

APPENDIX E
NOISE CALCULATIONS

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 1.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Revs: 4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 1
 Note1:
 Note2:

Overall Measurement		Current Measurement	
Start Time:	10-Apr-2006 12:04:18	Start Time:	10-Apr-2006 12:04:18
Elapsed Time:	00:15:00.0	Elapsed Time:	00:15:00.0
Leq:	57.3 dBA	Leq:	57.3 dBA
SEL:	86.8 dBA	SEL:	86.8 dBA
Dose: (8 hr)	0.0 %	Dose: (8 hr)	0.0 %
Proj. Dose:	0.0 %	Proj. Dose:	0.0 %
Threshold:	0 dB	Threshold:	0 dB
Criterion:	90 dB	Criterion:	90 dB
Exchange Rate:	3 dB	Exchange Rate:	3 dB

Min:	50.1 dBA	10-Apr-2006	12:13:31	Min:	50.1 dBA	10-Apr-2006	12:13:31
Max:	80.1 dBA	10-Apr-2006	12:10:55	Max:	80.1 dBA	10-Apr-2006	12:10:55
Peak-1:	113.1 dBF	10-Apr-2006	12:10:55	Peak-1:	113.1 dBF	10-Apr-2006	12:10:55
Peak-2:	111.9 dBA	10-Apr-2006	12:10:55	Peak-2:	111.9 dBA	10-Apr-2006	12:10:55

Ln Start Level:	15 dB			LDN:	57.3 dBA
L1.00	63.8 dBA	L90.00	52.2 dBA	CNEL:	57.3 dBA
L5.00	60.8 dBA	L95.00	51.7 dBA	Overall Leq:	57.3 dBA
L50.00	54.3 dBA	L99.00	51.0 dBA		

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 115.0 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated:	30-Sep-2005 10:48:13	Offset:	-45.8 dB
Checked:	10-Apr-2006 03:04:58	Level:	114.0 dB
Calibrator	4259	Level:	114.0 dB
Cal Records Count:	0		

Interval Records:	Enabled	Number Interval Records:	1
History Records:	Enabled	Number History Records:	62
Exceedance Records:	Disabled	Number Exceedance Records:	0
Daily Records:	Disabled	Number Daily Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

824 Memory: 2097152 bytes

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 4.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Revs: 4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 4
 Note1:
 Note2:

Overall Measurement		Current Measurement	
Start Time:	10-Apr-2006 13:01:59	Start Time:	10-Apr-2006 13:01:59
Elapsed Time:	00:15:00.0	Elapsed Time:	00:15:00.0
Leq:	64.9 dBA	Leq:	64.9 dBA
SEL:	94.5 dBA	SEL:	94.5 dBA
Dose: (8 hr)	0.0 %	Dose: (8 hr)	0.0 %
Proj. Dose:	0.3 %	Proj. Dose:	0.3 %
Threshold:	0 dB	Threshold:	0 dB
Criterion:	90 dB	Criterion:	90 dB
Exchange Rate:	3 dB	Exchange Rate:	3 dB

Min:	47.1 dBA	10-Apr-2006	13:11:57	Min:	47.1 dBA	10-Apr-2006	13:11:57
Max:	81.2 dBA	10-Apr-2006	13:15:13	Max:	81.2 dBA	10-Apr-2006	13:15:13
Peak-1:	114.2 dBF	10-Apr-2006	13:15:12	Peak-1:	114.2 dBF	10-Apr-2006	13:15:12
Peak-2:	93.3 dBA	10-Apr-2006	13:02:26	Peak-2:	93.3 dBA	10-Apr-2006	13:02:26

Ln Start Level:	15 dB			LDN:	64.9 dBA
L1.00	73.5 dBA	L90.00	52.0 dBA	CNEL:	64.9 dBA
L5.00	70.2 dBA	L95.00	50.6 dBA	Overall Leq:	64.9 dBA
L50.00	61.0 dBA	L99.00	48.8 dBA		

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 115.0 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated:	30-Sep-2005 10:48:13	Offset:	-45.8 dB
Checked:	10-Apr-2006 03:04:58	Level:	114.0 dB
Calibrator	4259	Level:	114.0 dB
Cal Records Count:	0		

Interval Records:	Enabled	Number Interval Records:	1
History Records:	Enabled	Number History Records:	62
Exceedance Records:	Disabled	Number Exceedance Records:	0
Daily Records:	Disabled	Number Daily Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

824 Memory: 2097152 bytes

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 4.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 4
 Note1:
 Note2:

Overall Any Data

Start Time: 10-Apr-2006 13:01:59
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	64.9 dBA	81.0 dBC	81.8 dBF
SEL:	94.5 dBA	110.6 dBC	111.4 dBF
Peak:	93.3 dBA	113.4 dBC	114.2 dBF
10-Apr-2006 13:02:26	10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	
Lmax (slow):	81.2 dBA	106.5 dBC	107.2 dBF
10-Apr-2006 13:15:13	10-Apr-2006 13:15:13	10-Apr-2006 13:15:13	
Lmin (slow):	47.1 dBA	66.8 dBC	68.0 dBF
10-Apr-2006 13:11:57	10-Apr-2006 13:16:21	10-Apr-2006 13:16:21	
Lmax (fast):	83.6 dBA	109.3 dBC	110.0 dBF
10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	
Lmin (fast):	45.8 dBA	64.0 dBC	65.3 dBF
10-Apr-2006 13:11:57	10-Apr-2006 13:16:21	10-Apr-2006 13:16:20	
Lmax (impulse):	84.2 dBA	110.0 dBC	110.7 dBF
10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	
Lmin (impulse):	46.6 dBA	66.6 dBC	68.3 dBF
10-Apr-2006 13:11:55	10-Apr-2006 13:16:21	10-Apr-2006 13:16:21	

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 4.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 4
 Note1:
 Note2:

Current Any Data

Start Time: 10-Apr-2006 13:01:59
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	64.9 dBA	81.0 dBC	81.8 dBF
SEL:	94.5 dBA	110.6 dBC	111.4 dBF
Peak:	93.3 dBA	113.4 dBC	114.2 dBF
10-Apr-2006 13:02:26	10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	
Lmax (slow):	81.2 dBA	106.5 dBC	107.2 dBF
10-Apr-2006 13:15:13	10-Apr-2006 13:15:13	10-Apr-2006 13:15:13	
Lmin (slow):	47.1 dBA	66.8 dBC	68.0 dBF
10-Apr-2006 13:11:57	10-Apr-2006 13:16:21	10-Apr-2006 13:16:21	
Lmax (fast):	83.6 dBA	109.3 dBC	110.0 dBF
10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	
Lmin (fast):	45.8 dBA	64.0 dBC	65.3 dBF
10-Apr-2006 13:11:57	10-Apr-2006 13:16:21	10-Apr-2006 13:16:20	
Lmax (impulse):	84.2 dBA	110.0 dBC	110.7 dBF
10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	10-Apr-2006 13:15:12	
Lmin (impulse):	46.6 dBA	66.6 dBC	68.3 dBF
10-Apr-2006 13:11:55	10-Apr-2006 13:16:21	10-Apr-2006 13:16:21	

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 3.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Revs: 4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 3
 Note1:
 Note2:

Overall Measurement		Current Measurement	
Start Time:	10-Apr-2006 12:45:00	Start Time:	10-Apr-2006 12:45:00
Elapsed Time:	00:15:00.0	Elapsed Time:	00:15:00.0
Leq:	63.6 dBA	Leq:	63.6 dBA
SEL:	93.1 dBA	SEL:	93.1 dBA
Dose: (8 hr)	0.0 %	Dose: (8 hr)	0.0 %
Proj. Dose:	0.2 %	Proj. Dose:	0.2 %
Threshold:	0 dB	Threshold:	0 dB
Criterion:	90 dB	Criterion:	90 dB
Exchange Rate:	3 dB	Exchange Rate:	3 dB

Min:	47.1 dBA	10-Apr-2006	12:45:05	Min:	47.1 dBA	10-Apr-2006	12:45:05
Max:	78.5 dBA	10-Apr-2006	12:58:43	Max:	78.5 dBA	10-Apr-2006	12:58:43
Peak-1:	99.7 dBF	10-Apr-2006	12:58:42	Peak-1:	99.7 dBF	10-Apr-2006	12:58:42
Peak-2:	96.5 dBA	10-Apr-2006	12:45:07	Peak-2:	96.5 dBA	10-Apr-2006	12:45:07

Ln Start Level:	15 dB	LDN:	63.6 dBA
L1.00	71.5 dBA	L90.00	51.9 dBA
L5.00	68.0 dBA	L95.00	50.1 dBA
L50.00	61.3 dBA	L99.00	48.0 dBA
		CNEL:	63.6 dBA
		Overall Leq:	63.6 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 115.0 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated:	30-Sep-2005 10:48:13	Offset:	-45.8 dB
Checked:	10-Apr-2006 03:04:58	Level:	114.0 dB
Calibrator	4259	Level:	114.0 dB
Cal Records Count:	0		

Interval Records:	Enabled	Number Interval Records:	1
History Records:	Enabled	Number History Records:	62
Exceedance Records:	Disabled	Number Exceedance Records:	0
Daily Records:	Disabled	Number Daily Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

824 Memory: 2097152 bytes

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 3.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 3
 Note1:
 Note2:

Overall Any Data

Start Time: 10-Apr-2006 12:45:00
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	63.6 dBA	72.1 dBC	73.4 dBF
SEL:	93.1 dBA	101.7 dBC	102.9 dBF
Peak:	96.5 dBA	99.7 dBC	99.7 dBF
10-Apr-2006 12:45:07		10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmax (slow):	78.5 dBA	90.4 dBC	90.7 dBF
10-Apr-2006 12:58:43		10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmin (slow):	47.1 dBA	62.0 dBC	64.7 dBF
10-Apr-2006 12:45:05		10-Apr-2006 12:45:00	10-Apr-2006 13:00:00
Lmax (fast):	79.9 dBA	92.5 dBC	92.8 dBF
10-Apr-2006 12:58:42		10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmin (fast):	46.2 dBA	61.0 dBC	63.1 dBF
10-Apr-2006 12:45:05		10-Apr-2006 12:59:56	10-Apr-2006 12:59:56
Lmax (impulse):	80.4 dBA	93.0 dBC	93.3 dBF
10-Apr-2006 12:58:42		10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmin (impulse):	47.1 dBA	60.7 dBC	63.6 dBF
10-Apr-2006 12:49:21		10-Apr-2006 12:45:00	10-Apr-2006 12:45:00

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 3.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 3
 Note1:
 Note2:

Current Any Data

Start Time: 10-Apr-2006 12:45:00
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	63.6 dBA	72.1 dBC	73.4 dBF
SEL:	93.1 dBA	101.7 dBC	102.9 dBF
Peak:	96.5 dBA	99.7 dBC	99.7 dBF
10-Apr-2006 12:45:07	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmax (slow):	78.5 dBA	90.4 dBC	90.7 dBF
10-Apr-2006 12:58:43	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmin (slow):	47.1 dBA	62.0 dBC	64.7 dBF
10-Apr-2006 12:45:05	10-Apr-2006 12:45:00	10-Apr-2006 13:00:00	
Lmax (fast):	79.9 dBA	92.5 dBC	92.8 dBF
10-Apr-2006 12:58:42	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmin (fast):	46.2 dBA	61.0 dBC	63.1 dBF
10-Apr-2006 12:45:05	10-Apr-2006 12:59:56	10-Apr-2006 12:59:56	10-Apr-2006 12:59:56
Lmax (impulse):	80.4 dBA	93.0 dBC	93.3 dBF
10-Apr-2006 12:58:42	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42	10-Apr-2006 12:58:42
Lmin (impulse):	47.1 dBA	60.7 dBC	63.6 dBF
10-Apr-2006 12:49:21	10-Apr-2006 12:45:00	10-Apr-2006 12:45:00	10-Apr-2006 12:45:00

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 2.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Revs: 4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 2
 Note1:
 Note2:

Overall Measurement		Current Measurement	
Start Time:	10-Apr-2006 12:21:29	Start Time:	10-Apr-2006 12:21:29
Elapsed Time:	00:15:00.0	Elapsed Time:	00:15:00.0
Leq:	53.5 dBA	Leq:	53.5 dBA
SEL:	83.1 dBA	SEL:	83.1 dBA
Dose: (8 hr)	0.0 %	Dose: (8 hr)	0.0 %
Proj. Dose:	0.0 %	Proj. Dose:	0.0 %
Threshold:	0 dB	Threshold:	0 dB
Criterion:	90 dB	Criterion:	90 dB
Exchange Rate:	3 dB	Exchange Rate:	3 dB

Min:	49.6 dBA	10-Apr-2006 12:22:48	Min:	49.6 dBA	10-Apr-2006 12:22:48
Max:	61.9 dBA	10-Apr-2006 12:29:12	Max:	61.9 dBA	10-Apr-2006 12:29:12
Peak-1:	96.1 dBF	10-Apr-2006 12:25:53	Peak-1:	96.1 dBF	10-Apr-2006 12:25:53
Peak-2:	90.3 dBA	10-Apr-2006 12:24:06	Peak-2:	90.3 dBA	10-Apr-2006 12:24:06

Ln Start Level:	15 dB			
L1.00	57.8 dBA	L90.00	51.4 dBA	LDN: 53.5 dBA
L5.00	56.1 dBA	L95.00	51.0 dBA	CNEL: 53.5 dBA
L50.00	52.9 dBA	L99.00	50.2 dBA	Overall Leq:53.5 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 115.0 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated:	30-Sep-2005 10:48:13	Offset:	-45.8 dB
Checked:	10-Apr-2006 03:04:58	Level:	114.0 dB
Calibrator	4259	Level:	114.0 dB
Cal Records Count:	0		

Interval Records:	Enabled	Number Interval Records:	1
History Records:	Enabled	Number History Records:	62
Exceedance Records:	Disabled	Number Exceedance Records:	0
Daily Records:	Disabled	Number Daily Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

824 Memory: 2097152 bytes

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 2.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 2
 Note1:
 Note2:

Overall Any Data

Start Time: 10-Apr-2006 12:21:29
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	53.5 dBA	69.4 dBC	72.9 dBF
SEL:	83.1 dBA	98.9 dBC	102.5 dBF
Peak:	90.3 dBA	90.9 dBC	96.1 dBF
10-Apr-2006 12:24:06	10-Apr-2006 12:29:08	10-Apr-2006 12:25:53	
Lmax (slow):	61.9 dBA	81.8 dBC	83.3 dBF
10-Apr-2006 12:29:12	10-Apr-2006 12:25:10	10-Apr-2006 12:26:07	
Lmin (slow):	49.6 dBA	64.3 dBC	65.7 dBF
10-Apr-2006 12:22:48	10-Apr-2006 12:25:38	10-Apr-2006 12:25:38	
Lmax (fast):	68.4 dBA	84.4 dBC	88.8 dBF
10-Apr-2006 12:29:12	10-Apr-2006 12:25:10	10-Apr-2006 12:26:07	
Lmin (fast):	49.0 dBA	62.3 dBC	63.6 dBF
10-Apr-2006 12:22:39	10-Apr-2006 12:25:38	10-Apr-2006 12:25:38	
Lmax (impulse):	70.5 dBA	85.1 dBC	92.1 dBF
10-Apr-2006 12:29:12	10-Apr-2006 12:25:09	10-Apr-2006 12:26:07	
Lmin (impulse):	49.6 dBA	65.3 dBC	66.7 dBF
10-Apr-2006 12:22:39	10-Apr-2006 12:25:38	10-Apr-2006 12:25:38	

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 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 2
 Note1:
 Note2:

Current Any Data

Start Time: 10-Apr-2006 12:21:29
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	53.5 dBA	69.4 dBC	72.9 dBF
SEL:	83.1 dBA	98.9 dBC	102.5 dBF
Peak:	90.3 dBA	90.9 dBC	96.1 dBF
10-Apr-2006 12:24:06	10-Apr-2006 12:29:08	10-Apr-2006 12:25:53	
Lmax (slow):	61.9 dBA	81.8 dBC	83.3 dBF
10-Apr-2006 12:29:12	10-Apr-2006 12:25:10	10-Apr-2006 12:26:07	
Lmin (slow):	49.6 dBA	64.3 dBC	65.7 dBF
10-Apr-2006 12:22:48	10-Apr-2006 12:25:38	10-Apr-2006 12:25:38	
Lmax (fast):	68.4 dBA	84.4 dBC	88.8 dBF
10-Apr-2006 12:29:12	10-Apr-2006 12:25:10	10-Apr-2006 12:26:07	
Lmin (fast):	49.0 dBA	62.3 dBC	63.6 dBF
10-Apr-2006 12:22:39	10-Apr-2006 12:25:38	10-Apr-2006 12:25:38	
Lmax (impulse):	70.5 dBA	85.1 dBC	92.1 dBF
10-Apr-2006 12:29:12	10-Apr-2006 12:25:09	10-Apr-2006 12:26:07	
Lmin (impulse):	49.6 dBA	65.3 dBC	66.7 dBF
10-Apr-2006 12:22:39	10-Apr-2006 12:25:38	10-Apr-2006 12:25:38	

OFF-SITE TRAFFIC NOISE LEVELS

Project Name: Holocaust Museum

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Analysis Scenario(s): Future Without Project and Future With Project Traffic Volumes
 Source of Traffic Volumes: Crain & Associates, June 2006
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

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%

Traffic Noise Levels

Analysis Condition				Peak		Design	Dist. from		Barrier	Vehicle Mix		Peak Hou	24-Hour
Roadway Name			Median	Hour	ADT	Speed	Center to	Alpha	Attn.	Medium	Heavy	dB(A)	dB(A)
Roadway Segment	Land Use	Lanes	Width	Volume	Volume	(mph)	Receptor ¹	Factor	dB(A)	Trucks	Trucks	L _{eq}	CNEL
Future (2010) Without Project - Weekday													
Stanley Avenue													
North of Beverly Blvd.	Residential	2	0	0	1,680	25	38	1	0	1.8%	0.7%	0.0	56.4
B/t Beverly & Grove Parking Driveway	Residential & Park	4	0	0	7,590	35	34	1	0	1.8%	0.7%	0.0	68.3
B/t Grove Parking Driveway & 3rd St.	Park	4	10	0	7,740	35	34	1	0	1.8%	0.7%	0.0	69.6
3rd Street													
B/t Stanley Ave. & Gardner St.	Residential	4	10	0	37,830	35	42	1	0	1.8%	0.7%	0.0	73.5
B/t Ogden Dr. & Stanley Ave.	Residential	4	10	0	36,190	35	42	1	0	1.8%	0.7%	0.0	73.3
Future (2010) With Project - Weekday													
Stanley Avenue													
North of Beverly Blvd.	Residential	2	0	0	1,680	25	38	1	0	1.8%	0.7%	0.0	56.4
B/t Beverly & Grove Parking Driveway	Residential & Park	4	0	0	7,640	35	34	1	0	1.8%	0.7%	0.0	68.3
B/t Grove Parking Driveway & 3rd St.	Park	4	10	0	7,800	35	34	1	0	1.8%	0.7%	0.0	69.6
3rd Street													
B/t Stanley Ave. & Gardner St.	Residential	4	10	0	37,820	35	42	1	0	1.8%	0.7%	0.0	73.5
B/t Ogden Dr. & Stanley Ave.	Residential	4	10	0	36,210	35	42	1	0	1.8%	0.7%	0.0	73.3
Future (2010) Without Project - Sunday													
Stanley Avenue													
North of Beverly Blvd.	Residential	2	0	0	1,580	25	38	1	0	1.8%	0.7%	0.0	56.1
B/t Beverly & Grove Parking Driveway	Residential & Park	4	0	0	9,220	35	34	1	0	1.8%	0.7%	0.0	69.1
B/t Grove Parking Driveway & 3rd St.	Park	4	10	0	11,500	35	34	1	0	1.8%	0.7%	0.0	71.3
3rd Street													
B/t Stanley Ave. & Gardner St.	Residential	4	10	0	30,740	35	42	1	0	1.8%	0.7%	0.0	72.6
B/t Ogden Dr. & Stanley Ave.	Residential	4	10	0	29,260	35	42	1	0	1.8%	0.7%	0.0	72.4
Future (2010) With Project - Sunday													
Stanley Avenue													
North of Beverly Blvd.	Residential	2	0	0	1,590	25	38	1	0	1.8%	0.7%	0.0	56.1
B/t Beverly & Grove Parking Driveway	Residential & Park	4	0	0	9,310	35	34	1	0	1.8%	0.7%	0.0	69.1
B/t Grove Parking Driveway & 3rd St.	Park	4	10	0	11,590	35	34	1	0	1.8%	0.7%	0.0	71.3
3rd Street													
B/t Stanley Ave. & Gardner St.	Residential	4	10	0	30,790	35	42	1	0	1.8%	0.7%	0.0	72.6
B/t Ogden Dr. & Stanley Ave.	Residential	4	10	0	29,300	35	42	1	0	1.8%	0.7%	0.0	72.4

¹ Distance is from the centerline of the roadway segment to the receptor location.

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 1.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 1
 Note1:
 Note2:

Overall Any Data

Start Time: 10-Apr-2006 12:04:18
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	57.3 dBA	71.4 dBC	73.4 dBF
SEL:	86.8 dBA	101.0 dBC	103.0 dBF
Peak:	111.9 dBA	112.8 dBC	113.1 dBF
10-Apr-2006 12:10:55	10-Apr-2006 12:10:55	10-Apr-2006 12:10:55	10-Apr-2006 12:10:55
Lmax (slow):	80.1 dBA	81.8 dBC	84.5 dBF
10-Apr-2006 12:10:55	10-Apr-2006 12:10:55	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56
Lmin (slow):	50.1 dBA	66.2 dBC	67.7 dBF
10-Apr-2006 12:13:31	10-Apr-2006 12:09:11	10-Apr-2006 12:09:11	10-Apr-2006 12:09:11
Lmax (fast):	88.7 dBA	89.8 dBC	92.5 dBF
10-Apr-2006 12:10:55	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56
Lmin (fast):	48.5 dBA	63.9 dBC	65.3 dBF
10-Apr-2006 12:10:04	10-Apr-2006 12:09:11	10-Apr-2006 12:09:11	10-Apr-2006 12:09:11
Lmax (impulse):	93.7 dBA	94.2 dBC	96.8 dBF
10-Apr-2006 12:10:55	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56
Lmin (impulse):	50.2 dBA	66.8 dBC	68.4 dBF
10-Apr-2006 12:13:30	10-Apr-2006 12:09:10	10-Apr-2006 12:09:11	10-Apr-2006 12:09:11

File Translated: F:\MSWord 2006 Projects\Holocaust Museum\Noise Data\Noise Measurements\Location 1.slmdl
 Model/Serial Number: 824 / A3050
 Firmware/Software Rev4.230 / 3.120
 Name: Christopher A. Joseph & Assoc.
 Descr1: Enter Address Line 1
 Descr2: Enter Address Line 2
 Setup/Setup Descr: 15_minut.log / 15 Minute
 Location: Location 1
 Note1:
 Note2:

Current Any Data

Start Time: 10-Apr-2006 12:04:18
 Elapsed Time: 00:15:00.0

	A Weight	C Weight	Flat
Leq:	57.3 dBA	71.4 dBC	73.4 dBF
SEL:	86.8 dBA	101.0 dBC	103.0 dBF
Peak:	111.9 dBA	112.8 dBC	113.1 dBF
	10-Apr-2006 12:10:55	10-Apr-2006 12:10:55	10-Apr-2006 12:10:55
Lmax (slow):	80.1 dBA	81.8 dBC	84.5 dBF
	10-Apr-2006 12:10:55	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56
Lmin (slow):	50.1 dBA	66.2 dBC	67.7 dBF
	10-Apr-2006 12:13:31	10-Apr-2006 12:09:11	10-Apr-2006 12:09:11
Lmax (fast):	88.7 dBA	89.8 dBC	92.5 dBF
	10-Apr-2006 12:10:55	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56
Lmin (fast):	48.5 dBA	63.9 dBC	65.3 dBF
	10-Apr-2006 12:10:04	10-Apr-2006 12:09:11	10-Apr-2006 12:09:11
Lmax (impulse):	93.7 dBA	94.2 dBC	96.8 dBF
	10-Apr-2006 12:10:55	10-Apr-2006 12:15:56	10-Apr-2006 12:15:56
Lmin (impulse):	50.2 dBA	66.8 dBC	68.4 dBF
	10-Apr-2006 12:13:30	10-Apr-2006 12:09:10	10-Apr-2006 12:09:11