

Appendix J2
LAX SPECIFIC PLAN AMENDMENT STUDY

Road Traffic Noise

July 2012

Prepared for:

Los Angeles World Airports
One World Way
Los Angeles, California 90045

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Attachments

Attachment 1 Noise Measurement Data

Attachment 2 Conversion of Road Traffic Noise L_{eq} to CNEL

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Attachment 1
Noise Measurement Data

Date 2/28/2012
Location RD 1 - Pershing Drive @ Waterview Street
Start Time 13:45
End Time 14:05

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S019 20 min Leq: 69.1 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	67.4	91.9	76.6	53.4	73.8	55	
2	74.1	98.2	84.1	56.4	80.9	57.2	Aircraft takeoff
3	66.2	88.8	73.8	51.7	72.5	53	
4	71.7	94.8	78.4	54.1	77.5	54.8	Aircraft takeoff
5	68.7	91	75.3	55.4	73.5	56.7	Motorcycle NB
6	67.8	89.4	76.7	53.3	74.3	54.3	
7	70.9	94.9	80.2	60	75	60.6	
8	67.1	87.9	74.5	58.2	72.2	59.3	Aircraft takeoff
9	64.2	88.9	72.9	50.5	71.5	51.7	
10	69.7	94.7	80	57.7	75.1	59.1	Aircraft takeoff
11	68.7	92.5	78.6	47.2	73.7	49.7	Aircraft takeoff
12	67.7	90.8	75.1	60.1	74.4	60.6	Aircraft takeoff
13	66.5	90.6	75.8	50.7	74	51.8	
14	72.1	92	77.6	60.5	76.1	62.7	Aircraft takeoff
15	66.9	88.1	75.2	47.7	73.5	48.3	
16	67.9	90.4	74.1	51.8	73.4	53.3	
17	66	92	76.2	48.1	72	49.4	Scooter SB
18	68	89.7	75.4	51.7	74	52.9	Aircraft takeoff
19	70	93.2	76.1	49.4	75.9	50.6	
20	66.5	90.1	76.2	50.1	73	51.2	

Notes:
 Aircraft and traffic on Pershing Drive.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 7

Location: Pershing Drive 8 ft from traveling lane. 55 mph

Traffic Direction	NB				SB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	29	2	0	0	0	0	6	23
Interval 2	29	6	0	0	0	0	3	16
Interval 3	22	1	0	0	0	0	2	23
Interval 4	34	2	1	0	0	0	2	17
Total	114	11	1	0	0	0	13	79

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	NB	SB	NB	SB
Car	114	79	342	237
MT	11	13	33	39
HT	1	0	3	0
Bus	0	0	0	0
Total	126	92	378	276

Date 2/29/2012
 Location RD 2 - W. Manchester Ave/Lincoln Blvd
 Start Time 11:09
 End Time 11:29

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S029 20 min Leq: 69.3 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	67.8	88.4	75	56.3	71.6	57.2	
2	70.4	88.1	75.4	66.8	72.5	67.4	
3	69.4	90.9	75.5	63.7	73.4	64.7	
4	68.3	92.3	72.7	61.8	72.1	62.5	
5	71.4	91.3	78.5	64.3	77.1	66.2	
6	68.5	87.9	75.2	63.7	72.3	64.7	
7	71.4	90.3	80.3	62.2	78.6	62.9	
8	68.6	90.2	75.3	61.2	73.7	63.1	
9	67.5	92.9	75.6	62.4	70.3	63.3	Dog bark once near meter
10	67.5	86.5	74.5	59.9	70.9	61.2	
11	68.2	85.8	71.5	56.8	71	58.2	
12	70.5	96.6	78.5	64.9	75.9	65.2	
13	71.5	93.7	77.9	64.9	77	65.2	
14	68.9	90.7	75.5	61.8	73.8	62.4	
15	67.4	89.6	71.9	60	71.2	61.5	
16	69.1	90.7	76.8	62.7	73.1	64.3	
17	69.9	89.4	75.6	65.7	74.4	66.3	
18	69.3	91.3	77.4	64	74.4	64.9	
19	68.7	92.9	75.7	64	74	64.8	
20	67.2	89.7	75.7	61.3	72.7	62.4	

Notes:
 No unusual noise events.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 11

Location: W. Manchester Ave 35 mph

Traffic Direction	WB				EB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	35	5	1	0	1	0	3	52
Interval 2	34	1	0	0	0	0	2	34
Interval 3	32	3	0	1	1	0	2	51
Interval 4	45	3	0	1	1	1	0	43
Total	146	12	1	2	3	1	7	180

Meter: Jamar TDC 12 S/N: T12-469
 Count 7

Location: Lincoln Blvd 35 mph

Traffic Direction	SB				NB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	69	1	1	0	0	2	3	110
Interval 2	57	1	2	0	0	0	3	101
Interval 3	83	2	0	0	0	1	1	102
Interval 4	78	1	0	0	0	2	2	92
Total	287	5	3	0	0	5	9	405

Traffic Summary

Vehicle Type	W. Manchester Ave		Lincoln Blvd		W. Manchester Ave		Lincoln Blvd	
	Vehicle per 20 min	Vehicle per Hour	Vehicle per 20 min	Vehicle per Hour	Vehicle per 20 min	Vehicle per Hour	Vehicle per 20 min	Vehicle per Hour
Car	146	180	438	540	287	405	861	1215
MT	12	7	36	21	5	9	15	27
HT	1	1	3	3	3	5	9	15
Bus	2	3	6	9	0	0	0	0
Total	161	191	483	573	295	419	885	1257

Date 2/29/2012
Location RD 3 - W. Manchester Ave @ Kentwood Ave
Start Time 10:38
End Time 10:58

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S028 20 min Leq: 75.4 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	71.5	97.3	79.8	62.6	75.6	63.5	
2	77.1	109.5	87.6	63.8	83.6	65.3	
3	74.7	95.2	82.1	56.4	80.3	57.5	
4	73.4	94.2	81	60.7	79.1	62.4	
5	73.6	94.3	80.9	55.2	79.5	55.9	
6	74.8	95.9	82.4	58.5	81.3	59.3	
7	71.4	93.3	79.6	61.8	76.8	63.2	
8	73.1	92.4	79.7	56.8	78.5	59.9	
9	72.5	94.7	81.3	51.5	79.6	51.9	
10	73.6	96.8	83.6	54.5	79.2	55.5	Aircraft noise
11	81.9	110.2	94.1	59.1	90.6	60.5	Loud scooter EB
12	77.5	105.8	88.6	53.7	83.4	54.2	Med truck carrying pipes WB
13	74.2	93.8	79.7	64.6	79.3	65.6	
14	77.1	100.8	85.9	66	80.9	66.3	City bus WB
15	75	98.6	84.6	53.5	80.4	54.1	City bus EB
16	71.6	91.4	78.3	60.6	76.4	61.2	
17	74.3	94.2	80.7	60.2	78.4	62.3	
18	75.2	95.3	81.9	61.9	80.6	62.4	
19	71.4	92.8	78.1	58.7	77.1	60.1	Aircraft landing
20	75.7	93.3	79.9	64.5	79.2	65.5	

Notes:
 Traffic on Manchester

Traffic Data

Meter: Jamar TDC 12 S/N: T12-469
 Counter 6

Location: W. Manchester Ave 12 ft from traveling lane 40 mph

Traffic Direction	EB				WB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	48	1	0	0	1	0	1	46
Interval 2	52	5	1	0	0	0	1	43
Interval 3	43	0	1	1	1	1	3	52
Interval 4	45	0	0	0	0	0	1	50
Total	188	6	2	1	2	1	6	191

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	EB	WB	EB	WB
Car	188	191	564	573
MT	6	6	18	18
HT	2	1	6	3
Bus	1	2	3	6
Total	197	200	591	600

Date 2/29/2012
Location RD 4 - Sepulveda Blvd @ 83rd St
Start Time 10:07
End Time 10:27

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S027 20 min Leq: 74.3 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	74.7	95.7	80.4	61.9	79.6	62.3	
2	73.2	93.2	78.6	61	77.4	62.7	Bus pass by lane closest to meter.
3	76.4	93.1	81.6	60.7	80	62	Aircraft overhead
4	74.3	96.5	81.3	60.7	79.1	61.3	
5	71.1	92.1	78.5	59.1	75.7	61.3	
6	75.2	95.1	81.5	62.3	79.4	64.4	
7	71.3	93	78.2	59.2	77.7	61.5	
8	73.5	99	80	58.5	78.9	59.2	
9	74.9	95.4	79.7	61.7	79.2	64.2	
10	75.6	98.2	83.7	61.6	80.4	63	
11	75.2	96.7	80.5	58	79	58.4	
12	73.3	95.5	79.3	61.6	77.7	65.6	
13	73.2	96.6	82.8	60.8	79.4	62.4	
14	74.8	97.8	81.5	59.6	79.8	60.5	
15	76.7	100.7	83.1	65.8	81.2	66.1	
16	72.4	97	80.3	56	79	56.6	
17	74.8	95.7	80.6	58.6	79	59.7	
18	69.5	91.3	76.9	59	75.2	60	Aircraft nearby
19	74.5	97.1	80.8	60	79.7	61	
20	74.7	99.8	81.3	65.8	79.5	67.6	

Notes:
 Traffic on Sepulveda

Traffic Data

Meter: Jamar TDC 12 S/N: T12-469
 Counter 5

Location: Sepulveda Blvd 5 ft from traveling lane 40 mph

Traffic Direction	NB				SB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Vehicle Type	5	6	7	8	13	14	15	16
Bin	5	6	7	8	13	14	15	16
Interval 1	84	5	0	1	0	1	3	101
Interval 2	102	0	1	1	2	1	0	94
Interval 3	96	2	0	0	1	2	3	82
Interval 4	81	1	0	0	0	0	2	78
Total	363	8	1	2	3	4	8	355

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	NB	SB	NB	SB
Car	363	355	1089	1065
MT	8	8	24	24
HT	1	4	3	12
Bus	2	3	6	9
Total	374	370	1122	1110

Date 2/29/2012
Location RD 5 - S La Tijera Blvd @ Sepulveda Eastway
Start Time 9:35
End Time 9:55

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S026 20 min Leq: 68.0 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	66.6	85.3	72.1	50.5	71.3	51.5	
2	63.7	84.6	70.5	55	69.1	56	
3	69.4	89.2	75.6	55	74.6	58	
4	67.6	90.8	76.4	52.4	71.7	54.2	
5	65.7	87	70.1	56.1	69	59.7	
6	67.2	88.9	75.2	54.4	74	56	
7	67.5	88.4	75.4	57.8	71.8	60.2	
8	65.5	87.1	72.5	56.3	71.6	57.6	
9	68.9	90.5	74.9	52.7	73.7	54.8	
10	65.9	89.1	75	52.2	73.6	52.9	
11	66.1	87	72.2	54.7	70.8	56	
12	67.7	90.1	74.9	60.8	73	61.6	
13	64.8	85.3	70.4	59.4	68.5	60.2	Children outside eating lunch.
14	66	85.9	72.6	58.1	70.6	60	
15	71.9	95	81.4	60	77.4	63.4	
16	69	91.1	76.5	56.3	75.1	57.7	
17	66.4	86.2	76.3	57.5	70.9	58.5	
18	70.6	92.8	78.1	62.5	75.9	64.3	
19	70	89.3	79.2	59.7	75.1	61.1	
20	70	91.9	77.4	59.2	76.3	60.6	

Notes:
 Traffic on La Tijera

Traffic Data

Meter: Jamar TDC 12 S/N: T12-469
 Count 4

Location: S La Tijera Blvd 8 ft from traveling lane 25 mph

Traffic Direction	WB				EB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	44	0	0	0	0	0	0	32
Interval 2	43	1	0	0	0	0	0	27
Interval 3	31	1	0	0	0	0	2	23
Interval 4	49	0	1	1	0	1	1	25
Total	167	2	1	1	0	1	3	107

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	WB	EB	WB	EB
Car	167	107	501	321
MT	2	3	6	9
HT	1	1	3	3
Bus	1	0	3	0
Total	171	111	513	333

Date 2/29/2012
Location RD 6 - Westchester Pkwy @ Will Rogers St
Start Time 9:04
End Time 9:24

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S025 20 min Leg: 69.5 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	70.9	94.1	80.9	58.8	77.2	60.1	
2	68.3	87.6	73.8	58.5	72.1	59.1	
3	69.9	92.3	78.6	63.5	73.8	64.3	
4	73.1	94.2	81.6	63.5	80.8	64.4	Aircraft landing
5	70.3	92.4	75.7	64.1	75.2	65.1	Street sweeper EB
6	68.2	90.2	75.6	58	73.1	59.6	Man on bicycle shouting into his phone WB
7	67.4	91.2	75.3	57.6	73.3	58.1	
8	63.2	84.9	71	53	68.1	53.9	
9	70.2	91.8	76.3	58	75.4	59.6	
10	67.6	88.6	76	55.1	73.3	55.8	
11	67.6	91.8	78	56.8	73.4	57.6	
12	72.6	93.6	80.6	61.6	80	62.7	Aircraft landing
13	66.7	89	74.9	52.4	72.3	53	
14	71.4	94.5	81.3	57.9	79.6	58.7	Aircraft landing
15	69.1	89.6	75.6	55.3	74.8	56.8	
16	67.4	86.5	73.6	57	72.2	59.2	
17	71.1	92.8	80.3	53	79	53.6	Aircraft landing
18	69.7	88	75.3	58.3	74.4	59.1	
19	67.5	88.6	74.9	56.8	73.3	57.8	
20	64.2	88.3	71.7	48.6	70.3	50.1	

Notes:
 Traffic on Westchester main noise source.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-469
 Count 3

Location: Westchester Pkwy 3 ft from traveling lane 40 mph

Traffic Direction	EB				WB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	36	5	2	0	0	0	0	39
Interval 2	28	0	1	0	0	0	0	26
Interval 3	27	0	1	0	0	2	1	28
Interval 4	22	1	2	0	0	0	1	29
Total	113	6	6	0	0	2	2	122

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	EB	WB	EB	WB
Car	113	122	339	366
MT	6	2	18	6
HT	6	2	18	6
Bus	0	0	0	0
Total	125	126	375	378

Date 2/29/2012
Location RD 7 - Airport Blvd @ Interceptor St
Start Time 8:30
End Time 8:50

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S024 20 min Leq: 72.9 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	73.5	92.3	79.6	62.1	77.9	62.8	Aircraft landing
2	73.1	96.2	81	60.2	77.9	61.1	
3	73.7	92.1	79.4	61.4	77.2	62.5	Aircraft landing
4	73.6	94	80.5	54.2	79	56.8	
5	72	93.7	80.3	58.7	77.4	60.2	
6	73.9	94.3	81.3	61.7	80.2	62.4	Aircraft landing
7	72.6	95.6	78.1	56.5	76.7	57.5	
8	71.4	88.8	76.6	60.8	75.2	62.9	Aircraft landing
9	72.2	91.8	78.6	60.5	76.7	62.5	
10	72.2	92.5	78.5	64.4	76.8	64.9	
11	73.4	94	79.8	64.1	77.2	64.7	
12	72	92.6	79.7	59.1	77.5	61	
13	73.8	99.1	80.3	60.5	78.9	62	
14	69.7	96.7	78.9	57.5	76	58.4	
15	72.6	95.2	79	61.8	77.8	64.4	
16	73.9	95.3	80.6	57.3	78.9	59.2	Crow crying on power line near meter
17	72.2	93.2	77.7	59.6	76.5	60.9	
18	73.6	96.3	81.9	63.1	79.5	64.1	
19	73.1	93.8	79	55.2	77.6	56.1	
20	73	92.8	78.6	66	77.1	68	

Notes:
 Traffic on Airport Blvd main noise source.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-469
 Count 2

Location: Airport Blvd 8 ft from traveling lane 35 mph

Traffic Direction	SB				NB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	79	4	1	0	0	0	4	58
Interval 2	73	2	0	0	0	0	3	42
Interval 3	66	2	1	0	0	1	3	38
Interval 4	61	8	1	0	0	1	0	54
Total	279	16	3	0	0	2	10	192

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	SB	NB	SB	NB
Car	279	192	837	576
MT	16	10	48	30
HT	3	2	9	6
Bus	0	0	0	0
Total	298	204	894	612

Date 2/28/2012
Location RD 8 - W Arbor Vitae St @ S Ash Ave
Start Time 9:16
End Time 9:36

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S013 20 min Leq: 68.5 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	67.8	90.9	76.9	53.3	74.1	53.6	
2	65.3	85.7	71.3	54.9	69.6	55.3	
3	66	94.1	73.8	55.3	71.4	56.1	
4	72.6	92	79.9	56.8	78.6	59.3	
5	66.4	90.3	76.2	55.5	71.2	56.3	Aircraft overhead.
6	68	86.2	73.4	52.9	72.9	53.8	Aircraft landing.
7	64.3	87.8	73.3	54	70.3	55	
8	64.8	87.9	75.1	53.4	71.9	53.8	
9	68.4	91.4	78.1	55.5	75.4	56.3	
10	69.5	98.7	78.1	53.9	77.1	54.7	Aircraft landing.
11	62.5	87.5	72	52.9	68.8	53.3	
12	68.5	89.3	76.3	56.8	73.7	57.5	Aircraft landing.
13	75.6	102.6	89.2	56.4	83.2	57.5	Loud diesel pick up truck EB.
14	66.5	90.3	75	54.7	72.3	55.2	
15	66.2	90	73.8	54.4	71.4	55.4	
16	67.9	88.8	73.9	54.1	73	55.6	
17	66.2	88.9	75.3	55.5	72.5	56.4	
18	64.6	86.1	72.2	52.8	70	53.2	
19	67.2	89.2	74.6	53.5	71.8	54	
20	68.6	90	74.2	53.3	73.3	54.1	Aircraft landing.

Notes:
 Traffic on Arbor Vitae major source of noise.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 2

Location: W Arbor Vitae St 8 ft from traveling lane 35 mph

Traffic Direction	WB				EB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	26	1	0	0	0	0	9	17
Interval 2	14	3	1	0	0	0	2	17
Interval 3	21	2	0	1	0	1	3	19
Interval 4	34	2	1	0	0	0	1	24
Total	95	8	2	1	0	1	15	77

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	WB	EB	WB	EB
Car	95	77	285	231
MT	8	15	24	45
HT	2	1	6	3
Bus	1	0	3	0
Total	106	93	318	279

Date 2/28/2012
Location RD 9 - W Century Blvd @ Inglewood Ave
Start Time 9:51
End Time 10:11

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S014 20 min Leq: 74.9 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	75.1	101.2	81.6	65.4	79.7	66.6	
2	73.4	98.7	79.6	62.8	77.6	63.4	Aircraft landing.
3	73	101.2	80.1	62.1	78.9	63.1	
4	77.3	105.3	87.1	63.3	85.5	64.2	
5	75	102.8	80.8	63.5	79.6	64.3	
6	76.2	106.4	82.6	65.1	81.1	66.4	2 tractor trailers pass by. Aircraft landing.
7	75.8	101.7	83.1	65.4	81.6	66.7	
8	75.3	107.1	82.1	60.1	80.8	60.9	
9	73.8	99.6	81.3	60.9	80	61.8	
10	75.1	106.6	83.9	62	80.1	63.3	
11	74.3	100.9	82.6	59.5	78.8	60.7	2 short car horns.
12	73.6	101.3	79.8	62.1	78.6	63.1	
13	76	102.2	83.1	63.1	81.4	65.9	
14	73.7	99.7	80	62.4	78.4	63.5	Motor home in lane closest to meter.
15	73.4	98.4	83.2	64.2	81	64.8	Aircraft landing.
16	70.6	101.1	79	58.5	75.6	59.1	
17	75.8	103.3	82.5	65.2	81.1	66.3	Passing car pressing horns on EB lane.
18	73.3	100.1	80.5	59.3	78.4	61.4	Metro bus in lane closest to meter.
19	76.8	101.6	85.1	62.9	82.8	63.9	Garbage truck WB.
20	76.1	103.9	82.3	64.7	80.8	65.8	

Notes:
 Century Blvd traffic major noise source.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 3

Location: W Century Blvd 1 ft from traveling lane 40 mph

Traffic Direction	EB				WB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	53	2	1	0	0	2	4	62
Interval 2	42	1	1	0	0	3	3	76
Interval 3	65	4	0	0	0	0	4	71
Interval 4	37	2	0	1	1	2	1	66
Total	197	9	2	1	1	7	12	275

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	EB	WB	EB	WB
Car	197	275	591	825
MT	9	12	27	36
HT	2	7	6	21
Bus	1	1	3	3
Total	209	295	627	885

Date 2/28/2012
Location RD 10 - Lenox Middle School (W 111th Pl near S Redfern Ave)
Start Time 10:24
End Time 10:44

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S015 20 min Leq: 63.6 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	58	78.1	63.7	55.3	62.9	55.7	
2	64.6	88	72.2	56.8	69.7	57.5	
3	58	92.1	59.6	56.8	58.9	57.1	
4	58	79.3	64	55.7	60.7	56	
5	58.6	81.8	63.8	54	62.7	54.2	
6	55.3	71.7	56.3	54.3	56.2	54.8	
7	56.7	89.4	60.9	53	60.3	53.3	
8	54.1	73.9	57.1	52.4	55.9	52.7	
9	53.4	83	56.6	52	55.1	52.4	
10	54.8	77.9	63.3	52.5	56.9	52.9	
11	54.5	76.9	57.6	52.7	55.8	53.2	
12	55.7	70.7	57	54.4	56.6	54.9	
13	56.3	85.7	62.8	55.1	57.2	55.4	
14	56.7	77.7	62.2	55	58.4	55.5	
15	57.8	75.8	62.7	55.8	60	56.5	
16	74.8	92.8	79.1	58.2	78.9	59.4	Sit on top mower goes past meter. Aircraft landing. Car pass by on 111th Pl.
17	64.1	81	68.7	58	67.6	58.7	
18	62.4	85.5	66	59.1	64.7	59.9	Aircraft landing.
19	61	82.3	66.5	58	63.2	59.3	
20	59.9	83.5	61.8	57.1	61.5	57.6	

Notes:
 Freeway major source of noise.
 Children in PE class outside playing basketball.

Date 2/28/2012
 Location RD 11 - W Imperial Hwy @ Birch Ave
 Start Time 15:37
 End Time 15:57

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S021 20 min Leq: 74.4 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	73.6	95.9	79.9	62.4	77.7	63.5	
2	75.9	102.1	85.6	59.4	83	60.8	
3	75.8	98	82.1	64.9	80.2	66.8	
4	73.9	95.9	81.7	62.6	78.9	63.7	
5	75.2	98.5	79.8	66.6	78.8	67.9	
6	71.1	94.9	80.9	57.5	78	60.4	
7	74.8	98.7	83.6	63.1	79.2	65.5	
8	71.2	98.7	82.1	61.5	78.1	62.9	
9	75.7	98.2	82.1	65.7	79.3	68.2	
10	73.3	108.8	80.9	64.9	79.7	65.9	
11	74.4	94.9	80.4	62.3	78.6	63.8	
12	73.1	99.5	84.5	59.4	79.7	60.5	
13	76.2	99.5	84	62.7	80.6	64.6	Med truck in lane closest to meter
14	72.8	98.2	79.4	59.8	78.4	62.6	
15	74.7	97	81	60.4	79	61.7	
16	72.1	99.8	79.3	60.6	77.9	61.7	
17	76.5	100.9	84.3	60.7	81.2	61.8	
18	73.3	99.5	79.9	63	77.7	64.6	
19	75.3	97.7	80.8	66.4	79.4	67.4	
20	72.9	98.6	82.2	58.2	79.8	60.9	FedEx delivery truck drive by next to meter

Notes:
 Imperial Hwy traffic major source of noise.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 9

Location: W Imperial Hwy 3 ft from traveling lane. 35 mph

Traffic Direction	WB				EB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	48	0	1	1	0	1	0	143
Interval 2	44	1	0	1	0	2	5	105
Interval 3	46	4	0	0	0	3	3	143
Interval 4	59	3	0	0	0	0	7	108
Total	197	8	1	2	0	6	15	499

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	WB	EB	WB	EB
Car	197	499	591	1497
MT	8	15	24	45
HT	1	6	3	18
Bus	2	0	6	0
Total	208	520	624	1560

Date 2/28/2012
 Location RD 12 - S La Cienega Blvd/W 120th St
 Start Time 16:16
 End Time 16:36

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S022 20 min Leq: 69.3 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	67.3	86.4	73.7	61.4	72.1	61.8	
2	70.5	103.5	85.9	60.2	76.8	60.8	
3	72.5	102.3	86.7	62.4	76.5	63.5	
4	66.3	87.1	69.8	62	69.4	62.5	
5	71	91.2	78	63.6	76.8	64.3	
6	65.8	84	71.5	62	70.1	62.3	
7	72.1	95.2	82	61.7	78.9	62.5	
8	65.1	81.8	69.2	61	68.8	61.5	
9	66.1	84.9	71.3	61.3	69.8	61.7	
10	68.6	89.5	75.9	63.7	72.1	64.2	
11	69.5	100.5	77.3	60.7	75.9	61.6	
12	68	86.6	72	62.5	70.5	63.1	
13	67.1	92.7	74.2	60.6	71.9	61.1	
14	67.4	88.7	73.6	61	71.7	61.3	
15	70	87.7	74.7	62.7	73.4	63.7	Music from school PA
16	66.5	85.2	71.7	62	70.3	62.7	Music from school PA
17	70	88.8	75.9	62.6	75	63.2	
18	68.4	87.2	73.4	61.9	72.3	62.4	
19	69.6	87.1	73.7	62.4	73	63.3	Dump truck turning R from EB 120th to SB La Cienega
20	72.4	98.2	79.9	64.3	78.4	65.2	

Notes:
 Freeway and local road traffic

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 10

Location: S La Cienega Blvd 40 mph

Traffic Direction	NB				SB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	34	1	1	0	0	0	3	33
Interval 2	28	1	0	0	1	0	2	38
Interval 3	25	0	1	0	0	1	4	36
Interval 4	28	0	0	0	0	3	1	32
Total	115	2	2	0	1	4	10	139

Meter: Jamar TDC 12 S/N: T12-469
 Count 1

Location: W 120th St 35 mph

Traffic Direction	WB				EB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	10	2	0	1	0	0	1	40
Interval 2	21	3	0	0	0	0	0	41
Interval 3	20	1	0	0	0	0	0	47
Interval 4	22	1	0	1	0	2	5	54
Total	73	7	0	2	0	2	6	182

Traffic Summary

Vehicle Type	S La Cienega Blvd		W 120th St		Vehicle per 20 min		Vehicle per Hour	
	NB	SB	NB	SB	WB	EB	WB	EB
Car	115	139	345	417	73	182	219	546
MT	2	10	6	30	7	6	21	18
HT	2	4	6	12	0	2	0	6
Bus	0	1	0	3	2	0	6	0
Total	119	154	357	462	82	190	246	570

Date 2/28/2012
 Location RD 13 - Aviation Blvd @ W 122nd St
 Start Time 11:05
 End Time 11:25

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S016 20 min Leq: 65.4 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	66.6	85.9	72.5	55.2	71.2	55.9	
2	65.9	91.3	71.7	55.4	70.9	56.9	
3	64	83.6	70.4	55.4	69.2	56.9	
4	63.7	83.1	69.4	51	68.5	51.9	
5	66.1	86.3	73.9	51.8	72.7	52.5	
6	66.8	88.9	73.4	58.1	72	60.6	Diesel heavy work truck on side street.
7	67.8	88.1	73.7	59.7	72.3	61.3	
8	64.6	87.9	71.4	49.3	70.1	49.7	
9	66.1	84.6	71.7	52.4	71.4	53.2	Semi on Aviation.
10	66.4	85	69.8	56.4	69.4	59.5	
11	66.4	85.5	71.1	55.4	70.6	56.5	
12	65	84.8	70.5	51.1	70	51.6	Plane overhead.
13	63.9	85.4	72.2	49.7	71.8	50.4	
14	64.3	82.5	71.4	50.6	69.5	52.1	
15	66.8	83.3	71.1	56.5	70	59.3	
16	62.6	80.4	67.1	54	65.7	55.1	
17	63.1	86.8	69.7	51.9	68	52.6	
18	66.1	85.8	72.9	52	72.1	52.6	
19	61.6	80.7	67.8	50.8	66.6	51.1	
20	65.7	93.4	77.1	49.8	73.9	51.2	

Notes:
 Traffic on Aviation major source of noise.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 4

Location: Aviation Blvd 45 ft from traveling lane 40 mph

Traffic Direction	SB				NB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	32	1	1	0	0	1	2	34
Interval 2	31	1	2	0	1	1	0	44
Interval 3	43	0	0	0	0	1	2	41
Interval 4	31	0	1	0	0	2	0	21
Total	137	2	4	0	1	5	4	140

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	SB	NB	SB	NB
Car	137	140	411	420
MT	2	4	6	12
HT	4	5	12	15
Bus	0	1	0	3
Total	143	150	429	450

Side Street

Vehicle per 20 min		Vehicle per Hour	
SB	NB	SB	NB
2	3	6	9
0	1	0	3
0	1	0	3
0	0	0	0
2	5	6	15

Date 2/28/2012
Location RD 14A - Sheraton (W Century Blvd/W 98th St/Avion Dr) - west of swimming pool, alley for valet parking
Start Time 8:03
End Time 8:23

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S011 20 min Leq: 57.7 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	58.8	81.2	65.6	53.8	63.4	54.1	
2	58.1	81.1	62.1	54.1	60.9	55	
3	56.3	78.7	61.1	54	59	54.4	
4	55.3	72.6	57.6	52.9	57.1	53.7	
5	58.9	92.7	69.4	51.7	65	52.2	Vehicle in front of meter started up & moved.
6	59.5	79.4	65.6	54.8	64.2	55.2	
7	55.9	79.7	60.8	51.8	59.2	53	
8	57.1	79.9	65	54.5	60.3	54.9	Vehicle parks in front of meter.
9	56.2	74	61.4	51.4	60.4	51.8	
10	60.4	83.8	69.1	53.9	67.3	54.2	
11	58.1	84.6	70.5	51.6	63.9	51.8	
12	60.6	79.9	66	53.8	65.2	54.9	
13	53.1	69	55.3	51.1	55	51.6	
14	59.1	81.1	66.7	53.2	64.6	53.8	
15	56.1	82	61.2	52.8	60.5	53.3	
16	59.1	84.3	64.3	54.8	63.7	55.6	
17	58.3	79.5	65.8	53.7	62.5	54.1	Landscape staff walks by with weed wacker.
18	54.5	73.9	57.1	52.9	56.7	53.2	
19	55.6	69.9	56.9	53.6	56.8	54.1	
20	53.4	69.1	56.7	51.8	55.4	52.1	

Notes:
 Urban noise (mostly traffic).

Date 2/28/2012
Location RD 14B - W 98th St near Avion Dr
Start Time 8:38
End Time 8:58

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S012 20 min Leq: 61.6 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	59.9	94.2	70.6	50.8	66.3	51.8	
2	61.6	86.5	73.1	50.1	69.8	50.6	
3	63.5	87	73.3	51	69.5	51.9	Plane landing.
4	58	82.3	69.4	48.7	64.9	49.3	
5	54.5	82.9	62.2	48.7	60.3	49.2	
6	60	82.4	68.1	48	65.8	48.6	
7	62.7	85.4	71.9	51.2	68.9	53.4	
8	61.7	85	71.1	53.4	66.8	54	Plane landing. Med truck coming out of hotel alley.
9	64.4	89.6	72.5	55.1	69.9	55.6	
10	62	83.7	69	51.9	67.6	52.7	Plane landing.
11	60.4	93.1	69.1	50.8	66.5	51.4	
12	63.8	82.8	70.2	54	68.4	54.6	
13	58.6	91.6	67.3	51.2	64.7	51.6	
14	62.5	84.2	71.4	51	67.9	51.8	
15	63.5	88.5	73.1	54.8	69.3	55.3	
16	63.3	86.6	69.9	53.4	68.2	53.8	
17	61.8	90.3	72.8	53.7	68	53.9	
18	57.6	82.2	68.7	53.5	63.6	53.8	
19	56.9	80.2	67.4	53.4	62.9	53.7	
20	62.7	85.2	70.7	53.5	68.4	53.9	

Notes:
 Traffic on 98th major source of noise.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count: 1

Location: W 98th St 8 ft from traveling lane 35 mph

Traffic Direction	WB				EB			
Vehicle Type	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	8	0	0	0	0	0	3	6
Interval 2	12	4	0	0	0	0	1	14
Interval 3	14	4	0	0	0	0	2	14
Interval 4	3	0	0	0	0	0	3	18
Total	37	8	0	0	0	0	9	52

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	WB	EB	WB	EB
Car	37	52	111	156
MT	8	9	24	27
HT	0	0	0	0
Bus	0	0	0	0
Total	45	61	135	183

Date 2/28/2012
Location RD 14C - W Century Blvd near Avion Dr
Start Time 14:48
End Time 15:08

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S020 20 min Leq: 73.5 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	74.8	93.2	80	63.1	78.8	65.7	
2	72.9	93.1	79.8	64.6	77.4	66.3	Helicopter overhead.
3	74.4	92.4	79	62.2	78.5	63.7	
4	73.5	93.6	81.2	61.3	78.7	63.1	Aircraft takeoff.
5	75.9	98.3	83.4	65.7	79.5	66.6	Bus in lane closest to meter.
6	70.8	89.5	75.9	62.5	74.9	63.3	
7	74.7	96.6	80.3	60.5	79.5	61.4	
8	73.1	95.7	81.9	61	79.4	61.9	
9	74	93.2	78.5	63	77.9	64	
10	73.9	98.3	84.3	61.7	79.3	62.1	Med truck WB
11	73.5	95.9	79.7	61.2	78.2	62.9	
12	72.6	93.8	80.5	62.1	78.6	63.2	2 x med truck WB
13	73	93.3	79.5	62	77.3	62.5	
14	71.7	92.2	78.8	65	76.4	66.4	
15	74.9	95.5	80.9	60.5	79.3	61.2	
16	67.8	89.9	76.5	60	72.8	60.5	Aircraft
17	75.1	95.6	82.3	63.8	80.7	65	
18	71.5	91.3	79.3	61.9	76.1	62.7	Aircraft
19	72.9	91.1	78.2	58	77	58.8	
20	71.6	93.2	79.5	60.1	77.7	60.5	

Notes:
 Century Blvd traffic major source of noise.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count: 8

Location: W Century Blvd 3 ft from traveling lane 35 mph

Traffic Direction	WB				EB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	127	16	1	8	11	0	15	111
Interval 2	136	12	0	10	3	2	8	76
Interval 3	111	11	1	7	2	0	20	100
Interval 4	128	12	2	5	1	2	3	88
Total	502	51	4	30	17	4	46	375

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	WB	EB	WB	EB
Car	502	375	1506	1125
MT	51	46	153	138
HT	4	4	12	12
Bus	30	17	90	51
Total	587	442	1761	1326

Date 2/28/2012
Location RD 15A - Imperial Ave near McCarthy Ct
Start Time 12:35
End Time 12:55

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S017 20 min Leq: 65.1 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	62.6	84.1	68.4	54.2	66.8	55.4	
2	64.4	86.8	70.3	55.1	68.6	57	Aircraft takeoff
3	58	84.3	68.5	50	64.3	50.7	
4	63.1	84	69.5	51.3	67.6	51.9	Aircraft takeoff
5	59.5	82.9	68.8	51.8	65.5	52.2	Helicopter flying north
6	61.4	80.6	67.7	51.1	66.3	51.7	
7	61.6	87.7	71.8	52.8	68.1	53.6	
8	60.1	81.6	67.2	54.8	65.2	55.5	
9	70.2	98.6	80.6	55.7	77.5	56.5	Aircraft takeoff
10	64.9	86.7	71.2	55.5	69.3	57.5	Aircraft takeoff
11	68.2	96.8	78.6	55.2	74.1	56.1	Aircraft takeoff
12	57	74.9	64	50.2	61.6	50.6	
13	62.9	81.8	68.7	56.3	67.3	57.1	Aircraft takeoff
14	60.4	86.6	70.8	54.1	65.5	54.6	
15	65.5	94	77.8	52.3	70.4	52.7	Aircraft takeoff
16	70.3	92.1	78.8	55.1	76.4	55.8	2 aircrafts takeoff
17	59.7	78.8	64.9	52.6	63.5	53.1	
18	70.3	92.5	78.3	55.1	76.6	55.8	Aircraft takeoff
19	63.1	82.6	69	57.1	67.9	57.8	Aircraft takeoff
20	61.5	81.6	67.7	56	65.9	56.7	

Notes:
 Aircraft & traffic on Imperial Highway major source.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 5

Location: Imperial Hwy 8 ft from Imperial Ave. 50 mph

Traffic Direction	WB				EB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	70	2	2	0	0	5	1	75
Interval 2	85	5	3	0	0	2	3	89
Interval 3	77	7	3	0	0	3	12	81
Interval 4	93	10	4	0	0	3	14	63
Total	325	24	12	0	0	13	30	308

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	WB	EB	WB	EB
Car	325	308	975	924
MT	24	30	72	90
HT	12	13	36	39
Bus	0	0	0	0
Total	361	351	1083	1053

Imperial Ave 35 mph

Vehicle per 20 min		Vehicle per Hour	
WB	EB	WB	EB
21	37	63	111
0	1	0	3
0	0	0	0
0	1	0	3
21	39	63	117

Date 2/28/2012
 Location RD 15B - Imperial Ave at Sheldon St (Observation Deck)
 Start Time 13:12
 End Time 13:32

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S018 20 min Leq: 68.0 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	60.1	78.8	66.4	55.1	64.9	55.7	
2	72.1	97.2	81.9	56.9	79.7	57.8	Aircraft takeoff
3	67.8	91.5	76.9	54.9	73.9	55.4	
4	63.4	84.3	70.1	55.3	67.9	57.2	Aircraft takeoff. Crow crying on power line.
5	65.3	88.6	74.8	53.9	72.8	54.2	
6	59.2	82.9	65.1	55.2	62.5	55.6	
7	68.6	92.1	75.6	59.7	74	60.2	
8	66.6	90.3	76	55.4	73.6	56.3	
9	68.2	91	76.4	56.5	74.2	58.3	
10	73.8	96.2	82.2	57.4	81	58.4	Aircraft takeoff
11	61.1	80.5	68.4	55.1	65.7	56	
12	55.9	75.1	59.5	52.8	59	53.3	
13	65.6	92.3	77.9	54.4	75	55.2	
14	74.4	97.6	82.8	55.6	81.2	56.8	
15	68.8	91.9	77.8	55.6	75.1	56.1	Aircraft takeoff
16	60.1	80.3	65.1	56	62.8	56.6	Car alarm x3
17	68.1	92.2	77.9	53.2	74.7	54.3	Aircraft takeoff
18	63.9	85.5	70.7	56.6	69.1	56.9	
19	63.6	86.2	71.7	56.2	69.2	56.8	
20	61.8	84.1	69.9	55.3	66	56	

Notes:
 Aircraft taxi and take off noise. Traffic on Imperial Ave & Imperial Hwy.

Traffic Data

Meter: Jamar TDC 12 S/N: T12-468
 Count 6

Location: Imperial Hwy 8 ft from Imperial Ave. 50 mph

Traffic Direction	WB				EB			
	Car	MT	HT	Bus	Bus	HT	MT	Car
Bin	5	6	7	8	13	14	15	16
Interval 1	75	3	5	0	0	4	1	81
Interval 2	88	3	3	1	0	1	4	81
Interval 3	88	1	3	0	0	1	3	81
Interval 4	76	12	4	0	1	1	12	44
Total	327	19	15	1	1	7	20	287

Traffic Summary

Vehicle Type	Vehicle per 20 min		Vehicle per Hour	
	WB	EB	WB	EB
Car	327	287	981	861
MT	19	20	57	60
HT	15	7	45	21
Bus	1	1	3	3
Total	362	315	1086	945

Imperial Ave 35 mph

Vehicle per 20 min		Vehicle per Hour	
WB	EB	WB	EB
28	18	84	54
0	2	0	6
0	0	0	0
0	1	0	3
28	21	84	63

Date 2/29/2012
Location Courtyard by Marriott (98th Street @ Vicksburg)
Start Time 13:41
End Time 14:01

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S030 20 min Leq: 67.7 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	66.4	85.4	73.1	59.9	71.6	60.3	
2	65.1	83.8	69.7	58.8	68.9	59.8	
3	65.3	84.1	70.8	58.5	69	59.1	
4	64	82.2	69.4	58.8	67.5	59.3	
5	66.6	90.6	74.8	61.2	72.7	61.7	
6	62.7	83.7	67.6	58.3	65.8	59.7	
7	65	84.1	72.2	58.8	70.2	61.3	
8	67	87.4	74.8	60.7	73.6	61.6	
9	70.6	93	79.2	62.7	76	63.3	
10	65.5	87.1	71	61	69.7	61.8	
11	70.7	93.1	80.1	61.4	77.6	62.3	
12	64.7	88.1	71	60.9	67.9	61.3	
13	66.4	85.3	70.3	61	69.7	61.7	
14	66	93.5	72.7	59.6	69.9	60.7	
15	64.9	87	72.5	59.3	70.6	59.8	
16	69.6	91	77.4	58.4	76.9	59.6	
17	73	96.2	83.6	60.6	81.1	62.4	
18	69.1	89.5	76.2	58.8	73.4	60.3	
19	66.9	87.9	72.3	58.8	70.9	60	
20	67.3	87.3	72.5	59.5	71.9	60.8	

Date 2/29/2012
Location Radisson Hotel Sepulveda/Century
Start Time 14:14
End Time 14:34

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S031 20 min Leq: 75.4 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	78.7	104.8	88.3	68.3	85.5	69.3	
2	76.1	101.2	81.5	69.9	79.9	72	
3	74.1	98.3	78.8	63.7	77.7	66	
4	75.8	96.6	79.6	68.3	78.9	70.2	
5	75.7	97.4	81.3	66.4	79.1	67.2	
6	74.5	96.2	80.7	68.5	78.6	69.5	
7	74.7	94.3	79.3	65.4	78.5	66.9	
8	74.5	102.5	78.8	69.2	78.2	70.4	
9	73.9	96.8	78.3	65.4	77.8	66.7	
10	73.6	91.6	78.3	67.7	77	68.4	
11	75.9	99.1	83.2	65.4	80.7	65.7	
12	75.7	96.5	81.3	69.9	79.5	71.5	
13	75.9	97.6	83.4	69.6	80.1	70.4	
14	75.5	98.6	79.6	68.1	78.3	70	
15	75.9	97.6	82.9	65.7	80.6	66.2	
16	76.2	99.7	85.6	68.7	81	70	
17	74.9	95	78.9	67.4	78	68.3	
18	74.4	96.3	78.8	66.3	78	67.3	
19	74.6	95.2	80.9	66.6	78.1	67.8	
20	74.4	98.1	78.9	67.2	77.8	68	

Date 2/29/2012
Location Crowne Plaza Century @ hotel entrance
Start Time 14:47
End Time 15:07

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S032 20 min Leq: 70.2 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	71	96.1	78.5	60.6	74.9	62.9	
2	65.3	86.1	71.1	60.1	70.3	60.8	
3	72.8	93.9	79.8	60.1	77.5	61.9	
4	67.3	87	71	61.6	70.5	62.9	
5	71.3	101.1	80.8	60.7	74.9	61.7	
6	67.2	95	73.5	60.7	70.1	61.7	
7	70.3	92.1	77.8	60.9	76.3	61.6	
8	70.1	92.7	75	66.4	73.7	67.4	
9	71	92.9	75.1	66	73.9	67.6	
10	71	92.2	75.1	66.7	73.9	68.6	
11	71.4	91.7	74.8	67.1	74	68.1	
12	66.7	87.7	71.2	60.8	70.2	62.4	
13	70	90.7	73.7	66.8	72.9	67.4	
14	67.7	90.2	71.2	62.2	70.2	63.1	
15	71.2	105.9	81	62.6	77.8	63.8	
16	71	92.4	75.8	63.2	75	63.8	
17	68.9	88.2	73.1	60.6	72.4	61.6	
18	69.5	86.7	73.7	65	73	65.5	
19	70.7	92.9	77.6	60.4	76.7	60.9	
20	72.3	93.9	76.3	67	75.2	67.5	

Date 2/29/2012
Location Hilton Century @ hotel alley (near International Rd)
Start Time 15:20
End Time 15:40

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S033 20 min Leq: 75 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	68.1	85.9	72.9	63.5	71.4	64	
2	76.3	93.9	80	69.9	78.9	73.5	
3	73.4	93.7	79.4	64.6	77.3	65.6	
4	77.4	97	83.3	71.3	81.5	71.9	
5	67.8	88.7	75.3	62.4	73.9	63.1	
6	76.4	95.9	81.7	69.2	79.8	70.1	
7	73.4	93.3	78	69.6	76.9	69.9	
8	77.5	93.7	81.1	74	80	75.2	
9	69.8	93.8	76.9	65	75.1	65.5	
10	77.7	98.8	85.2	72.4	81.4	73.4	
11	71.2	92.4	78.5	64.7	77.3	65.1	
12	76.7	99.2	83.1	72.1	79.7	72.9	
13	69.4	99.1	75.5	63.4	73.6	63.9	
14	78.1	101.4	86.9	66.5	83.8	67	
15	71.2	92.3	79.1	63.3	77.5	63.8	
16	77.8	106.2	83	70.1	81.3	74.1	
17	70.7	93	77.7	64.3	75.3	64.7	
18	75.8	93	79.6	72.2	78.4	73.1	
19	69.7	92.7	76.5	63.6	75.7	64.1	
20	76.4	99.6	80.7	65.7	79.6	68.8	

Date 2/29/2012
Location Marriott Airport/Century
Start Time 15:48
End Time 16:08

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S034 20 min Leq: 67.7 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	74.6	95.4	80.5	68.5	79.8	69.8	
2	70.8	89.6	76.3	62.6	74.7	63.7	
3	73.2	92.1	80	68.7	77.9	69.1	
4	71.7	95.1	78.2	66.3	77.5	67	
5	71.9	91.1	78	64.8	75.7	65.7	
6	71.5	96	77.3	65.3	76	66.7	
7	78.6	103.6	88.8	68.8	85.8	69.5	
8	72.1	92.7	78.9	64	77.4	64.9	
9	75	98.8	84.3	66	80.2	67.8	
10	75.3	103.5	83.2	68.4	80.4	69	
11	75.1	99.1	82.2	68.8	80.7	70.3	
12	75.9	98.1	81.7	63.8	80.4	67.6	
13	76.7	99	84.2	68.9	81.9	70.1	
14	73.5	96.3	79.8	62.8	78.8	66.5	
15	75.7	98	80.6	71.5	78.3	73	
16	74.7	99.7	81.9	63.7	80.4	65.6	
17	74.6	99.9	81.6	68.9	79.1	70.3	
18	74.6	97.3	80.3	66.5	79.2	68.7	
19	75.1	99.6	81.6	67.5	79.3	68.2	
20	73.1	95.9	78.4	64.5	77.2	65.2	

Date 2/29/2012
Location Four Points Sheraton & Embassy Suites Airport/98th
Start Time 16:18
End Time 16:38

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S035 20 min Leq: 72.8 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	72.9	95.3	79.9	60.1	78.2	61.5	
2	69.9	95	80.6	62.4	75	62.9	
3	66.6	87.5	72.5	60	70.4	60.7	
4	73.6	99.2	84.3	59.4	80.4	59.8	
5	66.3	87.6	71.4	60.2	70.5	61.2	
6	69.5	90.9	76.3	59.8	74.1	60.9	
7	69.4	94.9	76.5	60.7	74.9	62.1	
8	69	92.5	78	61	73.7	61.9	
9	69.6	93.7	76.9	62.2	74.7	62.6	
10	74.8	98.1	84.7	61	81.4	62.2	
11	73	95.3	81	61.5	78.6	63.7	
12	73	98.2	83.4	63	77.8	65.5	
13	71.2	94.9	76.1	59.1	74.2	61.1	
14	73.2	94.7	80.8	64.5	79.1	66.9	
15	69.4	94.4	78.3	58.7	74.5	59.3	
16	77.3	101.2	85.8	67	84	68.7	
17	72.1	97.1	78.3	63.1	76.2	65.9	
18	73.1	99.6	77.8	65.6	76.5	68.3	
19	77.1	99.1	86.2	65.9	84.3	67.6	
20	75.1	97	85	65.8	81	67.8	

Date 2/29/2012
Location Renaissance Airport/96th
Start Time 16:43
End Time 17:03

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S036 20 min Leq: 73.8 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	72.6	94.4	78.7	66.3	76.3	68.4	
2	77.3	99.8	84.2	68	82.4	69.8	Aircraft landing
3	74.6	98.5	81.2	64.1	78.9	67.6	
4	73.1	97	78.2	63.9	76.7	67.1	
5	71.2	93.8	77.8	64.9	76.3	65.8	
6	73.5	95.7	81.8	65.2	78	65.9	
7	70.9	95.2	78	61.9	76.8	63.2	
8	74.2	96.7	81.2	64.5	79.8	66.3	
9	74.9	96.3	79.3	69.1	78.4	70.8	
10	71.6	94.6	77.5	61.6	76.2	63	
11	69.6	93.2	75.1	63.1	73.9	63.8	
12	75.2	95.6	80.7	67	79	68.3	
13	74.9	95.6	80.9	67.2	79	69.3	
14	72.4	99.4	78.9	65.4	76.7	66.6	
15	73.4	94.1	80.6	67.1	78.3	68.4	
16	72.7	94.1	77.4	66.1	76.4	67.4	Pickup truck with open window playing music
17	76.3	98.5	83.6	63.1	82.3	65.1	
18	74.6	94.7	78.7	67.5	77.7	68.8	
19	74.4	97.7	83.5	66.8	80.3	67.4	
20	69.3	88.6	77.5	63.7	74.5	64.5	

Date 2/29/2012
Location Westin Century @ Concourse Way
Start Time 17:27
End Time 17:47

Noise Data

Meter: Quest SoundPro DL Class 2 1/3 Octave S/N: BIH030023
 Session: S037 20 min Leq: 77.9 dBA

Minute	Lavg	Lpk	Lmax	Lmin	L5	L95	Notes
1	79.5	101.2	86.2	67.9	84	69.6	
2	75.6	100.9	86.1	62.4	83.7	62.8	
3	79.1	101	85.3	67.2	84.4	68.9	
4	75.7	98.8	83.9	64.2	82.5	65.2	
5	79.8	100	85.7	66	83.4	68.1	
6	76.4	101.1	85.6	66.2	83.5	67.3	
7	78.8	99.3	85.4	63.3	83.6	64	
8	72.5	96.7	81.9	64.7	78.4	65.7	
9	79.8	104.1	88.2	71.1	84.8	72.7	
10	79	102.8	88.4	69.7	86.5	70.8	
11	79.6	99.8	84.9	65.8	83.3	66.3	
12	74.2	101.3	84.7	67.8	76.3	68.8	
13	79.9	99.7	85.5	65.9	83.9	69.8	
14	73.7	97.3	80	66.2	77.6	68.4	
15	80	101.7	87	68.8	85.3	71.2	
16	72.7	94.4	78.2	65.7	77.2	66.3	
17	79.2	98.6	83.6	63.6	82.3	65.6	
18	71.5	92.4	78.5	61.5	75.8	62.5	
19	79.8	99.9	86.1	65.9	83.8	67.1	
20	76.6	99.8	85.8	64.6	84.5	65.3	

KLAX

http://www.wunderground.com/history/airport/KLAX/2012/2/28/DailyHistory.html?req_city=NA&req_state=NA&req_statename=NA

Date	TimePST	TemperatureF	Dew PointF	Humidity	Sea Level PressureIn	Wind Direction	Wind SpeedMPH	Gust SpeedMPH	PrecipitationIn	Conditions	WindDirDegrees
2/28/2012	7:53 AM	48	35.1	61	30.18	ENE	8.1	-	N/A	Scattered Clouds	70
2/28/2012	8:53 AM	51.1	35.1	54	30.21	East	9.2	-	N/A	Partly Cloudy	90
2/28/2012	9:53 AM	53.1	34	48	30.23	East	6.9	-	N/A	Partly Cloudy	90
2/28/2012	10:53 AM	55.9	30.9	39	30.24	SSE	9.2	-	N/A	Scattered Clouds	150
2/28/2012	11:53 AM	57	37	47	30.24	SW	8.1	-	N/A	Scattered Clouds	220
2/28/2012	12:53 PM	57	36	45	30.23	SSW	8.1	-	N/A	Mostly Cloudy	200
2/28/2012	1:53 PM	57	36	45	30.22	SW	12.7	-	N/A	Mostly Cloudy	220
2/28/2012	2:53 PM	55	37	51	30.23	WSW	12.7	-	N/A	Scattered Clouds	250
2/28/2012	3:53 PM	55	36	49	30.24	West	10.4	-	N/A	Partly Cloudy	260
2/28/2012	4:53 PM	54	35.1	49	30.24	WSW	10.4	-	N/A	Partly Cloudy	250

http://www.wunderground.com/history/airport/KLAX/2012/2/29/DailyHistory.html?req_city=NA&req_state=NA&req_statename=NA

2/29/2012	8:53 AM	52	37.9	59	30.3	East	3.5	-	N/A	Partly Cloudy	100
2/29/2012	9:53 AM	55	37.9	53	30.3	Calm	Calm	-	N/A	Partly Cloudy	0
2/29/2012	10:53 AM	55	39	55	30.29	SW	5.8	-	N/A	Scattered Clouds	230
2/29/2012	11:53 AM	55.9	39.9	55	30.28	West	10.4	-	N/A	Scattered Clouds	260
2/29/2012	12:53 PM	57	39.9	53	30.26	West	15	-	N/A	Scattered Clouds	270
2/29/2012	1:53 PM	57.9	44.1	60	30.25	West	16.1	-	N/A	Scattered Clouds	260
2/29/2012	2:53 PM	57.9	46	65	30.23	WSW	15	-	N/A	Mostly Cloudy	250
2/29/2012	3:53 PM	57	46.9	69	30.21	West	18.4	-	N/A	Mostly Cloudy	260
2/29/2012	4:53 PM	57	48	72	30.21	WSW	15	-	N/A	Mostly Cloudy	250
2/29/2012	5:53 PM	55.9	46.9	72	30.21	WSW	17.3	-	N/A	Mostly Cloudy	250

Time	TemperatureF	DewpointF	PressureIn	WindDirection	WindDirectionDegrees	WindSpeedMPH	WindSpeedGustMPH	Humidity	HourlyPrecipIn
2/28/2012 7:53	48.1	38.4	30.14	ESE	123	1	1	69	0
2/28/2012 8:03	49	38.5	30.15	SE	127	1	1	67	0
2/28/2012 8:13	49.8	38.5	30.15	SE	141	1	2	65	0
2/28/2012 8:23	50.3	39	30.16	SE	142	1	3	65	0
2/28/2012 8:33	51.2	39	30.16	NE	49	2	2	63	0
2/28/2012 8:43	51.9	38.9	30.16	ENE	78	1	1	61	0
2/28/2012 8:53	52.9	39.8	30.17	ESE	111	1	1	61	0
2/28/2012 9:03	53.5	39.9	30.17	East	101	1	1	60	0
2/28/2012 9:13	54.5	39.6	30.17	ESE	107	2	2	57	0
2/28/2012 9:23	54.7	39.3	30.18	East	92	2	2	56	0
2/28/2012 9:33	55.3	38.9	30.18	SSE	150	2	2	54	0
2/28/2012 9:43	55.7	38.8	30.18	SE	146	2	3	53	0
2/28/2012 9:53	56.5	38.6	30.19	SE	130	2	2	51	0
2/28/2012 10:03	57.1	40.1	30.19	SE	129	2	2	53	0
2/28/2012 10:13	57.5	37.9	30.18	NE	54	2	2	48	0
2/28/2012 10:23	57.9	38.3	30.19	SE	140	2	4	48	0
2/28/2012 10:33	58.2	38.6	30.19	SSE	157	2	5	48	0
2/28/2012 10:43	59	37.7	30.19	South	171	2	5	45	0
2/28/2012 10:53	59.3	37.9	30.2	ESE	112	2	5	45	0
2/28/2012 11:03	60	36.8	30.2	ENE	62	2	5	42	0
2/28/2012 11:13	60.6	36.8	30.2	SE	140	2	2	41	0
2/28/2012 11:23	60.9	36.4	30.2	SSE	150	2	5	40	0
2/28/2012 11:33	57.9	39.9	30.2	SSW	192	2	5	51	0
2/28/2012 11:43	57.5	40.5	30.2	SSE	164	3	3	53	0
2/28/2012 11:53	56.4	40	30.2	SSW	208	3	5	54	0
2/28/2012 12:03	57.8	40.8	30.2	SW	225	3	3	53	0
2/28/2012 12:13	57.3	41.3	30.2	SW	221	3	3	55	0
2/28/2012 12:23	57.2	41.2	30.2	SSW	209	3	5	55	0
2/28/2012 12:33	57.7	40.2	30.19	SSW	201	3	3	52	0
2/28/2012 12:43	56.9	40.9	30.19	SSW	211	3	5	55	0
2/28/2012 12:53	57.2	40.2	30.19	WSW	255	3	5	53	0
2/28/2012 13:03	57.7	40.7	30.19	WSW	237	3	3	53	0
2/28/2012 13:13	57.4	39.9	30.18	SSW	192	3	3	52	0
2/28/2012 13:23	57.5	39.5	30.19	SSW	200	3	7	51	0
2/28/2012 13:33	57.5	40.5	30.18	SSW	197	3	5	53	0
2/28/2012 13:43	56.4	39.5	30.18	SW	219	4	4	53	0
2/28/2012 13:53	57.6	40.6	30.18	SSE	161	3	3	53	0
2/28/2012 14:03	57.7	40.7	30.18	SSE	164	4	4	53	0
2/28/2012 14:13	57.7	40.2	30.18	SSW	200	3	5	52	0
2/28/2012 14:23	58	41	30.18	SSE	165	2	6	53	0
2/28/2012 14:33	57.7	41.6	30.19	SW	219	3	5	55	0
2/28/2012 14:43	56.7	40.2	30.19	WSW	248	3	3	54	0
2/28/2012 14:53	57	39.5	30.19	SSE	158	3	5	52	0
2/28/2012 15:03	56.2	39.8	30.19	SSW	213	3	5	54	0
2/28/2012 15:13	56.7	39.7	30.19	SW	230	3	5	53	0
2/28/2012 15:23	56.5	39.6	30.19	South	179	3	5	53	0
2/28/2012 15:33	56.7	39.3	30.19	West	262	3	5	52	0
2/28/2012 15:43	56.3	39.4	30.19	WSW	240	2	2	53	0
2/28/2012 15:53	56.8	38.9	30.19	WSW	242	2	2	51	0
2/28/2012 16:03	56	39.1	30.2	SW	228	2	2	53	0
2/28/2012 16:13	55.8	38.9	30.19	WSW	242	2	2	53	0
2/28/2012 16:23	55.6	39.2	30.19	SSE	151	2	2	54	0
2/28/2012 16:33	55.6	38.7	30.19	West	265	1	8	53	0
2/28/2012 16:43	55	38.6	30.19	WNNW	288	2	2	54	0
2/28/2012 16:53	54.5	39.6	30.19	WSW	244	2	2	57	0
2/28/2012 17:03	54	39.5	30.19	SSW	197	2	8	58	0
2/28/2012 17:13	53.5	39.9	30.19	SSW	199	1	8	60	0
2/28/2012 17:23	53.2	40.1	30.2	West	259	1	8	61	0
2/28/2012 17:33	52.6	39.5	30.2	West	275	1	8	61	0
2/28/2012 17:43	52.2	39.6	30.2	WSW	246	1	1	62	0

Time	TemperatureF	DewpointF	PressureIn	WindDirection	WindDirectionDegrees	WindSpeedMPH	WindSpeedGustMPH	Humidity	HourlyPrecipIn
2/29/2012 8:33	53.3	41.8	30.26	ENE	59	1	1	65	0
2/29/2012 8:43	54.1	41.4	30.26	ESE	122	1	1	62	0
2/29/2012 8:53	54.9	41.7	30.26	North	350	1	1	61	0
2/29/2012 9:03	54.8	41.6	30.26	East	100	1	1	61	0
2/29/2012 9:13	55.1	41.5	30.26	NE	35	1	1	60	0
2/29/2012 9:23	54.3	41.6	30.25	SW	224	0	2	62	0
2/29/2012 9:33	54.8	41.6	30.25	SW	214	1	1	61	0
2/29/2012 9:43	54.6	41.8	30.25	North	355	1	1	62	0
2/29/2012 9:53	55.2	42.4	30.26	WSW	248	1	3	62	0
2/29/2012 10:03	55.3	43.3	30.26	SSW	213	2	2	64	0
2/29/2012 10:13	56.3	43.4	30.26	SW	215	1	1	62	0
2/29/2012 10:23	56	43.2	30.26	West	259	2	2	62	0
2/29/2012 10:33	56.4	43.5	30.26	SSW	207	2	3	62	0
2/29/2012 10:43	56.4	42.7	30.25	WSW	237	2	3	60	0
2/29/2012 10:53	56.4	43.1	30.25	SE	130	2	2	61	0
2/29/2012 11:03	56.8	43.1	30.25	WSW	241	2	2	60	0
2/29/2012 11:13	56.6	43.7	30.25	South	187	2	3	62	0
2/29/2012 11:23	57.2	43.9	30.25	South	185	2	2	61	0
2/29/2012 11:33	56.6	44.6	30.25	SSW	207	3	3	64	0
2/29/2012 11:43	57.7	43.9	30.25	West	266	2	3	60	0
2/29/2012 11:53	57.9	44.1	30.24	SSW	212	2	3	60	0
2/29/2012 12:03	57.7	43.9	30.24	NNW	329	3	4	60	0
2/29/2012 12:13	57.8	44.4	30.23	South	188	3	3	61	0
2/29/2012 12:23	57.8	44.4	30.23	SE	134	3	3	61	0
2/29/2012 12:33	58.4	45	30.23	SSW	212	3	3	61	0
2/29/2012 12:43	57.8	44.9	30.22	West	263	3	3	62	0
2/29/2012 12:53	57.8	45.3	30.22	WSW	247	4	4	63	0
2/29/2012 13:03	58.4	45.4	30.22	SSW	213	3	7	62	0
2/29/2012 13:13	58.2	45.7	30.21	West	269	3	4	63	0
2/29/2012 13:23	59	46.4	30.21	South	174	3	3	63	0
2/29/2012 13:33	59.2	47	30.21	SSW	205	3	3	64	0
2/29/2012 13:43	59	46.8	30.2	WSW	251	3	3	64	0
2/29/2012 13:53	59.4	47.6	30.2	WSW	254	3	5	65	0
2/29/2012 14:03	58.7	48.2	30.2	South	180	3	3	68	0
2/29/2012 14:13	59.9	48.5	30.2	West	262	3	4	66	0
2/29/2012 14:23	59.9	48.9	30.2	West	274	3	3	67	0
2/29/2012 14:33	59.6	49	30.19	SW	230	3	3	68	0
2/29/2012 14:43	60.2	49.2	30.19	SW	231	2	5	67	0
2/29/2012 14:53	58.6	48.5	30.19	SW	232	2	4	69	0
2/29/2012 15:03	57.5	48.9	30.18	WNW	294	3	5	73	0
2/29/2012 15:13	58	49	30.18	SSW	205	4	4	72	0
2/29/2012 15:23	57.2	49	30.17	SSW	200	3	3	74	0
2/29/2012 15:33	56.7	48.9	30.17	North	360	3	3	75	0
2/29/2012 15:43	56.1	48.6	30.17	SW	220	3	3	76	0
2/29/2012 15:53	56.1	49.3	30.17	WSW	239	3	3	78	0
2/29/2012 16:03	56.2	49.4	30.17	WNW	284	3	5	78	0
2/29/2012 16:13	56.4	49.6	30.17	SSW	206	2	3	78	0
2/29/2012 16:23	56.4	49.6	30.17	WSW	245	2	2	78	0
2/29/2012 16:33	56.1	49.7	30.17	SSE	151	3	3	79	0
2/29/2012 16:43	56	49.6	30.17	NNW	336	3	3	79	0
2/29/2012 16:53	57.1	49.6	30.17	WSW	257	3	3	76	0
2/29/2012 17:03	56.6	49.1	30.17	NW	317	3	9	76	0
2/29/2012 17:13	56	49.2	30.17	West	279	3	3	78	0
2/29/2012 17:23	55.4	48.7	30.16	South	178	3	9	78	0
2/29/2012 17:43	54.9	48.8	30.16	WSW	247	4	4	80	0
2/29/2012 17:53	54.8	49.1	30.16	WNW	297	3	9	81	0

MCQ157<http://www.wunderground.com/weatherstation/WXDailyHistory.asp?ID=MCQ157>

MesoWest - Westchester Parkway, Playa Del Rey, CA

Time	TemperatureF	DewpointF	PressureIn	WindDirection	WindDirectionDegrees	WindSpeedMPH	Humidity
2/28/2012 7:00	41	32	-100	NE	46	3	69
2/28/2012 8:00	45	34	-100	NE	36	4	66
2/28/2012 9:00	50	35	-100	ENE	77	4	56
2/28/2012 10:00	54	36	-100	ESE	103	5	50
2/28/2012 12:00	58	35	-100	ENE	72	7	42
2/28/2012 13:00	55	38	-100	SSW	208	11	53
2/28/2012 14:00	55	37	-100	SSW	204	11	50
2/28/2012 16:00	55	37	-100	SW	233	9	51

Time	TemperatureF	DewpointF	PressureIn	WindDirection	WindDirectionDegrees	WindSpeedMPH	Humidity
2/29/2012 8:00	46	36	-100	NE	44	3	69
2/29/2012 9:00	52	38	-100	NE	34	3	59
2/29/2012 10:00	56	40	-100	NNE	31	3	54
2/29/2012 11:00	55	41	-100	SW	222	7	58
2/29/2012 13:00	56	42	-100	WSW	245	10	59
2/29/2012 14:00	57	44	-100	WSW	258	10	62
2/29/2012 15:00	56	45	-100	WSW	254	11	67
2/29/2012 16:00	56	47	-100	WSW	249	11	71
2/29/2012 17:00	56	47	-100	WSW	251	10	73
2/29/2012 18:00	55	47	-100	WSW	254	11	73

Time	TemperatureF	DewpointF	PressureIn	WindDirection	WindDirectionDegrees	WindSpeedMPH	WindSpeedGustMPH	Humidity	HourlyPrecipin
2/28/2012 7:58	43.7	35.9	29.97	East	90	1.3	1.3	74	0
2/28/2012 8:03	44.2	36.4	29.98	ENE	67	0	0	74	0
2/28/2012 8:13	45	37.1	29.99	ESE	112	2.9	2.9	74	0
2/28/2012 8:18	45.3	37.5	29.99	NNE	22	0	0	74	0
2/28/2012 8:23	45.7	37.9	29.99	East	90	0	1.3	74	0
2/28/2012 8:28	46.2	38.1	29.99	ENE	67	0	0	73	0
2/28/2012 8:33	46.4	38.2	29.99	NE	45	2.2	2.2	73	0
2/28/2012 8:38	46.9	38.4	30	SSW	202	0	1.6	72	0
2/28/2012 8:43	47.3	38.7	30	NE	45	0	0	72	0
2/28/2012 8:48	47.5	38.9	30	ESE	112	1.3	1.3	72	0
2/28/2012 8:53	48	39	30	NNW	337	0.9	8.1	71	0
2/28/2012 8:58	48.6	39.2	30.01	NNE	22	0	0.9	70	0
2/28/2012 9:03	48.7	39.4	30.01	SE	135	0	0	70	0
2/28/2012 9:08	49.3	39.5	30.01	ESE	112	0	1.6	69	0
2/28/2012 9:13	49.6	39.5	30.01	NNE	22	0.7	0.7	68	0
2/28/2012 9:18	49.8	39.7	30.01	SW	225	0	0	68	0
2/28/2012 9:23	50.5	40.4	30.02	SW	225	3.1	3.1	68	0
2/28/2012 9:33	51.3	40.7	30.01	ENE	67	0	0	67	0
2/28/2012 9:38	51.8	40.6	30.02	NNE	22	1.6	2	66	0
2/28/2012 9:43	52.2	40.7	30.02	NE	45	0	1.8	65	0
2/28/2012 9:48	52.3	40.5	30.02	ESE	112	0.9	0.9	64	0
2/28/2012 9:53	53.1	40.7	30.02	ESE	112	1.6	1.6	63	0
2/28/2012 9:58	53.4	41.1	30.02	SSE	157	0	1.1	63	0
2/28/2012 10:03	53.8	41.1	30.02	South	180	0	0	62	0
2/28/2012 10:08	54.3	41.1	30.02	ENE	67	1.1	1.1	61	0
2/28/2012 10:13	54.5	41.3	30.02	ENE	67	2.7	2.7	61	0
2/28/2012 10:18	55	41.4	30.02	NE	45	2.2	2.2	60	0
2/28/2012 10:23	55.2	41.1	30.02	SE	135	0	2.2	59	0
2/28/2012 10:28	55.6	41.4	30.02	SSW	202	0.9	0.9	59	0
2/28/2012 10:33	55.9	41.3	30.02	SSW	202	1.8	1.8	58	0
2/28/2012 10:38	56.1	41	30.03	NNW	337	0	2	57	0
2/28/2012 10:43	56.5	41.4	30.03	East	90	0	0	57	0
2/28/2012 10:48	56.8	40.8	30.03	SE	135	3.1	3.1	55	0
2/28/2012 10:58	57.6	41.5	30.03	East	90	1.3	3.1	55	0
2/28/2012 11:03	57.7	41.2	30.02	South	180	2	2	54	0
2/28/2012 11:08	57.9	40.4	30.02	SSE	157	0.7	1.1	52	0
2/28/2012 11:13	57.9	40	30.03	SSW	202	1.6	1.6	51	0
2/28/2012 11:18	57.9	40	30.03	SW	225	1.3	1.3	51	0
2/28/2012 11:28	58.6	40.1	30.03	SSE	157	2.5	2.5	50	0
2/28/2012 11:33	58.8	39.7	30.03	SSE	157	2	2	49	0
2/28/2012 11:38	58.8	39.7	30.03	South	180	10.1	10.1	49	0
2/28/2012 11:43	57.9	40	30.03	SSW	202	8.1	8.1	51	0
2/28/2012 11:48	57	40.1	30.02	SW	225	11	11	53	0
2/28/2012 11:53	55.9	39.5	30.02	WSW	247	13.9	13.9	54	0
2/28/2012 11:58	55.4	39.8	30.03	SSW	202	14.5	14.5	56	0
2/28/2012 12:03	55.2	40.2	30.03	SSE	157	4.5	4.5	57	0
2/28/2012 12:08	55	40	30.02	SW	225	11.6	11.6	57	0
2/28/2012 12:13	54.7	39.7	30.02	SSW	202	13.2	13.2	57	0
2/28/2012 12:18	54.3	39.8	30.02	SW	225	12.1	12.1	58	0
2/28/2012 12:23	54.7	40.6	30.02	SW	225	11	12.3	59	0
2/28/2012 12:33	54.7	40.6	30.02	WSW	247	7.6	7.6	59	0
2/28/2012 12:38	54.7	40.6	30.02	SW	225	5.8	5.8	59	0
2/28/2012 12:43	54.9	40.8	30.02	SW	225	11.6	11.6	59	0
2/28/2012 12:48	55	40.9	30.01	WSW	247	11.4	11.4	59	0
2/28/2012 12:53	54.7	40.1	30.01	WSW	247	9.8	12.3	58	0
2/28/2012 12:58	54.9	40.3	30.01	SSW	202	6.9	6.9	58	0
2/28/2012 13:03	54.9	40.3	30.01	South	180	6.3	6.3	58	0
2/28/2012 13:08	54.3	39.8	30.01	SW	225	5.8	15.4	58	0
2/28/2012 13:13	54.7	39.7	30	West	270	13.2	13.2	57	0
2/28/2012 13:18	54.7	39.7	30.01	SSW	202	8.5	8.5	57	0
2/28/2012 13:23	54.9	39.8	30.01	WSW	247	7.4	10.5	57	0
2/28/2012 13:28	55	39.5	30	SW	225	7.8	7.8	56	0
2/28/2012 13:33	55	39.5	30	West	270	10.5	10.5	56	0
2/28/2012 13:38	55	40	30	West	270	8.5	11.9	57	0
2/28/2012 13:43	55.2	40.2	30	WSW	247	6	6	57	0
2/28/2012 13:48	55.2	40.6	30	SSW	202	8.3	10.3	58	0
2/28/2012 13:53	55.2	39.7	30	SW	225	5.4	5.4	56	0
2/28/2012 13:58	55.6	40	30	South	180	4.2	4.2	56	0
2/28/2012 14:03	55.4	40.3	30	WSW	247	8.9	8.9	57	0
2/28/2012 14:08	54.9	39.8	30	WSW	247	10.7	11.2	57	0
2/28/2012 14:13	54.7	40.1	30	SSW	202	6.9	6.9	58	0

2/28/2012 14:18	54.7	40.1	30.01	West	270	6	6	58	0
2/28/2012 14:23	54.5	40	30.01	WNW	292	9.8	9.8	58	0
2/28/2012 14:28	54.3	40.3	30	SSW	202	4.5	4.5	59	0
2/28/2012 14:33	54.3	40.3	30.01	West	270	11.2	11.2	59	0
2/28/2012 14:38	54.1	40.1	30	West	270	12.7	12.7	59	0
2/28/2012 14:48	54	39.8	30.01	WSW	247	8.9	15.2	59	0
2/28/2012 14:53	54	40	30.01	West	270	5.4	9.2	59	0
2/28/2012 14:58	54.1	40.1	30.01	West	270	8.9	8.9	59	0
2/28/2012 15:03	53.8	39.3	30.01	WNW	292	8.3	8.3	58	0
2/28/2012 15:08	54	39.5	30.01	WSW	247	6	6.7	58	0
2/28/2012 15:13	54	39.5	30.01	SW	225	6.7	6.7	58	0
2/28/2012 15:18	54.1	39.7	30.01	SSW	202	4.7	8.9	58	0
2/28/2012 15:23	54	39.5	30.01	West	270	9.2	9.2	58	0
2/28/2012 15:28	53.8	39.3	30.01	West	270	6.7	6.7	58	0
2/28/2012 15:33	53.8	39.3	30.02	WSW	247	10.7	10.7	58	0
2/28/2012 15:38	53.8	39.3	30.02	SSW	202	7.4	7.4	58	0
2/28/2012 15:43	54.1	39.7	30.02	West	270	4.7	4.7	58	0
2/28/2012 15:48	54.1	39.2	30.02	West	270	6	10.5	57	0
2/28/2012 15:53	54.1	39.2	30.02	WSW	247	8.1	8.1	57	0
2/28/2012 15:58	54.1	39.2	30.01	West	270	7.4	7.4	57	0
2/28/2012 16:03	54	39	30.02	WSW	247	3.8	7.6	57	0
2/28/2012 16:08	53.8	38.9	30.02	West	270	6.7	6.7	57	0
2/28/2012 16:13	54	39	30.01	WSW	247	5.4	5.4	57	0
2/28/2012 16:23	54	39	30.02	West	270	6.7	6.7	57	0
2/28/2012 16:28	53.8	38.9	30.02	SW	225	4.2	4.2	57	0
2/28/2012 16:33	53.6	39.3	30.02	SW	225	7.6	7.6	58	0
2/28/2012 16:38	53.8	39.3	30.02	West	270	5.1	7.4	58	0
2/28/2012 16:43	53.6	39.2	30.01	West	270	6.9	6.9	58	0
2/28/2012 16:48	53.4	39	30.01	WSW	247	7.4	7.4	58	0
2/28/2012 16:53	53.4	39	30.01	WSW	247	6.7	7.4	58	0
2/28/2012 16:58	53.8	39.8	30.01	WSW	247	6	6	59	0
2/28/2012 17:03	53.8	39.8	30.02	SW	225	6.7	6.7	59	0
2/28/2012 17:08	53.6	39.6	30.01	SW	225	6.7	6.7	59	0
2/28/2012 17:13	53.8	39.8	30.02	West	270	3.6	3.6	59	0
2/28/2012 17:18	53.4	39.5	30.02	West	270	6.9	9.6	59	0
2/28/2012 17:23	53.4	39.5	30.02	WSW	247	7.4	7.4	59	0
2/28/2012 17:28	53.2	39.3	30.02	West	270	4.7	4.7	59	0
2/28/2012 17:33	53.2	39.7	30.02	West	270	3.6	3.6	60	0
2/28/2012 17:43	53.1	39.1	30.02	WSW	247	4.2	4.2	59	0
2/28/2012 17:48	52.9	39.4	30.02	West	270	4	5.1	60	0

Time	TemperatureF	DewpointF	PressureIn	WindDirection	WindDirectionDegrees	WindSpeedMPH	WindSpeedGustMPH	Humidity	HourlyPrecipin
2/29/2012 8:33	48	40.4	30.08	ENE	67	0.9	0.9	75	0
2/29/2012 8:38	48	40.4	30.09	NNE	22	1.1	1.1	75	0
2/29/2012 8:43	48.6	40.9	30.09	ENE	67	1.3	1.3	75	0
2/29/2012 8:48	48.9	41.3	30.09	NNE	22	2.5	2.5	75	0
2/29/2012 8:53	49.3	41.3	30.09	NE	45	1.6	1.6	74	0
2/29/2012 8:58	49.6	41.6	30.08	SW	225	0	1.6	74	0
2/29/2012 9:03	50.2	42.2	30.08	WSW	247	0	0	74	0
2/29/2012 9:08	50.4	42	30.08	SSW	202	0.9	0.9	73	0
2/29/2012 9:13	50.9	42	30.08	South	180	0.9	0.9	72	0
2/29/2012 9:18	51.1	42.4	30.08	SW	225	0	0.9	72	0
2/29/2012 9:23	51.6	42.6	30.08	SW	225	2.9	2.9	71	0
2/29/2012 9:28	52	42.4	30.08	WSW	247	0	4	70	0
2/29/2012 9:33	52.2	42.3	30.08	SSW	202	2.7	4	69	0
2/29/2012 9:38	52.3	42.5	30.08	SSW	202	3.6	3.6	69	0
2/29/2012 9:43	52.7	42.8	30.08	SW	225	0	0	69	0
2/29/2012 9:48	52.9	42.2	30.08	West	270	5.6	5.8	67	0
2/29/2012 9:53	52.9	42.2	30.08	West	270	5.8	5.8	67	0
2/29/2012 9:58	52.9	42.2	30.08	West	270	4.9	5.8	67	0
2/29/2012 10:03	52.9	42.2	30.08	WSW	247	5.8	5.8	67	0
2/29/2012 10:08	53.1	42.4	30.08	WNW	292	6	6	67	0
2/29/2012 10:13	53.1	42.4	30.09	West	270	8.3	8.3	67	0
2/29/2012 10:18	52.9	42.2	30.09	SW	225	8.9	8.9	67	0
2/29/2012 10:23	52.9	42.2	30.09	West	270	4.9	4.9	67	0
2/29/2012 10:28	52.9	42.2	30.09	WSW	247	6.7	6.7	67	0
2/29/2012 10:33	53.2	42.9	30.08	SW	225	6.9	6.9	68	0
2/29/2012 10:38	53.2	42.9	30.08	WSW	247	4.9	4.9	68	0
2/29/2012 10:43	53.4	43.1	30.08	SSW	202	8.1	8.1	68	0
2/29/2012 10:48	53.8	43	30.08	WSW	247	6.9	10.5	67	0
2/29/2012 10:53	53.8	43	30.08	West	270	6	6	67	0
2/29/2012 10:58	53.8	42.6	30.09	SW	225	8.7	8.7	66	0
2/29/2012 11:03	54	42.8	30.08	SSW	202	2.9	8.3	66	0
2/29/2012 11:08	54	42.8	30.08	SSE	157	3.4	3.4	66	0
2/29/2012 11:13	54.1	53.9	30.08	SW	225	7.6	7.6	99	0
2/29/2012 11:18	54.1	43	30.07	SW	225	12.1	12.1	66	0
2/29/2012 11:23	54	42.4	30.07	WSW	247	3.8	3.8	65	0
2/29/2012 11:33	54	42.8	30.07	West	270	6.9	10.1	66	0
2/29/2012 11:38	54.1	43.4	30.07	West	270	7.4	7.4	67	0
2/29/2012 11:43	54.1	43.4	30.07	West	270	7.4	12.5	66	0
2/29/2012 11:48	53.8	42.6	30.07	West	270	13	13	66	0
2/29/2012 11:53	53.6	42.5	30.07	West	270	6.3	6.3	66	0
2/29/2012 11:58	53.8	42.6	30.07	WSW	247	8.1	8.1	66	0
2/29/2012 12:03	53.8	42.6	30.06	West	270	8.5	8.5	66	0
2/29/2012 12:08	53.8	43	30.06	SSW	202	10.1	10.1	67	0
2/29/2012 12:13	54.1	43	30.06	West	270	8.9	8.9	65	0
2/29/2012 12:18	54	43.2	30.06	WSW	247	9.2	9.2	67	0
2/29/2012 12:23	54.1	43.4	30.05	West	270	7.6	7.6	67	0
2/29/2012 12:33	54.9	43.7	30.05	SW	225	11.6	12.3	66	0
2/29/2012 12:38	54.9	43.7	30.05	West	270	15	15	66	0
2/29/2012 12:43	54.3	43.6	30.05	West	270	6.5	10.1	66	0
2/29/2012 12:48	54.1	43.8	30.04	SSW	202	9.2	9.6	68	0
2/29/2012 12:53	54.3	44	30.05	West	270	6.7	6.7	68	0
2/29/2012 13:03	54.9	44.1	30.04	WSW	247	9.2	9.2	67	0
2/29/2012 13:08	55	44.3	30.04	West	270	9.8	9.8	67	0
2/29/2012 13:13	55.2	44.4	30.04	WNW	292	12.3	12.3	67	0
2/29/2012 13:18	55.4	44.6	30.04	West	270	9.2	10.3	67	0
2/29/2012 13:23	55.2	44.4	30.03	West	270	10.5	10.5	67	0
2/29/2012 13:28	55.2	44.9	30.03	West	270	13.9	13.9	68	0
2/29/2012 13:33	55.2	45.3	30.03	WSW	247	13	13	69	0
2/29/2012 13:38	55.2	45.3	30.03	West	270	9.6	9.6	69	0
2/29/2012 13:43	55.4	45.7	30.03	WSW	247	9.6	14.3	70	0
2/29/2012 13:48	55.8	46.2	30.02	WNW	292	10.5	10.5	70	0
2/29/2012 13:53	55.9	46.3	30.02	WSW	247	8.3	8.3	70	0
2/29/2012 14:03	55.6	46.4	30.02	SW	225	17.2	17.2	71	0
2/29/2012 14:08	55.4	46.5	30.02	WNW	292	10.1	10.1	72	0
2/29/2012 14:13	55.4	46.5	30.02	SW	225	14.5	14.5	72	0
2/29/2012 14:18	55.4	46.5	30.02	WSW	247	8.7	8.7	72	0
2/29/2012 14:23	55.4	46.9	30.01	West	270	11.9	11.9	73	0
2/29/2012 14:28	55.4	46.9	30.01	WSW	247	8.9	8.9	73	0
2/29/2012 14:33	55.9	47.4	30.01	SW	225	7.4	13.6	73	0
2/29/2012 14:38	56.1	47.6	30.02	South	180	10.3	10.3	73	0
2/29/2012 14:43	56.1	47.4	30.01	West	270	10.5	14.8	73	0
2/29/2012 14:48	55.6	47	30.01	NW	315	12.5	16.8	73	0
2/29/2012 14:53	55.2	47.4	30.01	SW	225	14.1	14.1	75	0
2/29/2012 14:58	55	47.6	30	West	270	15.7	15.7	76	0

2/29/2012 15:03	55	47.6	30	WSW	247	14.8	14.8	76	0
2/29/2012 15:08	55.2	47.7	30.01	West	270	10.5	10.5	76	0
2/29/2012 15:13	55.2	47.7	30	WSW	247	10.5	14.5	77	0
2/29/2012 15:18	55.6	48.1	30	SW	225	8.1	10.7	76	0
2/29/2012 15:23	55.8	48.3	30	WSW	247	17.2	17.2	76	0
2/29/2012 15:28	55.8	48.3	30	SW	225	9.4	9.4	76	0
2/29/2012 15:33	55.6	48.1	30	West	270	12.7	15.2	76	0
2/29/2012 15:38	55.6	48.4	30	WSW	247	10.7	10.7	77	0
2/29/2012 15:43	55.2	48.1	29.99	West	270	3.8	14.5	77	0
2/29/2012 15:48	55.2	48.1	29.99	WNW	292	10.5	10.5	77	0
2/29/2012 15:53	55.2	48.1	29.99	West	270	17.4	17.4	77	0
2/29/2012 15:58	55.2	48.4	29.99	SW	225	6.9	12.7	78	0
2/29/2012 16:03	55.2	48.4	29.99	WSW	247	8.7	9.2	78	0
2/29/2012 16:08	55.2	48.4	29.99	WSW	247	8.7	8.7	78	0
2/29/2012 16:13	55.2	48.4	29.99	WSW	247	10.3	10.3	78	0
2/29/2012 16:18	55.2	48.4	29.99	WNW	292	9.4	11.9	78	0
2/29/2012 16:23	55.2	48.4	29.99	West	270	8.3	8.3	78	0
2/29/2012 16:28	55.2	48.8	29.99	SSW	202	5.4	8.1	79	0
2/29/2012 16:33	55.2	48.8	29.99	SSW	202	7.8	7.8	79	0
2/29/2012 16:43	55.4	48.9	29.99	West	270	7.6	15	79	0
2/29/2012 16:53	55.8	49.3	29.98	West	270	14.5	14.5	79	0
2/29/2012 16:58	55.6	48.4	29.99	West	270	10.5	15.9	78	0
2/29/2012 17:03	55.6	48.8	29.99	West	270	11.9	11.9	78	0
2/29/2012 17:08	55.4	48.6	29.99	WSW	247	8.5	8.5	78	0
2/29/2012 17:13	55.2	48.4	29.98	West	270	5.8	11.6	78	0
2/29/2012 17:18	55.2	48.8	29.98	West	270	12.7	17.4	79	0
2/29/2012 17:23	55	48.6	29.98	West	270	10.5	10.5	79	0
2/29/2012 17:28	55	48.3	29.98	WSW	247	9.4	9.6	78	0
2/29/2012 17:33	54.9	48.4	29.98	SE	135	4.9	14.8	79	0
2/29/2012 17:38	54.9	48.4	29.98	WSW	247	17.7	17.7	79	0
2/29/2012 17:43	54.7	48.3	29.98	NW	315	17	21	79	0
2/29/2012 17:53	54.7	48.3	29.98	WSW	247	12.1	12.1	79	0

Attachment 2
Conversion of Road Traffic Noise L_{eq} to CNEL

ROAD NOISE DATA CONVERSION OF LEQ TO CNEL - BASELINE (2010) CONDITIONS

Noise Levels in Leq						
Receptor ID	Field Measurement	2010 Baseline	Alt 1_2	Alt3	Alt4	Alt8_9
RD1	69.1	64.9	65.1	64.8	64.8	65.1
RD2	69.3	69.0	68.9	69.1	69.1	68.9
RD3	75.4	72.4	72.4	72.6	72.6	72.5
RD4	74.3	69.6	69.8	70.0	70.0	69.8
RD5	68.0	58.3	57.7	57.5	57.5	57.7
RD6	69.5	57.8	57.3	58.9	58.9	57.4
RD7	72.9	63.3	61.8	61.9	61.9	61.8
RD8	68.5	66.1	66.8	66.5	66.5	67.2
RD9	74.9	63.3	63.4	63.7	63.7	63.4
RD10	63.6	62.2	62.2	62.1	62.1	62.2
RD11	74.4	58.9	59.0	60.3	60.3	59.9
RD12	69.3	63.7	63.6	63.0	63.0	63.5
RD13	65.4	67.3	67.3	67.2	67.2	67.3
RD14	57.7	54.5	54.2	52.1	52.1	54.5
RD15	68.0	71.4	71.3	71.3	71.3	71.3

CONVERSION OF LEQ TO LDN						
Leq(h)pk = Peak Hour Leq						
P = Peak Hour volume % of ADT						
D = Day-time fraction of ADT						
N = Night-time fraction of ADT						
Ldn = Leq (h)pk + 10						
Log 4.17/P + 10 Log(D						
+ 10N)						
Noise Levels in Ldn						
Receptor ID	Field Measurement	2010 Baseline	Alt 1_2	Alt3	Alt4	Alt8_9
RD1	69.0	64.8	65.0	64.7	64.7	65.0
RD2	69.2	68.9	68.8	69.0	69.0	68.8
RD3	75.3	72.3	72.3	72.5	72.5	72.4
RD4	74.2	69.5	69.7	69.9	69.9	69.7
RD5	67.9	58.2	57.6	57.4	57.4	57.6
RD6	69.4	57.7	57.2	58.8	58.8	57.3
RD7	72.8	63.2	61.7	61.8	61.8	61.7
RD8	68.4	66.0	66.7	66.4	66.4	67.1
RD9	74.8	63.2	63.3	63.6	63.6	63.3
RD10	63.5	62.1	62.1	62.0	62.0	62.1
RD11	74.3	58.8	58.9	60.2	60.2	59.8
RD12	69.2	63.6	63.5	62.9	62.9	63.4
RD13	65.3	67.2	67.2	67.1	67.1	67.2
RD14	57.6	54.4	54.1	52.0	52.0	54.4
RD15	67.9	71.3	71.2	71.2	71.2	71.2

CORRECTION OF LDN TO CNEL (Per Table N-2231.2 of Caltrans 1998 Technical Noise Supplement)

D = Day-time fraction of ADT	0.80
E = Evening-time fraction of ADT	0.05
DB Correction to Ldn	0.30

Noise Levels in CNEL

Receptor ID	Field Measurement	2010 Baseline	Alt 1_2	Alt3	Alt4	Alt8_9
RD1	69.0	65.1	65.3	65.0	65.0	65.3
RD2	69.2	69.2	69.1	69.3	69.3	69.1
RD3	75.3	72.6	72.6	72.8	72.8	72.7
RD4	74.2	69.8	70.0	70.2	70.2	70.0
RD5	67.9	58.5	57.9	57.7	57.7	57.9
RD6	69.4	58.0	57.5	59.1	59.1	57.6
RD7	72.8	63.5	62.0	62.1	62.1	62.0
RD8	68.4	66.3	67.0	66.7	66.7	67.4
RD9	74.8	63.5	63.6	63.9	63.9	63.6
RD10	63.5	62.4	62.4	62.3	62.3	62.4
RD11	74.3	59.1	59.2	60.5	60.5	60.1
RD12	69.2	63.9	63.8	63.2	63.2	63.7
RD13	65.3	67.5	67.5	67.4	67.4	67.5
RD14	57.6	54.7	54.4	52.3	52.3	54.7
RD15	67.9	71.6	71.5	71.5	71.5	71.5

ROAD NOISE DATA CONVERSION OF LEQ TO CNEL - FUTURE (2025) CONDITIONS

Noise Levels in Leq						
Receptor ID	2025 - w/o SPAS	Alt 1_2	Alt3	Alt4	Alt8_9	
RD1	65.5	65.3	65.0	65.6	65.3	
RD2	70.5	69.8	69.9	69.8	69.8	
RD3	73.0	73.0	73.2	73.1	73.0	
RD4	70.2	70.2	70.1	70.2	70.2	
RD5	58.8	59.5	58.4	58.8	59.4	
RD6	58.0	58.8	60.5	60.4	58.8	
RD7	62.9	64.5	64.1	64.3	64.4	
RD8	67.8	67.3	66.8	67.5	67.4	
RD9	64.2	65.4	64.6	64.6	64.3	
RD10	64.3	63.9	64.2	64.2	64.3	
RD11	59.3	59.8	60.6	59.5	59.9	
RD12	64.4	64.4	63.7	64.3	64.3	
RD13	69.3	69.5	69.4	69.5	69.2	
RD14	54.6	55.7	53.5	56.7	55.4	
RD15	72.0	71.4	72.1	72.1	72.1	

CONVERSION OF LEQ TO LDN

Leq(h)pk = Peak Hour Leq

P = Peak Hour volume % of ADT 10

D = Day-time fraction of ADT 0.85

N = Night-time fraction of ADT 0.15

Ldn = Leq (h)pk + 10

Log 4.17/P + 10 Log(D
+ 10N)

Noise Levels in Ldn

Receptor ID	2025 w/o SPAS	Alt 1_2	Alt3	Alt4	Alt8_9	
RD1	65.4	65.2	64.9	65.5	65.2	
RD2	70.4	69.7	69.8	69.7	69.7	
RD3	72.9	72.9	73.1	73.0	72.9	
RD4	70.1	70.1	70.0	70.1	70.1	
RD5	58.7	59.4	58.3	58.7	59.3	
RD6	57.9	58.7	60.4	60.3	58.7	
RD7	62.8	64.4	64.0	64.2	64.3	
RD8	67.7	67.2	66.7	67.4	67.3	
RD9	64.1	65.3	64.5	64.5	64.2	
RD10	64.2	63.8	64.1	64.1	64.2	
RD11	59.2	59.7	60.5	59.4	59.8	
RD12	64.3	64.3	63.6	64.2	64.2	
RD13	69.2	69.4	69.3	69.4	69.1	
RD14	54.5	55.6	53.4	56.6	55.3	
RD15	71.9	71.3	72.0	72.0	72.0	

CORRECTION OF LDN TO CNEL (Per Table N-2231.2 of Caltrans 1998 Technical Noise Supplement)

D = Day-time fraction of ADT 0.80
 E = Evening-time fraction of ADT 0.05
 DB Correction to Ldn 0.30

Noise Levels in CNEL

Receptor ID		2025 w/o SPAS	Alt 1_2	Alt3	Alt4	Alt8_9
RD1		65.7	65.5	65.2	65.8	65.5
RD2		70.7	70.0	70.1	70.0	70.0
RD3		73.2	73.2	73.4	73.3	73.2
RD4		70.4	70.4	70.3	70.4	70.4
RD5		59.0	59.7	58.6	59.0	59.6
RD6		58.2	59.0	60.7	60.6	59.0
RD7		63.1	64.7	64.3	64.5	64.6
RD8		68.0	67.5	67.0	67.7	67.6
RD9		64.4	65.6	64.8	64.8	64.5
RD10		64.5	64.1	64.4	64.4	64.5
RD11		59.5	60.0	60.8	59.7	60.1
RD12		64.6	64.6	63.9	64.5	64.5
RD13		69.5	69.7	69.6	69.7	69.4
RD14		54.8	55.9	53.7	56.9	55.6
RD15		72.2	71.6	72.3	72.3	72.3