'	63.1	90	--	--	--	--
22nd St to 16th St	30	1.84%	0.74%	9	10,000	H			46'	62.7	85	--	--	--	--
16th St to 8th St	25	1.84%	0.74%	10	13,300	H			50'	62.7	92	--	--	--	--
8th St to Herondo St	30	1.84%	0.74%	11	11,200	H			47'	63.1	94	--	--	--	--
HERONDO STREET															
Hermosa Ave to Valley Dr	35	1.84%	0.74%	12	11,100	H			49'	65.1	154	50	--	--	--
PACIFIC COAST HIGHWAY															
Artesia Blvd to 16th St	35	2.54%	0.79%	13	41,300	H			46'	71.6	529	202	63	--	--
16th St to Aviation Blvd	30	2.54%	0.79%	13	41,300	H			89'	67.0	397	143	45	--	--
Aviation Blvd to 2nd St	30	2.54%	0.79%	14	43,900	H			98'	66.9	426	155	49	--	--
PIER AVENUE															
Hermosa Ave to Valley Dr	25	1.84%	0.74%	15	13,400	H			55'	62.2	91	--	--	--	--
Valley Dr to Ardmore Ave	30	1.84%	0.74%	16	13,950	H			65'	63.2	143	45	--	--	--
Ardmore Ave to Pacific Coast Hwy	30	1.84%	0.74%	16	14,500	H			52'	64.6	148	47	--	--	--

Table II-2, cont. Distance to Future 2040 No Project CNEL Contour Lines, City of Hermosa Beach

Arterial / Reach	Speed Limit, mph	% Trucks		Traffic Dist.*	Avg. Daily Traffic Existing	Hard (H) or Soft (S) Site?	Barrier Details** (leave blank if none)		Dist., Sens. Rec. to C/L	CNEL at Sens. Rec.	Distance to CNEL Contours From Roadway Centerline, feet				
		Med.	Hvy.				Height (2-10m)	Distance (10/30m)			60dB	65dB	70dB	75dB	80dB
PROSPECT AVENUE															
Artesia Blvd to Aviation Blvd	25	1.84%	0.74%	17	8,000	H			33'	60.5	39	--	--	--	--
Aviation Blvd to 2nd St	25	1.84%	0.74%	18	14,700	H			33'	63.5	77	--	--	--	--
VALLEY DRIVE															
Gould Ave to Pier Ave	25	1.84%	0.74%	19	5,100	H			33'	58.7	--	--	--	--	--
Pier Ave to 8th St	25	1.84%	0.74%	20	6,800	H			33'	59.7	--	--	--	--	--

Table II-2, cont. Distance to Future 2040 No Project CNEL Contour Lines, City of Hermosa Beach

* The following summarizes the traffic distributions used in the analysis:

Traffic Distribution No.	Day			Evening			Night		
	A	MT	HT	A	MT	HT	A	MT	HT
1	73.62%	1.52%	0.62%	14.32%	0.10%	0.02%	9.51%	0.19%	0.08%
2	80.51%	1.66%	0.68%	9.63%	0.07%	0.02%	7.22%	0.15%	0.06%
3	79.23%	1.64%	0.67%	11.80%	0.08%	0.02%	6.37%	0.13%	0.05%
4	81.16%	1.68%	0.69%	10.06%	0.07%	0.02%	6.15%	0.13%	0.05%
5	75.64%	1.56%	0.64%	12.72%	0.09%	0.02%	9.07%	0.18%	0.08%
6	70.38%	1.45%	0.60%	14.76%	0.11%	0.02%	12.33%	0.25%	0.11%
7	76.34%	1.58%	0.65%	12.66%	0.09%	0.02%	8.42%	0.17%	0.07%
8	76.60%	1.58%	0.65%	12.69%	0.09%	0.02%	8.14%	0.17%	0.07%
9	77.32%	1.60%	0.66%	12.26%	0.09%	0.02%	7.84%	0.16%	0.07%
10	71.87%	1.48%	0.61%	14.08%	0.10%	0.02%	11.49%	0.23%	0.10%
11	77.34%	1.60%	0.66%	12.41%	0.09%	0.02%	7.67%	0.16%	0.07%
12	72.78%	1.50%	0.62%	15.12%	0.11%	0.02%	9.57%	0.19%	0.08%
13	71.91%	1.49%	0.61%	13.60%	0.10%	0.02%	11.93%	0.24%	0.10%
14	71.32%	1.47%	0.60%	13.69%	0.10%	0.02%	12.43%	0.25%	0.11%
15	70.67%	1.46%	0.60%	16.26%	0.12%	0.03%	10.56%	0.21%	0.09%
16	70.29%	1.45%	0.60%	16.22%	0.12%	0.03%	10.99%	0.22%	0.09%
17	82.32%	1.70%	0.70%	10.03%	0.07%	0.02%	5.02%	0.10%	0.04%
18	80.24%	1.66%	0.68%	10.66%	0.08%	0.02%	6.49%	0.13%	0.06%
19	79.60%	1.64%	0.67%	12.56%	0.09%	0.02%	5.26%	0.11%	0.05%
20	82.54%	1.71%	0.70%	10.25%	0.07%	0.02%	4.58%	0.09%	0.04%

A = automobiles; MT = medium (2-axle) trucks; HT = heavy (3+ axle) trucks

The above values are adjusted as needed so that the overall medium truck and heavy truck percentages for a traffic distribution number agree with the values entered into the "% Trucks" columns on the summary table.

** For street segments with barriers, noise levels and contour distances are only reported for locations 10m (approx. 30') or more beyond the noise barrier.

Table II-3. Distance to Future 2040 Plan Hermosa CNEL Contour Lines, City of Hermosa Beach

Arterial / Reach	Speed Limit, mph	% Trucks		Traffic Dist.*	Avg. Daily Traffic 2040	Hard (H) or Soft (S) Site?	Barrier Details** (leave blank if none)		Dist., Sens. Rec. to C/L	CNEL at Sens. Rec.	Distance to CNEL Contours From Roadway Centerline, feet				
		Med.	Hvy.				Height (2-10m)	Distance (10/30m)			60dB	65dB	70dB	75dB	80dB
8TH STREET															
Hermosa Ave to Valley Dr	25	1.84%	0.74%	1	2,500	H			33'	56.6	--	--	--	--	--
Pacific Coast Hwy to Prospect Ave	25	1.84%	0.74%	2	200	H			33'	45.0	--	--	--	--	--
ARDMORE AVENUE															
16th St to 11th St	25	1.84%	0.74%	3	4,000	H			33'	57.9	--	--	--	--	--
11th St to 8th St	25	1.84%	0.74%	3	3,450	H			33'	57.3	--	--	--	--	--
8th St to 2nd St	25	1.84%	0.74%	4	2,900	H			33'	56.4	--	--	--	--	--
ARTESIA BOULEVARD															
Pacific Coast Hwy to Prospect Ave	40	1.84%	0.74%	5	26,600	H			175'	64.6	433	159	52	--	--
AVIATION BOULEVARD															
Pacific Coast Hwy to Prospect Ave	35	1.84%	0.74%	6	20,700	H			41'	69.0	296	100	--	--	--
GOULD AVENUE															
Ardmore Ave to Pacific Coast Hwy	25	1.84%	0.74%	7	11,200	H			33'	62.9	65	--	--	--	--
HERMOSA AVENUE															
27th St to 22nd St	30	1.84%	0.74%	8	9,600	H			45'	62.7	83	--	--	--	--
22nd St to 16th St	30	1.84%	0.74%	9	9,200	H			46'	62.4	77	--	--	--	--
16th St to 8th St	25	1.84%	0.74%	10	12,100	H			50'	62.3	84	--	--	--	--
8th St to Herondo St	30	1.84%	0.74%	11	10,300	H			47'	62.7	87	--	--	--	--
HERONDO STREET															
Hermosa Ave to Valley Dr	35	1.84%	0.74%	12	10,100	H			49'	64.6	140	45	--	--	--
PACIFIC COAST HIGHWAY															
Artesia Blvd to 16th St	35	2.54%	0.79%	13	37,600	H			46'	71.2	494	186	59	--	--
16th St to Aviation Blvd	30	2.54%	0.79%	13	37,600	H			89'	66.6	369	130	41	--	--
Aviation Blvd to 2nd St	30	2.54%	0.79%	14	40,200	H			98'	66.5	395	142	45	--	--
PIER AVENUE															
Hermosa Ave to Valley Dr	25	1.84%	0.74%	15	12,400	H			55'	61.9	84	--	--	--	--
Valley Dr to Ardmore Ave	30	1.84%	0.74%	16	12,950	H			65'	62.9	132	42	--	--	--
Ardmore Ave to Pacific Coast Hwy	30	1.84%	0.74%	16	13,500	H			52'	64.2	138	44	--	--	--

Table II-3, cont. Distance to Future 2040 Plan Hermosa CNEL Contour Lines, City of Hermosa Beach

Arterial / Reach	Speed Limit, mph	% Trucks		Traffic Dist.*	Avg. Daily Traffic Existing	Hard (H) or Soft (S) Site?	Barrier Details** (leave blank if none)		Dist., Sens. Rec. to C/L	CNEL at Sens. Rec.	Distance to CNEL Contours From Roadway Centerline, feet				
		Med.	Hvy.				Height (2-10m)	Distance (10/30m)			60dB	65dB	70dB	75dB	80dB
PROSPECT AVENUE															
Artesia Blvd to Aviation Blvd	25	1.84%	0.74%	17	7,100	H			33'	60.0	33	--	--	--	--
Aviation Blvd to 2nd St	25	1.84%	0.74%	18	13,400	H			33'	63.1	69	--	--	--	--
VALLEY DRIVE															
Gould Ave to Pier Ave	25	1.84%	0.74%	19	4,700	H			33'	58.4	--	--	--	--	--
Pier Ave to 8th St	25	1.84%	0.74%	20	6,200	H			33'	59.3	--	--	--	--	--

Table II-3, cont. Distance to Future 2040 Plan Hermosa CNEL Contour Lines, City of Hermosa Beach

* The following summarizes the traffic distributions used in the analysis:

Traffic Distribution No.	Day			Evening			Night		
	A	MT	HT	A	MT	HT	A	MT	HT
1	73.62%	1.52%	0.62%	14.32%	0.10%	0.02%	9.51%	0.19%	0.08%
2	80.51%	1.66%	0.68%	9.63%	0.07%	0.02%	7.22%	0.15%	0.06%
3	79.23%	1.64%	0.67%	11.80%	0.08%	0.02%	6.37%	0.13%	0.05%
4	81.16%	1.68%	0.69%	10.06%	0.07%	0.02%	6.15%	0.13%	0.05%
5	75.64%	1.56%	0.64%	12.72%	0.09%	0.02%	9.07%	0.18%	0.08%
6	70.38%	1.45%	0.60%	14.76%	0.11%	0.02%	12.33%	0.25%	0.11%
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8	76.60%	1.58%	0.65%	12.69%	0.09%	0.02%	8.14%	0.17%	0.07%
9	77.32%	1.60%	0.66%	12.26%	0.09%	0.02%	7.84%	0.16%	0.07%
10	71.87%	1.48%	0.61%	14.08%	0.10%	0.02%	11.49%	0.23%	0.10%
11	77.34%	1.60%	0.66%	12.41%	0.09%	0.02%	7.67%	0.16%	0.07%
12	72.78%	1.50%	0.62%	15.12%	0.11%	0.02%	9.57%	0.19%	0.08%
13	71.91%	1.49%	0.61%	13.60%	0.10%	0.02%	11.93%	0.24%	0.10%
14	71.32%	1.47%	0.60%	13.69%	0.10%	0.02%	12.43%	0.25%	0.11%
15	70.67%	1.46%	0.60%	16.26%	0.12%	0.03%	10.56%	0.21%	0.09%
16	70.29%	1.45%	0.60%	16.22%	0.12%	0.03%	10.99%	0.22%	0.09%
17	82.32%	1.70%	0.70%	10.03%	0.07%	0.02%	5.02%	0.10%	0.04%
18	80.24%	1.66%	0.68%	10.66%	0.08%	0.02%	6.49%	0.13%	0.06%
19	79.60%	1.64%	0.67%	12.56%	0.09%	0.02%	5.26%	0.11%	0.05%
20	82.54%	1.71%	0.70%	10.25%	0.07%	0.02%	4.58%	0.09%	0.04%

A = automobiles; MT = medium (2-axle) trucks; HT = heavy (3+ axle) trucks

The above values are adjusted as needed so that the overall medium truck and heavy truck percentages for a traffic distribution number agree with the values entered into the "% Trucks" columns on the summary table.

** For street segments with barriers, noise levels and contour distances are only reported for locations 10m (approx. 30') or more beyond the noise barrier.

