Appendix G

Noise Calculation Worksheets

1520 Cahuenga Project

Noise Calculations Worksheets

Provided by Acoustical Engineering Services

Ambient Noise Measurements

AES
Acoustical Engineering Services

Location: R1
Date: 2/25/2021

Time	Leq	Lmax
10:15:44 AM	68.9	71.7
10:15:54 AM	58.3	64.1
10:16:04 AM	57.9	64.2
10:16:14 AM	64.9	66.4
10:16:24 AM	63.4	65.6
10:16:34 AM	58.6	60.5
10:16:44 AM	54.4	57.5
10:16:54 AM	53.3	54.8
10:17:04 AM	53.4	54.6
10:17:14 AM	56	58.9
10:17:24 AM	53.1	56.1
10:17:34 AM	53.4	56.7
10:17:44 AM	54.2	55.5
10:17:54 AM	59.9	64.8
10:18:04 AM	56.2	59
10:18:14 AM	60.6	65.9
10:18:24 AM	62.5	65.2
10:18:34 AM	60.7	62.9
10:18:44 AM	58.9	61
10:18:54 AM	52.3	55
10:19:04 AM	62.6	67.8
10:19:14 AM	53.2	54.9
10:19:24 AM	55.9	57.2
10:19:34 AM	61.8	65.1
10:19:44 AM	58.2	60.9
10:19:54 AM	59	62.3
10:20:04 AM	61.7	64.4
10:20:14 AM	63.8	65.6
10:20:24 AM	64.9	66.7
10:20:34 AM	61.8	66.6
10:20:44 AM	58.2	59.9
10:20:54 AM	61.2	64.9
10:21:04 AM	62.8	65.4
10:21:14 AM	61.7	65.5
10:21:24 AM	59.9	65.1
10:21:34 AM	64.4	66.5
10:21:44 AM	58.9	63.9
10:21:54 AM	54.4	55.2
10:22:04 AM	52.8	58.7
10:22:14 AM	64	69.4
10:22:24 AM	55.5	61.1

10:22:34 AM	65.1	68.2
10:22:44 AM	58.4	59.8
10:22:54 AM	56.3	59.8
10:23:04 AM	53.2	56.8
10:23:14 AM	50	51.4
10:23:24 AM	52.9	54.6
10:23:34 AM	54.1	57.9
10:23:44 AM	61.4	63.7
10:23:54 AM	58.2	61.1
10:24:04 AM	51	52.7
10:24:14 AM	50.4	51.1
10:24:24 AM	54.9	60.8
10:24:34 AM	63.3	66.3
10:24:44 AM	54.8	57.6
10:24:54 AM	52	53.2
10:25:04 AM	55.1	59.3
10:25:14 AM	58.7	61.6
10:25:24 AM	53.7	58.8
10:25:34 AM	51.6	53.6
10:25:44 AM	53.3	54.9
10:25:54 AM	51.9	55.6
10:26:04 AM	51.7	53.5
10:26:14 AM	51.2	52.7
10:26:24 AM	50	50.8
10:26:34 AM	50.9	51.5
10:26:44 AM	50.9	52.4
10:26:54 AM	50.9	52.4
10:27:04 AM	52.7	56.4
10:27:14 AM	55.3	59.5
10:27:24 AM	51.7	52.3
10:27:34 AM	53.8	56
10:27:44 AM	62.6	68.5
10:27:54 AM	65.5	68.7
10:28:04 AM	57.2	63.2
10:28:14 AM	59.1	63.2
10:28:24 AM	57.2	60.7
10:28:34 AM	54.6	56.7
10:28:44 AM	56.9	61.3
10:28:54 AM	57.9	61.5
10:29:04 AM	54.6	59.8
10:29:14 AM	58.9	62.2
10:29:24 AM	57.6	59.5
10:29:34 AM	56	58.3
10:29:44 AM	64.7	70.7
10:29:54 AM	64.6	68.6

10:30:04 AM	64.2	67.2
10:30:14 AM	57.8	61.3
10:30:24 AM	54.4	57
10:30:34 AM	59.5	66.5
	59.8	

Time	Leq	Lmax
11:54:03 AM	50.8	51.8
11:54:13 AM	52	54.2
11:54:23 AM	56.2	61.6
11:54:33 AM	54.1	59.6
11:54:43 AM	51.1	52.7
11:54:53 AM	54.7	55.6
11:55:03 AM	54.8	56.2
11:55:13 AM	51.8	53.5
11:55:23 AM	50.1	50.7
11:55:33 AM	50.9	51.2
11:55:43 AM	50.8	51.4
11:55:53 AM	55.7	58.3
11:56:03 AM	51.9	53.5
11:56:13 AM	53.9	55.4
11:56:23 AM	55.2	58.5
11:56:33 AM	53.6	55.2
11:56:43 AM	52.3	53.1
11:56:53 AM	54.1	55.3
11:57:03 AM	52	53.9
11:57:13 AM	50.7	50.9
11:57:23 AM	50.7	51.4
11:57:33 AM	52.6	54.2
11:57:43 AM	53.3	54.2
11:57:53 AM	51.9	52.8
11:58:03 AM	52.8	54.2
11:58:13 AM	51.8	53.5
11:58:23 AM	51.7	53.1
11:58:33 AM	51.1	51.4
11:58:43 AM	53.5	56.3
11:58:53 AM	59	66.1
11:59:03 AM	60.7	65.7
11:59:13 AM	52.4	55.2
11:59:23 AM	53.2	55.8
11:59:33 AM	54.6	58.5
11:59:43 AM	53.5	55.4
11:59:53 AM	51.3	52.7
12:00:03 PM	50.7	51.2
12:00:13 PM	56.2	62.9

12:00:23 PM	59.7	64.9
12:00:33 PM	58.8	62.9
12:00:43 PM	62.9	66.1
12:00:53 PM	52.7	56.6
12:01:03 PM	55.1	59.9
12:01:13 PM	58.9	61.9
12:01:23 PM	55.9	58.1
12:01:33 PM	49.7	51.3
12:01:43 PM	51.6	53.5
12:01:53 PM	51.3	52.6
12:02:03 PM	52.1	54.6
12:02:13 PM	50.7	52.9
12:02:23 PM	50.2	51.7
12:02:33 PM	49.2	49.9
12:02:43 PM	50.2	51.3
12:02:53 PM	53.6	55.8
12:03:03 PM	53.9	57.1
12:03:13 PM	56.3	59.5
12:03:23 PM	51	51.9
12:03:33 PM	52.4	55.6
12:03:43 PM	50.2	51.7
12:03:53 PM	55.1	60.9
12:04:03 PM	56.4	58.5
12:04:13 PM	59.2	63.9
12:04:23 PM	56	59.1
12:04:33 PM	53.3	55.6
12:04:43 PM	53.8	57.7
12:04:53 PM	56.3	61.5
12:05:03 PM	58.9	62
12:05:13 PM	51.2	51.9
12:05:23 PM	50.4	51.4
12:05:33 PM	51.7	54.1
12:05:43 PM	49.5	51.1
12:05:53 PM	50.7	51.6
12:06:03 PM	52.3	55.6
12:06:13 PM	52.7	54.2
12:06:23 PM	50.9	52.5
12:06:33 PM	49	50
12:06:43 PM	51	53.9
12:06:53 PM	50.7	52.5
12:07:03 PM	51.8	53.3
12:07:13 PM	53.7	55.8
12:07:23 PM	56.1	57.3
12:07:33 PM	61.3	66.6
12:07:43 PM	57.3	63.8

12:07:53 PM	48.2	49.1
12:08:03 PM	48.5	49.4
12:08:13 PM	49.2	50.1
12:08:23 PM	56.2	59.3
12:08:33 PM	54.6	59.1
12:08:43 PM	48.1	49.1
12:08:53 PM	48.8	50.8
	54.6	

AES
Acoustical Engineering Services

Location: R2
Date: 2/25/2021

Time	Leq	Lmax
11:10:56 AM	64.4	69.7
11:11:06 AM	61.8	69.1
11:11:16 AM	50.8	51.3
11:11:26 AM	52.4	54.1
11:11:36 AM	66.9	72.1
11:11:46 AM	62.9	69.6
11:11:56 AM	63	66.9
11:12:06 AM	56.6	60.1
11:12:16 AM	63.9	68.3
11:12:26 AM	56.6	60.9
11:12:36 AM	54.7	55.5
11:12:46 AM	56.4	58.4
11:12:56 AM	64	68.4
11:13:06 AM	73.7	76
11:13:16 AM	81.7	85.9
11:13:26 AM	73.1	80.1
11:13:36 AM	62.5	68.4
11:13:46 AM	55.8	60.5
11:13:56 AM	54.6	57
11:14:06 AM	69.8	75.6
11:14:16 AM	67.4	71.5
11:14:26 AM	60.2	61.8
11:14:36 AM	55.5	59.8
11:14:46 AM	52.5	53.4
11:14:56 AM	51	51.8
11:15:06 AM	51.2	54.5
11:15:16 AM	52.7	54.5
11:15:26 AM	58.8	61.5
11:15:36 AM	58.2	59.8
11:15:46 AM	61.8	64.4
11:15:56 AM	60.4	64.6
11:16:06 AM	56	58
11:16:16 AM	56.5	57.8
11:16:26 AM	56.7	57.7
11:16:36 AM	56.1	56.6
11:16:46 AM	57.6	58.8
11:16:56 AM	58.4	60.9
11:17:06 AM	56.2	57.9
11:17:16 AM	54.5	55.9
11:17:26 AM	54.8	56.7
11:17:36 AM	59.5	64.5

11:17:46 AM	72.8	82.4
11:17:56 AM	67.1	76.4
11:18:06 AM	59.3	61.7
11:18:16 AM	62.7	64.1
11:18:26 AM	55.9	58.3
11:18:36 AM	55.9	56.9
11:18:46 AM	54.9	55.9
11:18:56 AM	59.2	66.7
11:19:06 AM	61.3	63.8
11:19:16 AM	59.3	63.1
11:19:26 AM	55.2	58.2
11:19:36 AM	55.6	58.6
11:19:46 AM	67.1	71.1
11:19:56 AM	62.4	67.8
11:20:06 AM	60.1	62.8
11:20:16 AM	59.9	65.7
11:20:26 AM	62.2	66.6
11:20:36 AM	68.7	74
11:20:46 AM	58.3	65.4
11:20:56 AM	52.3	53.1
11:21:06 AM	52.9	55
11:21:16 AM	53.5	55.1
11:21:26 AM	64.9	70.3
11:21:36 AM	62.5	66.7
11:21:46 AM	51.5	53.8
11:21:56 AM	57.9	64.6
11:22:06 AM	66.2	69.9
11:22:16 AM	61.2	64
11:22:26 AM	64.1	67.8
11:22:36 AM	57.6	61.1
11:22:46 AM	63.1	66.6
11:22:56 AM	58.4	63.7
11:23:06 AM	63.6	67.1
11:23:16 AM	60.1	62.7
11:23:26 AM	61.5	71.7
11:23:36 AM	66.7	72.7
11:23:46 AM	62	67.9
11:23:56 AM	67.2	69
11:24:06 AM	64.9	70.9
11:24:16 AM	54.4	56.4
11:24:26 AM	54.7	56.2
11:24:36 AM	53.1	54.6
11:24:46 AM	52.1	53.7
11:24:56 AM	57.2	61.1
11:25:06 AM	55.4	58.2

11:25:16 AM	54.8	57.6
11:25:26 AM	62.7	64.6
11:25:36 AM	71.5	74.2
11:25:46 AM	60.2	66.8
	65.9	

Time	Leq	Lmax
11:06:12 PM	55.8	60.1
11:06:22 PM	54.5	57.3
11:06:32 PM	53.5	57.3
11:06:42 PM	51.4	52.2
11:06:52 PM	51.1	52.7
11:07:02 PM	52.7	54.3
11:07:12 PM	53	53.5
11:07:22 PM	51.6	52.4
11:07:32 PM	61.1	64.5
11:07:42 PM	56.3	63.1
11:07:52 PM	49.2	50
11:08:02 PM	53.4	57.2
11:08:12 PM	54.8	58.4
11:08:22 PM	48.8	49.8
11:08:32 PM	46.7	47.8
11:08:42 PM	49.5	51.8
11:08:52 PM	51.5	52.3
11:09:02 PM	48.6	50.9
11:09:12 PM	50.3	55.8
11:09:22 PM	54	56
11:09:32 PM	49.6	50.2
11:09:42 PM	49.1	49.9
11:09:52 PM	51.3	52.8
11:10:02 PM	56	63.5
11:10:12 PM	63.7	69.1
11:10:22 PM	59.6	63.1
11:10:32 PM	59.3	60
11:10:42 PM	60.2	61.8
11:10:52 PM	56.3	58.5
11:11:02 PM	54.2	55.4
11:11:12 PM	61.5	65.6
11:11:22 PM	55.9	63.8
11:11:32 PM	54	61.8
11:11:42 PM	47.4	49.2
11:11:52 PM	47.2	48.9
11:12:02 PM	51	54.6
11:12:12 PM	61.1	64
11:12:22 PM	55.6	62.4

11:12:32 PM	50.7	52.6
11:12:42 PM	52	53.2
11:12:52 PM	51.1	53.9
11:13:02 PM	48.5	49.2
11:13:12 PM	48.2	50.4
11:13:22 PM	63.9	69.2
11:13:32 PM	58.1	65.3
11:13:42 PM	50.6	52.1
11:13:52 PM	64.9	72.7
11:14:02 PM	63.3	71.8
11:14:12 PM	53.5	55.5
11:14:22 PM	54.6	55.2
11:14:32 PM	53.6	59.6
11:14:42 PM	49.8	51.4
11:14:52 PM	48.2	49.3
11:15:02 PM	49.9	51.5
11:15:12 PM	51.3	54.7
11:15:22 PM	49.8	52.2
11:15:32 PM	52.4	53.5
11:15:42 PM	49.2	50.8
11:15:52 PM	53.8	56.4
11:16:02 PM	55.4	56.3
11:16:12 PM	53.7	57.2
11:16:22 PM	52.3	53.6
11:16:32 PM	54.1	55.8
11:16:42 PM	54.3	59.2
11:16:52 PM	54.8	59.1
11:17:02 PM	56.4	60
11:17:12 PM	55.1	61.3
11:17:22 PM	57.3	61.4
11:17:32 PM	52.2	54
11:17:42 PM	53.5	55.7
11:17:52 PM	51.5	52.7
11:18:02 PM	51	51.7
11:18:12 PM	49.4	50.1
11:18:22 PM	49.2	51.1
11:18:32 PM	49.1	50.2
11:18:42 PM	51.9	54.2
11:18:52 PM	56.9	62
11:19:02 PM	55.5	59
11:19:12 PM	71.1	74.6
11:19:22 PM	62.5	70.5
11:19:32 PM	49.7	50.3
11:19:42 PM	48.1	50.2
11:19:52 PM	50.6	53.3

11:20:02 PM	53.3	60.7
11:20:12 PM	63.6	67.9
11:20:22 PM	54.7	58.3
11:20:32 PM	48.3	49.4
11:20:42 PM	47.7	48.5
11:20:52 PM	47.7	49.4
11:21:02 PM	50.4	51.7
	57.3	

AES
Acoustical Engineering Services

Project: 1520 Cahuenga Project
Location: R3
Date: 2/25/2021

Time	Leq	Lmax
10:32:39 AM	62.3	67.1
10:32:49 AM	65.7	68.6
10:32:59 AM	62	65.9
10:33:09 AM	59.3	60.6
10:33:19 AM	57.1	58.8
10:33:29 AM	67.4	71.2
10:33:39 AM	63.9	66.6
10:33:49 AM	59.4	60.5
10:33:59 AM	61.9	63.7
10:34:09 AM	60.4	62.5
10:34:19 AM	59.8	60.9
10:34:29 AM	63.9	69.9
10:34:39 AM	64.4	67.7
10:34:49 AM	64.2	67.6
10:34:59 AM	61.1	64.6
10:35:09 AM	61.9	65.2
10:35:19 AM	63.7	66.1
10:35:29 AM	62.8	65.3
10:35:39 AM	57.8	60.2
10:35:49 AM	58	60.4
10:35:59 AM	60.5	63.2
10:36:09 AM	61.9	63.3
10:36:19 AM	59.6	61.8
10:36:29 AM	57	61.4
10:36:39 AM	61.7	63.6
10:36:49 AM	68.1	72.1
10:36:59 AM	67.1	71.2
10:37:09 AM	59.6	64.6
10:37:19 AM	65.9	68.8
10:37:29 AM	65.8	67.1
10:37:39 AM	73.8	78
10:37:49 AM	66	73.7
10:37:59 AM	59.8	60.8
10:38:09 AM	60.1	61.6
10:38:19 AM	60.2	61.7
10:38:29 AM	60.9	61.9
10:38:39 AM	63.6	66
10:38:49 AM	61.5	62.8
10:38:59 AM	67.1	71
10:39:09 AM	66	70.9

10:39:19 AM	63.9	68.6
10:39:29 AM	64.4	66.5
10:39:39 AM	65.7	68.5
10:39:49 AM	63.7	66.8
10:39:59 AM	57.2	58.5
10:40:09 AM	60.3	62.2
10:40:19 AM	58.9	60.8
10:40:29 AM	57	60.2
10:40:39 AM	56	57.2
10:40:49 AM	55.3	55.7
10:40:59 AM	54.4	55.2
10:41:09 AM	62.8	67.8
10:41:19 AM	70.3	75.3
10:41:29 AM	53.2	56.7
10:41:39 AM	58.1	60.9
10:41:49 AM	61.1	63.9
10:41:59 AM	59.9	61.9
10:42:09 AM	58.3	59.7
10:42:19 AM	58.4	60
10:42:29 AM	54.4	58.2
10:42:39 AM	57.4	59
10:42:49 AM	56.3	57.6
10:42:59 AM	59.1	60.8
10:43:09 AM	59.8	60.7
10:43:19 AM	60.3	62.1
10:43:29 AM	58.8	63.6
10:43:39 AM	58.4	62.4
10:43:49 AM	60.3	64.7
10:43:59 AM	62.3	64.1
10:44:09 AM	63.6	65.8
10:44:19 AM	64.1	66.9
10:44:29 AM	68	71.5
10:44:39 AM	61.1	62.3
10:44:49 AM	60.2	63
10:44:59 AM	55.6	56.8
10:45:09 AM	53.9	54.9
10:45:19 AM	54	55
10:45:29 AM	65.6	71.8
10:45:39 AM	66.7	68.6
10:45:49 AM	63.5	67.2
10:45:59 AM	60.2	60.9
10:46:09 AM	59.1	61.1
10:46:19 AM	62.5	64.2
10:46:29 AM	69.2	73.9
10:46:39 AM	61.7	65.9

10:46:49 AM	60.4	65.1
10:46:59 AM	58.5	59.2
10:47:09 AM	56.2	58.7
10:47:19 AM	56	57
10:47:29 AM	60.1	65.1
	63.3	

Time	Leq	Lmax
10:30:40 PM	51	51.4
10:30:50 PM	52.3	54
10:31:00 PM	51.2	53.7
10:31:10 PM	54.3	57.6
10:31:20 PM	59.3	61.2
10:31:30 PM	53.2	55.9
10:31:40 PM	52.5	54.7
10:31:50 PM	50	51
10:32:00 PM	51	53.3
10:32:10 PM	51.6	55.5
10:32:20 PM	57.1	58.8
10:32:30 PM	57.8	58.8
10:32:40 PM	51.6	55.8
10:32:50 PM	51.4	54.3
10:33:00 PM	51.7	53.6
10:33:10 PM	49.8	50.6
10:33:20 PM	50.2	50.8
10:33:30 PM	56.8	59.2
10:33:40 PM	57.5	60.1
10:33:50 PM	56.2	60.9
10:34:00 PM	51.5	52.8
10:34:10 PM	50.3	51.9
10:34:20 PM	53.5	55.7
10:34:30 PM	52.6	53.4
10:34:40 PM	53.3	54.4
10:34:50 PM	49.5	51
10:35:00 PM	53	55.2
10:35:10 PM	49.9	52.9
10:35:20 PM	48.6	51.5
10:35:30 PM	49.4	51.6
10:35:40 PM	55.4	58.8
10:35:50 PM	56	58.5
10:36:00 PM	52.3	56.1
10:36:10 PM	50.6	55.3
10:36:20 PM	51.2	53.2
10:36:30 PM	50.9	52.4
10:36:40 PM	50.7	52.4

10:36:50 PM	56.1	58.9
10:37:00 PM	55.7	58
10:37:10 PM	57.2	61
10:37:20 PM	50.4	52
10:37:30 PM	49.9	50.3
10:37:40 PM	50.3	51.4
10:37:50 PM	49.8	51
10:38:00 PM	52.1	55.2
10:38:10 PM	54.6	57.7
10:38:20 PM	63.9	67
10:38:30 PM	55.1	61.8
10:38:40 PM	49.1	49.5
10:38:50 PM	49.6	50.3
10:39:00 PM	55.5	61.4
10:39:10 PM	56	57.9
10:39:20 PM	57.9	59.5
10:39:30 PM	56.8	60.1
10:39:40 PM	51.4	52.5
10:39:50 PM	55.2	58.5
10:40:00 PM	58.8	61
10:40:10 PM	53.5	56.6
10:40:20 PM	55.4	57.4
10:40:30 PM	57.8	61.3
10:40:40 PM	58.3	61.7
10:40:50 PM	62.8	66.7
10:41:00 PM	57.3	62.5
10:41:10 PM	55.5	62.4
10:41:20 PM	50.3	53.5
10:41:30 PM	64.6	69
10:41:40 PM	59.4	62.4
10:41:50 PM	57.4	59.4
10:42:00 PM	60.5	63
10:42:10 PM	57.4	60.3
10:42:20 PM	52.5	56.3
10:42:30 PM	52.9	55.1
10:42:40 PM	60.6	63.5
10:42:50 PM	51.6	54.9
10:43:00 PM	51	52.3
10:43:10 PM	52.1	53.3
10:43:20 PM	52.1	53.1
10:43:30 PM	51.9	53.4
10:43:40 PM	60.7	65.8
10:43:50 PM	75.8	79.6
10:44:00 PM	62.8	70.8
10:44:10 PM	51.2	53.1

10:44:20 PM	49.9	51.2
10:44:30 PM	49.9	50.6
10:44:40 PM	51.1	54.4
10:44:50 PM	53.6	59.1
10:45:00 PM	59.8	60.7
10:45:10 PM	57.6	59.5
10:45:20 PM	52.4	53.9
10:45:30 PM	49.5	50.1
	59.1	

AES
Acoustical Engineering Services

Project: 1520 Cahuenga Project
Location: R4
Date: 2/25/2021

Time	Leq	Lmax
10:52:18 AM	66.3	68.5
10:52:28 AM	55	59.2
10:52:38 AM	64.9	66.3
10:52:48 AM	67.6	72.3
10:52:58 AM	75.2	79
10:53:08 AM	67.4	68.8
10:53:18 AM	65.9	68.4
10:53:28 AM	68.3	70.1
10:53:38 AM	65.8	68.1
10:53:48 AM	55.9	60.1
10:53:58 AM	61.4	67.9
10:54:08 AM	68.1	69.1
10:54:18 AM	59.9	64.7
10:54:28 AM	55.7	58.1
10:54:38 AM	53.8	55.2
10:54:48 AM	64.7	69.9
10:54:58 AM	64.3	67.8
10:55:08 AM	67.4	70.2
10:55:18 AM	65.5	68.1
10:55:28 AM	60.9	63.4
10:55:38 AM	63.6	67.8
10:55:48 AM	66.7	70.3
10:55:58 AM	51.9	56.6
10:56:08 AM	51.5	52.6
10:56:18 AM	58.2	66.9
10:56:28 AM	69.4	73.4
10:56:38 AM	65.3	68.3
10:56:48 AM	58	63.5
10:56:58 AM	54.9	57.8
10:57:08 AM	61.7	62.8
10:57:18 AM	71	72.9
10:57:28 AM	68.5	71.8
10:57:38 AM	69.7	72
10:57:48 AM	72.7	76.1
10:57:58 AM	71.8	75.8
10:58:08 AM	67	69.2
10:58:18 AM	61	64.5
10:58:28 AM	64.7	70.2
10:58:38 AM	67.6	71.5
10:58:48 AM	55.7	59.5

10:58:58 AM	55.6	60.2
10:59:08 AM	53.7	56.7
10:59:18 AM	67.6	69.7
10:59:28 AM	65.9	68.6
10:59:38 AM	71.4	75.7
10:59:48 AM	69.7	73.3
10:59:58 AM	70.7	74.4
11:00:08 AM	69.2	74.5
11:00:18 AM	61.2	68.3
11:00:28 AM	56.2	58.9
11:00:38 AM	60.7	64.3
11:00:48 AM	60	65.2
11:00:58 AM	59.2	65.2
11:01:08 AM	55.7	58.1
11:01:18 AM	58.4	61.1
11:01:28 AM	68.3	70.8
11:01:38 AM	75.4	80.2
11:01:48 AM	69.4	72.5
11:01:58 AM	69.5	72.2
11:02:08 AM	71.6	72.9
11:02:18 AM	71.3	73.2
11:02:28 AM	64.1	68.5
11:02:38 AM	68	71.6
11:02:48 AM	57.8	65.6
11:02:58 AM	57.3	63.9
11:03:08 AM	61	64.9
11:03:18 AM	59.2	61.2
11:03:28 AM	55.4	58
11:03:38 AM	68.8	70.7
11:03:48 AM	66.5	68.5
11:03:58 AM	59.1	61.1
11:04:08 AM	67.9	70.8
11:04:18 AM	70.6	72.7
11:04:28 AM	67.4	70.4
11:04:38 AM	63.5	67.8
11:04:48 AM	59.3	65.4
11:04:58 AM	60.2	62.9
11:05:08 AM	70.8	75.5
11:05:18 AM	58.5	66.3
11:05:28 AM	53.9	57.7
11:05:38 AM	62.5	65.3
11:05:48 AM	67.1	69.4
11:05:58 AM	66.5	68.8
11:06:08 AM	61.4	66.1
11:06:18 AM	62.7	66.6

11:06:28 AM	69.7	74
11:06:38 AM	68.6	73.4
11:06:48 AM	64.9	68.9
11:06:58 AM	66.1	70.7
11:07:08 AM	65.3	68.8
	67.0	

Time	Leq	Lmax
10:49:37 PM	50.8	53.7
10:49:47 PM	48.2	49
10:49:57 PM	46.7	47.5
10:50:07 PM	58.4	63.6
10:50:17 PM	60.2	65.3
10:50:27 PM	55	58.6
10:50:37 PM	59.7	61.7
10:50:47 PM	65.6	69.5
10:50:57 PM	65	69.4
10:51:07 PM	65.9	68.9
10:51:17 PM	63.8	66.3
10:51:27 PM	54.7	57.1
10:51:37 PM	62.3	69.2
10:51:47 PM	64.1	68.9
10:51:57 PM	56.5	60.1
10:52:07 PM	49.2	50.5
10:52:17 PM	48.7	51
10:52:27 PM	64	69.6
10:52:37 PM	64.3	69
10:52:47 PM	64.7	69.4
10:52:57 PM	62.5	69
10:53:07 PM	51.9	53.9
10:53:17 PM	52.2	54.8
10:53:27 PM	51.7	56.6
10:53:37 PM	50.9	56.8
10:53:47 PM	61	64
10:53:57 PM	52.2	57.9
10:54:07 PM	61.7	65.5
10:54:17 PM	54.6	59.8
10:54:27 PM	65.9	68.9
10:54:37 PM	63.1	67.7
10:54:47 PM	65.3	68.6
10:54:57 PM	51.5	55.1
10:55:07 PM	50.6	53.3
10:55:17 PM	51.3	53.3
10:55:27 PM	51.1	53
10:55:37 PM	49.5	51.1

10:55:47 PM	61.8	70.9
10:55:57 PM	67.2	70.9
10:56:07 PM	62.4	67.4
10:56:17 PM	68.9	72.4
10:56:27 PM	63.1	67.5
10:56:37 PM	59.5	63.4
10:56:47 PM	51.8	54.1
10:56:57 PM	50	52.7
10:57:07 PM	49.8	54.7
10:57:17 PM	57.8	61.2
10:57:27 PM	62.1	69
10:57:37 PM	60	66.9
10:57:47 PM	68.3	71.2
10:57:57 PM	65.4	67.8
10:58:07 PM	61.5	63.6
10:58:17 PM	58.3	61.7
10:58:27 PM	53.1	54
10:58:37 PM	59.2	65.3
10:58:47 PM	63.1	65.6
10:58:57 PM	54	58.5
10:59:07 PM	55	60.6
10:59:17 PM	67.1	70.5
10:59:27 PM	55	58.1
10:59:37 PM	55.8	57.5
10:59:47 PM	62.9	66.7
10:59:57 PM	60.6	64.2
11:00:07 PM	51.8	54.8
11:00:17 PM	53.6	56.5
11:00:27 PM	49.2	49.9
11:00:37 PM	49.8	50.7
11:00:47 PM	64.2	69.1
11:00:57 PM	57.4	65
11:01:07 PM	62	64.1
11:01:17 PM	59.6	62.3
11:01:27 PM	54.2	54.9
11:01:37 PM	54.3	54.9
11:01:47 PM	71.6	76.4
11:01:57 PM	59.1	63.4
11:02:07 PM	55	59.8
11:02:17 PM	58.9	61.8
11:02:27 PM	73.4	78.5
11:02:37 PM	*81.8*	*84.9*
11:02:47 PM	70.2	74.4
11:02:57 PM	65.2	68.7
11:03:07 PM	70	72.3

11:03:17 PM	66.6	69.8
11:03:27 PM	59.8	66.2
11:03:37 PM	53.1	56.3
11:03:47 PM	61.6	63.5
11:03:57 PM	55	60.9
11:04:07 PM	56.9	59.7
11:04:17 PM	60.2	66.4
11:04:27 PM	60.3	66.1
	62.9	

AES
Acoustical Engineering Services

Project: 1520 Cahuenga Project
Location: R5
Date: 2/25/2021

Time	Leq	Lmax
9:55:04 AM	56.2	63.3
9:55:14 AM	61.3	66
9:55:24 AM	55.2	58.2
9:55:34 AM	56.6	58.8
9:55:44 AM	54.5	58.1
9:55:54 AM	53.5	56.4
9:56:04 AM	53.4	57.9
9:56:14 AM	59.4	62.9
9:56:24 AM	62	65.7
9:56:34 AM	71.2	74.5
9:56:44 AM	64.4	68.2
9:56:54 AM	67.1	72.3
9:57:04 AM	59.9	67.5
9:57:14 AM	56.1	58.7
9:57:24 AM	56.3	57.7
9:57:34 AM	55	56.7
9:57:44 AM	60.4	65.3
9:57:54 AM	58.9	62.1
9:58:04 AM	58.9	62.3
9:58:14 AM	59.3	62
9:58:24 AM	55.8	58.6
9:58:34 AM	52.6	53.9
9:58:44 AM	57.3	65.7
9:58:54 AM	65.9	71
9:59:04 AM	61.7	66.6
9:59:14 AM	63.3	69
9:59:24 AM	57.8	59.9
9:59:34 AM	55.4	57.4
9:59:44 AM	56.2	60.3
9:59:54 AM	63.9	71.9
10:00:04 AM	75.7	80.2
10:00:14 AM	61.4	65.1
10:00:24 AM	63.9	69
10:00:34 AM	53.3	55.4
10:00:44 AM	53	53.6
10:00:54 AM	52.8	53.1
10:01:04 AM	55.4	61.1
10:01:14 AM	63.3	66.9
10:01:24 AM	58.6	61.6
10:01:34 AM	72.8	76.4

10:01:44 AM	66.7	73
10:01:54 AM	56.2	61.3
10:02:04 AM	56.5	58.7
10:02:14 AM	55.4	57.6
10:02:24 AM	68.1	76
10:02:34 AM	79.1	83.5
10:02:44 AM	63.6	68.7
10:02:54 AM	58.9	62
10:03:04 AM	59	60.2
10:03:14 AM	65.5	70.4
10:03:24 AM	65.7	68
10:03:34 AM	59.9	61
10:03:44 AM	59.5	61.7
10:03:54 AM	59.7	63.9
10:04:04 AM	55.3	57.4
10:04:14 AM	56.7	59.2
10:04:24 AM	61.8	69.2
10:04:34 AM	53.2	58.3
10:04:44 AM	56.4	60.5
10:04:54 AM	57.4	60.7
10:05:04 AM	59.2	61.7
10:05:14 AM	58.1	60
10:05:24 AM	65.2	70.8
10:05:34 AM	71.7	74.7
10:05:44 AM	72.1	76.6
10:05:54 AM	68.6	73.7
10:06:04 AM	66.4	70.6
10:06:14 AM	64.3	67.5
10:06:24 AM	66.8	68.8
10:06:34 AM	66.5	67.7
10:06:44 AM	65.4	66.2
10:06:54 AM	66.2	67.3
10:07:04 AM	65.6	66.2
10:07:14 AM	62.8	66.1
10:07:24 AM	57.7	60.8
10:07:34 AM	53.3	55.8
10:07:44 AM	53.4	55.4
10:07:54 AM	56.2	58.9
10:08:04 AM	58	62.4
10:08:14 AM	53.1	57.1
10:08:24 AM	55.3	57.3
10:08:34 AM	54.2	56.9
10:08:44 AM	58.2	60.9
10:08:54 AM	72.4	79.7
10:09:04 AM	75	79.8

10:09:14 AM	59.6	63.3
10:09:24 AM	61.1	64.1
10:09:34 AM	61.2	64.4
10:09:44 AM	60.5	62.8
10:09:54 AM	60.6	63.5
	65.9	

Time	Leq	Lmax
11:34:01 AM	55.5	60.6
11:34:11 AM	51.7	56.7
11:34:21 AM	54.4	59.1
11:34:31 AM	47.9	48.7
11:34:41 AM	46.7	47.9
11:34:51 AM	46.7	47.7
11:35:01 AM	46.3	46.5
11:35:11 AM	46.7	47.4
11:35:21 AM	46.3	46.7
11:35:31 AM	46.9	47.8
11:35:41 AM	46.2	46.9
11:35:51 AM	46.4	46.7
11:36:01 AM	46	46.5
11:36:11 AM	46.7	48.3
11:36:21 AM	46.5	47
11:36:31 AM	46.3	46.8
11:36:41 AM	53.2	57.9
11:36:51 AM	56.6	59.8
11:37:01 AM	48.6	54.5
11:37:11 AM	49.7	52.2
11:37:21 AM	51	52.3
11:37:31 AM	48.2	51.7
11:37:41 AM	47.1	47.4
11:37:51 AM	50.7	55
11:38:01 AM	50.9	53.8
11:38:11 AM	50.8	53.5
11:38:21 AM	48.9	52
11:38:31 AM	46.8	48.6
11:38:41 AM	54	58.2
11:38:51 AM	51.7	57.7
11:39:01 AM	53.2	56.7
11:39:11 AM	51	55.8
11:39:21 AM	57.8	59.8
11:39:31 AM	54.1	59.6
11:39:41 AM	51	54.2
11:39:51 AM	50	53.8
11:40:01 AM	48.9	50.7

11:40:11 AM	58.7	62.3
11:40:21 AM	55.3	57.6
11:40:31 AM	52.4	54.8
11:40:41 AM	49.6	53.1
11:40:51 AM	51.1	54.6
11:41:01 AM	48.6	49.8
11:41:11 AM	48.7	49.3
11:41:21 AM	48.8	54.9
11:41:31 AM	56.6	60
11:41:41 AM	48.6	53.3
11:41:51 AM	60.7	65.6
11:42:01 AM	52.8	56.1
11:42:11 AM	50.8	55.2
11:42:21 AM	46.7	47.6
11:42:31 AM	46.7	47.4
11:42:41 AM	46.6	47.4
11:42:51 AM	51.7	57.8
11:43:01 AM	54.2	57.3
11:43:11 AM	49.9	52.9
11:43:21 AM	50.9	54.2
11:43:31 AM	47.4	48.2
11:43:41 AM	48	49.5
11:43:51 AM	55.3	59
11:44:01 AM	50.9	53.3
11:44:11 AM	49.2	51.3
11:44:21 AM	51.4	56
11:44:31 AM	52.4	56.8
11:44:41 AM	48.2	49.2
11:44:51 AM	48.1	48.7
11:45:01 AM	50.6	53.4
11:45:11 AM	57	60.3
11:45:21 AM	54	59.1
11:45:31 AM	53.8	58.4
11:45:41 AM	49.5	52
11:45:51 AM	51.8	55.6
11:46:01 AM	48.7	50.1
11:46:11 AM	47.8	49.6
11:46:21 AM	49.1	50.3
11:46:31 AM	47.8	50.2
11:46:41 AM	47.5	48.1
11:46:51 AM	50.2	53.3
11:47:01 AM	51.6	55.8
11:47:11 AM	56.1	58.5
11:47:21 AM	52.6	56.5
11:47:31 AM	50.1	54

11:47:41 AM	52	58
11:47:51 AM	51.7	55.2
11:48:01 AM	49.9	52.5
11:48:11 AM	55.4	62.1
11:48:21 AM	50.1	54
11:48:31 AM	50	53.3
11:48:41 AM	54	57.3
11:48:51 AM	51.7	53.7
	52.1	

AES
Acoustical Engineering Services

Project: 1520 Cahuenga Project
Location: R6
Date: 2/25/2021

Time	Leq	Lmax
9:55:04 AM	52.9	54.2
9:55:14 AM	62.2	72.8
9:55:24 AM	69.2	74.6
9:55:34 AM	54.7	55.7
9:55:44 AM	55	59.2
9:55:54 AM	55.3	58.6
9:56:04 AM	55	58.7
9:56:14 AM	61.8	65.1
9:56:24 AM	56	58.1
9:56:34 AM	53.7	55.2
9:56:44 AM	60.3	66.1
9:56:54 AM	58.1	62.4
9:57:04 AM	56.1	61.5
9:57:14 AM	56	59.2
9:57:24 AM	53.5	57
9:57:34 AM	56.9	61.6
9:57:44 AM	58.5	61.7
9:57:54 AM	57.8	62.7
9:58:04 AM	60.4	62.7
9:58:14 AM	58.8	62.3
9:58:24 AM	63.8	69
9:58:34 AM	67.8	70
9:58:44 AM	67.5	71.4
9:58:54 AM	60.5	65.5
9:59:04 AM	54.7	57.8
9:59:14 AM	65.3	67.7
9:59:24 AM	60.3	66.8
9:59:34 AM	52.6	54.7
9:59:44 AM	53.3	56
9:59:54 AM	57.3	61
10:00:04 AM	56.7	59.5
10:00:14 AM	56.5	58.3
10:00:24 AM	53.7	55
10:00:34 AM	56.3	59.6
10:00:44 AM	57.4	61.6
10:00:54 AM	57.3	60.6
10:01:04 AM	56.9	58.8
10:01:14 AM	56	58.7
10:01:24 AM	56.5	58.3
10:01:34 AM	55.8	57.3

10:01:44 AM	56.1	57.6
10:01:54 AM	56.3	58.6
10:02:04 AM	56	57.8
10:02:14 AM	56.8	58.5
10:02:24 AM	69.8	80.1
10:02:34 AM	65.9	75.4
10:02:44 AM	55.4	56.7
10:02:54 AM	65.2	72.3
10:03:04 AM	67.1	73.2
10:03:14 AM	54.2	56.1
10:03:24 AM	54.1	55.7
10:03:34 AM	53	54.1
10:03:44 AM	53	54.1
10:03:54 AM	55.5	57.5
10:04:04 AM	53.7	54.7
10:04:14 AM	52.6	53.4
10:04:24 AM	53	54.1
10:04:34 AM	54.9	60.3
10:04:44 AM	65.6	70.2
10:04:54 AM	54.6	57.6
10:05:04 AM	54.4	56.1
10:05:14 AM	54.5	55.7
10:05:24 AM	66.1	71.3
10:05:34 AM	56.3	62.6
10:05:44 AM	53.1	53.6
10:05:54 AM	52.7	53.1
10:06:04 AM	53.3	53.9
10:06:14 AM	54.3	56.9
10:06:24 AM	54.7	57.3
10:06:34 AM	55.2	60.3
10:06:44 AM	68.3	73.9
10:06:54 AM	53.7	56.9
10:07:04 AM	52.9	53.9
10:07:14 AM	52.3	54.2
10:07:24 AM	55.6	59.8
10:07:34 AM	53.1	55.5
10:07:44 AM	71.9	78.2
10:07:54 AM	65	73.4
10:08:04 AM	51.3	52
10:08:14 AM	52	52.7
10:08:24 AM	52.7	53.2
10:08:34 AM	52.4	53.2
10:08:44 AM	52.2	53.1
10:08:54 AM	52.4	53.5
10:09:04 AM	53.7	58.1

10:09:14 AM	52.7	53.6
10:09:24 AM	52.2	53
10:09:34 AM	52.8	54
10:09:44 AM	53.1	54.1
10:09:54 AM	52.4	53.5
	60.9	

Time	Leq	Lmax
11:34:01 AM	62.6	68
11:34:11 AM	49.3	51.8
11:34:21 AM	49.4	50.8
11:34:31 AM	49.5	51.3
11:34:41 AM	54.9	63.7
11:34:51 AM	54.1	62
11:35:01 AM	47	47.3
11:35:11 AM	47.2	47.6
11:35:21 AM	48.4	51.5
11:35:31 AM	48.5	51.2
11:35:41 AM	47.1	47.6
11:35:51 AM	48.1	51
11:36:01 AM	48.9	52.9
11:36:11 AM	47.9	49.5
11:36:21 AM	49.2	50.4
11:36:31 AM	48	48.4
11:36:41 AM	48	48.5
11:36:51 AM	48.2	49.5
11:37:01 AM	48.6	49.3
11:37:11 AM	48.1	48.6
11:37:21 AM	50.6	53.9
11:37:31 AM	47.6	49.6
11:37:41 AM	47.1	47.8
11:37:51 AM	47.2	47.8
11:38:01 AM	47.9	48.5
11:38:11 AM	47.8	48.7
11:38:21 AM	47.4	47.7
11:38:31 AM	48.4	50.2
11:38:41 AM	49.4	50.4
11:38:51 AM	48.3	49.4
11:39:01 AM	48.2	48.7
11:39:11 AM	48.3	49.3
11:39:21 AM	48.1	48.5
11:39:31 AM	48.9	50.3
11:39:41 AM	48.4	49.8
11:39:51 AM	48.3	49.4
11:40:01 AM	48.5	49.4

11:40:11 AM	53.6	59.9
11:40:21 AM	49.8	52.3
11:40:31 AM	48.6	49.7
11:40:41 AM	48.6	50.3
11:40:51 AM	48.6	51.7
11:41:01 AM	47.7	48.8
11:41:11 AM	47.6	48.3
11:41:21 AM	49.3	52.8
11:41:31 AM	47.6	48
11:41:41 AM	48.6	50.6
11:41:51 AM	48.7	50.8
11:42:01 AM	49.3	51.3
11:42:11 AM	50.7	52.9
11:42:21 AM	50	52.7
11:42:31 AM	48.8	49.4
11:42:41 AM	49.3	51.2
11:42:51 AM	54.4	57
11:43:01 AM	56.5	58.7
11:43:11 AM	66.6	69.6
11:43:21 AM	62.1	65.7
11:43:31 AM	57.1	60.5
11:43:41 AM	55.7	59.2
11:43:51 AM	51.4	53.8
11:44:01 AM	52.9	55.4
11:44:11 AM	51.2	52.6
11:44:21 AM	51.1	52.3
11:44:31 AM	50.9	52.8
11:44:41 AM	50.7	52.1
11:44:51 AM	53.1	56.6
11:45:01 AM	47.9	49.2
11:45:11 AM	49.9	50.8
11:45:21 AM	48.3	49.4
11:45:31 AM	51.4	58.1
11:45:41 AM	53.7	58
11:45:51 AM	52.2	54.2
11:46:01 AM	49.6	50.5
11:46:11 AM	50.1	52.7
11:46:21 AM	48.7	51.1
11:46:31 AM	48.2	48.6
11:46:41 AM	48.4	49.3
11:46:51 AM	48.4	48.7
11:47:01 AM	47.6	48.6
11:47:11 AM	49.1	52.3
11:47:21 AM	50.8	51.8
11:47:31 AM	49.2	50.9

11:47:41 AM	48.6	49.5
11:47:51 AM	49.1	49.8
11:48:01 AM	48.8	49.2
11:48:11 AM	48.5	50.3
11:48:21 AM	49.1	51.7
11:48:31 AM	50.4	54
11:48:41 AM	48.5	49.8
11:48:51 AM	48.2	49.4
	52.8	

AES
Acoustical Engineering Services

Project: 1520 Cahuenga Project
Location: R7
Date: 2/25/2021

Time	Leq	Lmax
9:55:04 AM	56.7	60.5
9:55:14 AM	60.3	65.7
9:55:24 AM	58.7	62.5
9:55:34 AM	61.4	64.6
9:55:44 AM	56.6	57.2
9:55:54 AM	56.8	58.2
9:56:04 AM	53.2	54.5
9:56:14 AM	53.7	54.3
9:56:24 AM	54.7	56
9:56:34 AM	56.5	60.6
9:56:44 AM	60.4	63.3
9:56:54 AM	58.9	61.3
9:57:04 AM	58.8	61
9:57:14 AM	63.5	68.2
9:57:24 AM	57.7	59.5
9:57:34 AM	55	57.9
9:57:44 AM	52.9	53.3
9:57:54 AM	59.9	65.5
9:58:04 AM	60.9	64.5
9:58:14 AM	56.5	58.1
9:58:24 AM	52.6	54.2
9:58:34 AM	52.7	53.4
9:58:44 AM	57.2	59.7
9:58:54 AM	58.5	62.7
9:59:04 AM	61.3	63.5
9:59:14 AM	62.5	65.1
9:59:24 AM	61.2	65.7
9:59:34 AM	58	59.3
9:59:44 AM	55.2	56.6
9:59:54 AM	55.2	56.6
10:00:04 AM	56.2	60
10:00:14 AM	66.5	70.6
10:00:24 AM	63.9	67.2
10:00:34 AM	58.1	65
10:00:44 AM	57.7	60.1
10:00:54 AM	55.1	58.1
10:01:04 AM	61.5	66.1
10:01:14 AM	57.7	64.6
10:01:24 AM	56.3	60.2
10:01:34 AM	57.9	60.3

10:01:44 AM	56.8	58.5
10:01:54 AM	59.9	62.4
10:02:04 AM	58.2	60.9
10:02:14 AM	59.7	62.5
10:02:24 AM	62.3	63.8
10:02:34 AM	57.4	61.2
10:02:44 AM	66.1	71.5
10:02:54 AM	59.6	62.2
10:03:04 AM	56.5	58.4
10:03:14 AM	54.5	56.9
10:03:24 AM	57.3	63.4
10:03:34 AM	54.5	56
10:03:44 AM	55.9	59.3
10:03:54 AM	59.3	61
10:04:04 AM	59.7	61.6
10:04:14 AM	59.8	63.5
10:04:24 AM	61.9	65.5
10:04:34 AM	55.3	57.4
10:04:44 AM	53.9	55.6
10:04:54 AM	56.6	59.5
10:05:04 AM	57.3	59.9
10:05:14 AM	55.7	58.7
10:05:24 AM	58	60.3
10:05:34 AM	54.8	57.9
10:05:44 AM	54.1	58.3
10:05:54 AM	53.7	55.7
10:06:04 AM	60.2	65.5
10:06:14 AM	56.1	59.8
10:06:24 AM	66.7	73.5
10:06:34 AM	65.9	73
10:06:44 AM	57.2	60.8
10:06:54 AM	58.1	61.3
10:07:04 AM	61.9	67
10:07:14 AM	65.2	70.6
10:07:24 AM	62.2	65.8
10:07:34 AM	62.1	65.4
10:07:44 AM	59	62.3
10:07:54 AM	54	55.8
10:08:04 AM	52.6	54.6
10:08:14 AM	55.8	58.9
10:08:24 AM	61.3	64.6
10:08:34 AM	59	64.4
10:08:44 AM	56.9	62.9
10:08:54 AM	61.9	68.2
10:09:04 AM	57.1	61.9

10:09:14 AM	55.5	57.3
10:09:24 AM	58.3	61.5
10:09:34 AM	64.3	68
10:09:44 AM	59.8	65
10:09:54 AM	55	56
	59.7	

Time	Leq	Lmax
11:34:01 AM	51	52.7
11:34:11 AM	51.3	52.4
11:34:21 AM	56.1	59
11:34:31 AM	48.4	51
11:34:41 AM	47.5	49.4
11:34:51 AM	46.5	47
11:35:01 AM	46.7	47.2
11:35:11 AM	46.5	47.1
11:35:21 AM	50.2	53.2
11:35:31 AM	48.4	48.9
11:35:41 AM	49.8	52.2
11:35:51 AM	60.6	63.9
11:36:01 AM	50.2	54.6
11:36:11 AM	51.6	58
11:36:21 AM	56.1	60.1
11:36:31 AM	47.1	48.7
11:36:41 AM	46.3	47
11:36:51 AM	46.2	48.2
11:37:01 AM	48.6	52.1
11:37:11 AM	50.2	56.3
11:37:21 AM	47.1	48
11:37:31 AM	51.2	54
11:37:41 AM	62.2	67.1
11:37:51 AM	57.5	65.9
11:38:01 AM	48.4	50
11:38:11 AM	51.2	53.9
11:38:21 AM	55.1	60
11:38:31 AM	52.2	58.1
11:38:41 AM	52	53.7
11:38:51 AM	47	48.5
11:39:01 AM	48.2	50.4
11:39:11 AM	48.2	50.6
11:39:21 AM	47.7	48.1
11:39:31 AM	49.2	51.8
11:39:41 AM	52.2	53.3
11:39:51 AM	49.1	52.5
11:40:01 AM	47.6	49.1

11:40:11 AM	49.2	51.4
11:40:21 AM	48.9	51.1
11:40:31 AM	47.7	49.3
11:40:41 AM	51	52.6
11:40:51 AM	52.4	53.6
11:41:01 AM	61.4	65.1
11:41:11 AM	64.7	66.8
11:41:21 AM	59.7	64.6
11:41:31 AM	56.2	59.9
11:41:41 AM	49.3	53
11:41:51 AM	47.3	48.6
11:42:01 AM	47.7	48.7
11:42:11 AM	48.4	51
11:42:21 AM	49.1	50.8
11:42:31 AM	51.4	55.2
11:42:41 AM	49.2	54.1
11:42:51 AM	47.4	48.6
11:43:01 AM	47.2	48.5
11:43:11 AM	48.3	49.3
11:43:21 AM	47.1	48
11:43:31 AM	47.4	48.4
11:43:41 AM	48.1	49.6
11:43:51 AM	49.6	52
11:44:01 AM	48.9	50.4
11:44:11 AM	47.5	49.8
11:44:21 AM	46.1	46.6
11:44:31 AM	47.3	48.7
11:44:41 AM	51.7	57.6
11:44:51 AM	58.3	62.7
11:45:01 AM	60.6	65.3
11:45:11 AM	51.7	57.7
11:45:21 AM	55.3	59
11:45:31 AM	51.1	57.2
11:45:41 AM	49.4	51.5
11:45:51 AM	50.6	52.7
11:46:01 AM	52	53.4
11:46:11 AM	48.6	50.7
11:46:21 AM	49.5	51.6
11:46:31 AM	48	48.5
11:46:41 AM	47.5	48.3
11:46:51 AM	48	49.5
11:47:01 AM	47.2	47.5
11:47:11 AM	47.6	48.3
11:47:21 AM	47.8	49.4
11:47:31 AM	46.7	47.5

11:47:41 AM	47.1	49.3
11:47:51 AM	47.6	49.2
11:48:01 AM	47.1	47.6
11:48:11 AM	46.5	47.2
11:48:21 AM	47.3	48.4
11:48:31 AM	48.5	49.8
11:48:41 AM	49.8	50.4
11:48:51 AM	49.8	51.5
	53.2	

Construction Noise & Vibration Calculations

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Demolition***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	120	0
Excavator	1	81	40%	120	0
Crane (mobile)	1	81	16%	140	0
Tractor/Loader/Backhoe	1	84	40%	140	0
Air Compressor	1	78	40%	160	0
Water Truck	1	82	10%	160	0

6

Receptor: ***R1***

Results:

1-hour Leq: **78.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Grading/Excavation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	120	0
Bore/Drill Rig	1	84	20%	120	0
Cement and Mortar Mixer	1	80	50%	140	0
Excavator	1	81	40%	140	0
Crane (mobile)	1	81	16%	160	0
Generator Set	1	81	50%	160	0
Water Truck	1	82	10%	180	0
Pump	1	81	50%	180	0
Rough Terrain Forklift	1	83	40%	200	0
Air Compressor	1	78	40%	200	0
Rubber Tired Loader	1	79	40%	220	0
Signal Boards	1	73	50%	220	0
Skid Steer Loaders	1	79	40%	220	0
Welders	1	74	40%	220	0
Bore/Drill Rig	1	84	20%	220	0
Excavator	1	81	40%	240	0
Bore/Drill Rig	1	84	20%	240	0
	17				

Receptor: ***R1***

Results:

1-hour Leq: **79.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Mat Foundation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	120	0
Air Compressor	1	78	40%	120	0
Crane (tower)	1	81	16%	140	0
Crane (mobile)	1	81	16%	140	0
Forklift	1	75	20%	160	0
Generator Set	1	81	50%	160	0
Water Truck	1	82	10%	180	0
Pump	1	81	50%	180	0
Signal Boards	1	73	50%	200	0
Crane (mobile)	1	81	16%	200	0
Pump	1	81	50%	220	0
Crane (mobile)	1	81	16%	220	0
Pump	1	81	50%	220	0
Pump	1	81	50%	220	0
	14				

Receptor: ***R1***

Results:

1-hour Leq: 78.4

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Building Construction***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	120	0
Cement and Mortar Mixer	1	80	50%	120	0
Air Compressor	1	78	40%	145	0
Aerial Lift	1	75	20%	145	0
Crane (tower)	1	81	16%	170	0
Crane (mobile)	1	81	16%	170	0
Skid Steer Loaders	1	79	40%	195	0
Signal Boards	1	73	50%	195	0
Pump	1	81	50%	220	0
Generator Set	1	81	50%	220	0
Fork Lift	1	75	20%	245	0
Welders	4	74	40%	245	0
Air Compressor	1	78	40%	245	0
Aerial Lift	3	75	20%	245	0
Crane (tower)	1	81	16%	245	0
Crane (mobile)	1	81	16%	270	0
Concrete Saw	1	90	20%	270	0
Fork Lift	3	75	20%	270	0
	25				

Receptor: ***R1***

Results:

1-hour Leq: 78.6

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: Paving

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	120	0
Cement and Mortar Mixer	1	80	50%	120	0
Air Compressor	1	78	40%	140	0
Aerial Lift	1	75	20%	140	0
Crane (mobile)	1	81	16%	160	0
Skid Steer Loaders	1	79	40%	160	0
Signal Boards	1	73	50%	180	0
Water Truck	1	82	10%	180	0
Generator Set	1	81	50%	200	0
Fork Lift	1	75	20%	200	0
Welders	1	74	40%	220	0
Paving Equipment	1	77	50%	220	0
Plate Compactor	1	83	20%	220	0
Tractor/Loader/Backhoes	1	79	40%	220	0
Air Compressor	1	78	40%	220	0
Aerial Lift	1	75	20%	240	0
Aerial Lift	1	75	20%	240	0
	17				

Receptor: ***R1***

Results:

1-hour Leq: 78.2

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Demolition***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	150	0
Excavator	1	81	40%	150	0
Crane (mobile)	1	81	16%	170	0
Tractor/Loader/Backhoe	1	84	40%	170	0
Air Compressor	1	78	40%	190	0
Water Truck	1	82	10%	190	0

6

Receptor: ***R2***

Results:

1-hour Leq: **76.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Grading/Excavation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	150	0
Bore/Drill Rig	1	84	20%	150	0
Cement and Mortar Mixer	1	80	50%	170	0
Excavator	1	81	40%	170	0
Crane (mobile)	1	81	16%	190	0
Generator Set	1	81	50%	190	0
Water Truck	1	82	10%	210	0
Pump	1	81	50%	210	0
Rough Terrain Forklift	1	83	40%	230	0
Air Compressor	1	78	40%	230	0
Rubber Tired Loader	1	79	40%	250	0
Signal Boards	1	73	50%	250	0
Skid Steer Loaders	1	79	40%	250	0
Welders	1	74	40%	250	0
Bore/Drill Rig	1	84	20%	250	0
Excavator	1	81	40%	270	0
Bore/Drill Rig	1	84	20%	270	0
	17				

Receptor: ***R2***

Results:

1-hour Leq: **77.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Mat Foundation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	150	0
Air Compressor	1	78	40%	150	0
Crane (tower)	1	81	16%	170	0
Crane (mobile)	1	81	16%	170	0
Forklift	1	75	20%	190	0
Generator Set	1	81	50%	190	0
Water Truck	1	82	10%	210	0
Pump	1	81	50%	210	0
Signal Boards	1	73	50%	230	0
Crane (mobile)	1	81	16%	230	0
Pump	1	81	50%	250	0
Crane (mobile)	1	81	16%	250	0
Pump	1	81	50%	250	0
Pump	1	81	50%	250	0

14

Receptor: ***R2***

Results:

1-hour Leq: **76.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Building Construction***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	150	0
Cement and Mortar Mixer	1	80	50%	150	0
Air Compressor	1	78	40%	170	0
Aerial Lift	1	75	20%	170	0
Crane (tower)	1	81	16%	190	0
Crane (mobile)	1	81	16%	190	0
Skid Steer Loaders	1	79	40%	210	0
Signal Boards	1	73	50%	210	0
Pump	1	81	50%	230	0
Generator Set	1	81	50%	230	0
Fork Lift	1	75	20%	250	0
Welders	4	74	40%	250	0
Air Compressor	1	78	40%	250	0
Aerial Lift	3	75	20%	250	0
Crane (tower)	1	81	16%	250	0
Crane (mobile)	1	81	16%	270	0
Concrete Saw	1	90	20%	270	0
Fork Lift	3	75	20%	270	0
	25				

Receptor: ***R2***

Results:

1-hour Leq: **77.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: Paving

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	150	0
Cement and Mortar Mixer	1	80	50%	150	0
Air Compressor	1	78	40%	170	0
Aerial Lift	1	75	20%	170	0
Crane (mobile)	1	81	16%	190	0
Skid Steer Loaders	1	79	40%	190	0
Signal Boards	1	73	50%	210	0
Water Truck	1	82	10%	210	0
Generator Set	1	81	50%	230	0
Fork Lift	1	75	20%	230	0
Welders	1	74	40%	250	0
Paving Equipment	1	77	50%	250	0
Plate Compactor	1	83	20%	250	0
Tractor/Loader/Backhoes	1	79	40%	250	0
Air Compressor	1	78	40%	250	0
Aerial Lift	1	75	20%	270	0
Aerial Lift	1	75	20%	270	0
	17				

Receptor: ***R2***

Results:

1-hour Leq: 76.5

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Demolition***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	215	10
Excavator	1	81	40%	215	10
Crane (mobile)	1	81	16%	235	10
Tractor/Loader/Backhoe	1	84	40%	235	10
Air Compressor	1	78	40%	255	10
Water Truck	1	82	10%	255	10

6

Receptor: ***R3***

Results:

1-hour Leq: 63.1

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Grading/Excavation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	215	10
Bore/Drill Rig	1	84	20%	215	10
Cement and Mortar Mixer	1	80	50%	235	10
Excavator	1	81	40%	235	10
Crane (mobile)	1	81	16%	255	10
Generator Set	1	81	50%	255	10
Water Truck	1	82	10%	275	10
Pump	1	81	50%	275	10
Rough Terrain Forklift	1	83	40%	295	10
Air Compressor	1	78	40%	295	10
Rubber Tired Loader	1	79	40%	315	10
Signal Boards	1	73	50%	315	10
Skid Steer Loaders	1	79	40%	315	10
Welders	1	74	40%	315	10
Bore/Drill Rig	1	84	20%	315	10
Excavator	1	81	40%	335	10
Bore/Drill Rig	1	84	20%	335	10
	17				

Receptor: ***R3***

Results:

1-hour Leq: **65.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Mat Foundation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	215	10
Air Compressor	1	78	40%	215	10
Crane (tower)	1	81	16%	235	10
Crane (mobile)	1	81	16%	235	10
Forklift	1	75	20%	255	10
Generator Set	1	81	50%	255	10
Water Truck	1	82	10%	275	10
Pump	1	81	50%	275	10
Signal Boards	1	73	50%	295	10
Crane (mobile)	1	81	16%	295	10
Pump	1	81	50%	315	10
Crane (mobile)	1	81	16%	315	10
Pump	1	81	50%	315	10
Pump	1	81	50%	315	10
	14				

Receptor: ***R3***

Results:

1-hour Leq: **64.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Building Construction***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	215	10
Cement and Mortar Mixer	1	80	50%	215	10
Air Compressor	1	78	40%	235	10
Aerial Lift	1	75	20%	235	10
Crane (tower)	1	81	16%	255	10
Crane (mobile)	1	81	16%	255	10
Skid Steer Loaders	1	79	40%	275	10
Signal Boards	1	73	50%	275	10
Pump	1	81	50%	295	10
Generator Set	1	81	50%	295	10
Fork Lift	1	75	20%	315	10
Welders	4	74	40%	315	10
Air Compressor	1	78	40%	315	10
Aerial Lift	3	75	20%	315	10
Crane (tower)	1	81	16%	315	10
Crane (mobile)	1	81	16%	335	10
Concrete Saw	1	90	20%	335	10
Fork Lift	3	75	20%	335	10
	25				

Receptor: ***R3***

Results:

1-hour Leq: **64.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: Paving

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	215	10
Cement and Mortar Mixer	1	80	50%	215	10
Air Compressor	1	78	40%	235	10
Aerial Lift	1	75	20%	235	10
Crane (mobile)	1	81	16%	255	10
Skid Steer Loaders	1	79	40%	255	10
Signal Boards	1	73	50%	275	10
Water Truck	1	82	10%	275	10
Generator Set	1	81	50%	295	10
Fork Lift	1	75	20%	295	10
Welders	1	74	40%	315	10
Paving Equipment	1	77	50%	315	10
Plate Compactor	1	83	20%	315	10
Tractor/Loader/Backhoes	1	79	40%	315	10
Air Compressor	1	78	40%	315	10
Aerial Lift	1	75	20%	335	10
Aerial Lift	1	75	20%	335	10
	17				

Receptor: ***R3***

Results:

1-hour Leq: **63.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Demolition***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	140	10
Excavator	1	81	40%	140	10
Crane (mobile)	1	81	16%	160	10
Tractor/Loader/Backhoe	1	84	40%	160	10
Air Compressor	1	78	40%	180	10
Water Truck	1	82	10%	180	10

6

Receptor: ***R4***

Results:

1-hour Leq: **66.7**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Grading/Excavation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	140	10
Bore/Drill Rig	1	84	20%	140	10
Cement and Mortar Mixer	1	80	50%	160	10
Excavator	1	81	40%	160	10
Crane (mobile)	1	81	16%	180	10
Generator Set	1	81	50%	180	10
Water Truck	1	82	10%	200	10
Pump	1	81	50%	200	10
Rough Terrain Forklift	1	83	40%	220	10
Air Compressor	1	78	40%	220	10
Rubber Tired Loader	1	79	40%	240	10
Signal Boards	1	73	50%	240	10
Skid Steer Loaders	1	79	40%	240	10
Welders	1	74	40%	240	10
Bore/Drill Rig	1	84	20%	240	10
Excavator	1	81	40%	260	10
Bore/Drill Rig	1	84	20%	260	10
	17				

Receptor: ***R4***

Results:

1-hour Leq: **68.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Mat Foundation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	140	10
Air Compressor	1	78	40%	140	10
Crane (tower)	1	81	16%	160	10
Crane (mobile)	1	81	16%	160	10
Forklift	1	75	20%	180	10
Generator Set	1	81	50%	180	10
Water Truck	1	82	10%	200	10
Pump	1	81	50%	200	10
Signal Boards	1	73	50%	220	10
Crane (mobile)	1	81	16%	220	10
Pump	1	81	50%	240	10
Crane (mobile)	1	81	16%	240	10
Pump	1	81	50%	240	10
Pump	1	81	50%	240	10

14

Receptor: ***R4***

Results:

1-hour Leq: 67.3

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Building Construction***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	140	10
Cement and Mortar Mixer	1	80	50%	140	10
Air Compressor	1	78	40%	160	10
Aerial Lift	1	75	20%	160	10
Crane (tower)	1	81	16%	180	10
Crane (mobile)	1	81	16%	180	10
Skid Steer Loaders	1	79	40%	200	10
Signal Boards	1	73	50%	200	10
Pump	1	81	50%	220	10
Generator Set	1	81	50%	220	10
Fork Lift	1	75	20%	240	10
Welders	4	74	40%	240	10
Air Compressor	1	78	40%	240	10
Aerial Lift	3	75	20%	240	10
Crane (tower)	1	81	16%	240	10
Crane (mobile)	1	81	16%	260	10
Concrete Saw	1	90	20%	260	10
Fork Lift	3	75	20%	260	10
	25				

Receptor: ***R4***

Results:

1-hour Leq: **67.8**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: Paving

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	140	10
Cement and Mortar Mixer	1	80	50%	140	10
Air Compressor	1	78	40%	160	10
Aerial Lift	1	75	20%	160	10
Crane (mobile)	1	81	16%	180	10
Skid Steer Loaders	1	79	40%	180	10
Signal Boards	1	73	50%	200	10
Water Truck	1	82	10%	200	10
Generator Set	1	81	50%	220	10
Fork Lift	1	75	20%	220	10
Welders	1	74	40%	240	10
Paving Equipment	1	77	50%	240	10
Plate Compactor	1	83	20%	240	10
Tractor/Loader/Backhoes	1	79	40%	240	10
Air Compressor	1	78	40%	240	10
Aerial Lift	1	75	20%	260	10
Aerial Lift	1	75	20%	260	10
	17				

Receptor: ***R4***

Results:

1-hour Leq: 67.0

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Demolition***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	310	10
Excavator	1	81	40%	310	10
Crane (mobile)	1	81	16%	330	10
Tractor/Loader/Backhoe	1	84	40%	330	10
Air Compressor	1	78	40%	350	10
Water Truck	1	82	10%	350	10

6

Receptor: ***R5***

Results:

1-hour Leq: **60.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Grading/Excavation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	310	10
Bore/Drill Rig	1	84	20%	310	10
Cement and Mortar Mixer	1	80	50%	330	10
Excavator	1	81	40%	330	10
Crane (mobile)	1	81	16%	350	10
Generator Set	1	81	50%	350	10
Water Truck	1	82	10%	370	10
Pump	1	81	50%	370	10
Rough Terrain Forklift	1	83	40%	390	10
Air Compressor	1	78	40%	390	10
Rubber Tired Loader	1	79	40%	410	10
Signal Boards	1	73	50%	410	10
Skid Steer Loaders	1	79	40%	410	10
Welders	1	74	40%	410	10
Bore/Drill Rig	1	84	20%	410	10
Excavator	1	81	40%	430	10
Bore/Drill Rig	1	84	20%	430	10
	17				

Receptor: ***R5***

Results:

1-hour Leq: **62.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Mat Foundation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	310	10
Air Compressor	1	78	40%	310	10
Crane (tower)	1	81	16%	330	10
Crane (mobile)	1	81	16%	330	10
Forklift	1	75	20%	350	10
Generator Set	1	81	50%	350	10
Water Truck	1	82	10%	370	10
Pump	1	81	50%	370	10
Signal Boards	1	73	50%	390	10
Crane (mobile)	1	81	16%	390	10
Pump	1	81	50%	410	10
Crane (mobile)	1	81	16%	410	10
Pump	1	81	50%	410	10
Pump	1	81	50%	410	10

14

Receptor: ***R5***

Results:

1-hour Leq: **61.2**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Building Construction***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	310	10
Cement and Mortar Mixer	1	80	50%	310	10
Air Compressor	1	78	40%	330	10
Aerial Lift	1	75	20%	330	10
Crane (tower)	1	81	16%	350	10
Crane (mobile)	1	81	16%	350	10
Skid Steer Loaders	1	79	40%	370	10
Signal Boards	1	73	50%	370	10
Pump	1	81	50%	390	10
Generator Set	1	81	50%	390	10
Fork Lift	1	75	20%	410	10
Welders	4	74	40%	410	10
Air Compressor	1	78	40%	410	10
Aerial Lift	3	75	20%	410	10
Crane (tower)	1	81	16%	410	10
Crane (mobile)	1	81	16%	430	10
Concrete Saw	1	90	20%	430	10
Fork Lift	3	75	20%	430	10
	25				

Receptor: ***R5***

Results:

1-hour Leq: **62.0**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: Paving

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	310	10
Cement and Mortar Mixer	1	80	50%	310	10
Air Compressor	1	78	40%	330	10
Aerial Lift	1	75	20%	330	10
Crane (mobile)	1	81	16%	350	10
Skid Steer Loaders	1	79	40%	350	10
Signal Boards	1	73	50%	370	10
Water Truck	1	82	10%	370	10
Generator Set	1	81	50%	390	10
Fork Lift	1	75	20%	390	10
Welders	1	74	40%	410	10
Paving Equipment	1	77	50%	410	10
Plate Compactor	1	83	20%	410	10
Tractor/Loader/Backhoes	1	79	40%	410	10
Air Compressor	1	78	40%	410	10
Aerial Lift	1	75	20%	430	10
Aerial Lift	1	75	20%	430	10
	17				

Receptor: ***R5***

Results:

1-hour Leq: 60.8

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Demolition***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	220	0
Excavator	1	81	40%	220	0
Crane (mobile)	1	81	16%	240	0
Tractor/Loader/Backhoe	1	84	40%	240	0
Air Compressor	1	78	40%	260	0
Water Truck	1	82	10%	260	0

6

Receptor: ***R6***

Results:

1-hour Leq: **72.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Grading/Excavation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	220	0
Bore/Drill Rig	1	84	20%	220	0
Cement and Mortar Mixer	1	80	50%	240	0
Excavator	1	81	40%	240	0
Crane (mobile)	1	81	16%	260	0
Generator Set	1	81	50%	260	0
Water Truck	1	82	10%	280	0
Pump	1	81	50%	280	0
Rough Terrain Forklift	1	83	40%	300	0
Air Compressor	1	78	40%	300	0
Rubber Tired Loader	1	79	40%	320	0
Signal Boards	1	73	50%	320	0
Skid Steer Loaders	1	79	40%	320	0
Welders	1	74	40%	320	0
Bore/Drill Rig	1	84	20%	320	0
Excavator	1	81	40%	340	0
Bore/Drill Rig	1	84	20%	340	0
	17				

Receptor: ***R6***

Results:

1-hour Leq: **74.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Mat Foundation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	220	0
Air Compressor	1	78	40%	220	0
Crane (tower)	1	81	16%	240	0
Crane (mobile)	1	81	16%	240	0
Forklift	1	75	20%	260	0
Generator Set	1	81	50%	260	0
Water Truck	1	82	10%	280	0
Pump	1	81	50%	280	0
Signal Boards	1	73	50%	300	0
Crane (mobile)	1	81	16%	300	0
Pump	1	81	50%	320	0
Crane (mobile)	1	81	16%	320	0
Pump	1	81	50%	320	0
Pump	1	81	50%	320	0
	14				

Receptor: ***R6***

Results:

1-hour Leq: **73.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Building Construction***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	220	0
Cement and Mortar Mixer	1	80	50%	220	0
Air Compressor	1	78	40%	240	0
Aerial Lift	1	75	20%	240	0
Crane (tower)	1	81	16%	260	0
Crane (mobile)	1	81	16%	260	0
Skid Steer Loaders	1	79	40%	280	0
Signal Boards	1	73	50%	280	0
Pump	1	81	50%	300	0
Generator Set	1	81	50%	300	0
Fork Lift	1	75	20%	320	0
Welders	4	74	40%	320	0
Air Compressor	1	78	40%	320	0
Aerial Lift	3	75	20%	320	0
Crane (tower)	1	81	16%	320	0
Crane (mobile)	1	81	16%	340	0
Concrete Saw	1	90	20%	340	0
Fork Lift	3	75	20%	340	0
	25				

Receptor: ***R6***

Results:

1-hour Leq: **74.5**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: Paving

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	220	0
Cement and Mortar Mixer	1	80	50%	220	0
Air Compressor	1	78	40%	240	0
Aerial Lift	1	75	20%	240	0
Crane (mobile)	1	81	16%	260	0
Skid Steer Loaders	1	79	40%	260	0
Signal Boards	1	73	50%	280	0
Water Truck	1	82	10%	280	0
Generator Set	1	81	50%	300	0
Fork Lift	1	75	20%	300	0
Welders	1	74	40%	320	0
Paving Equipment	1	77	50%	320	0
Plate Compactor	1	83	20%	320	0
Tractor/Loader/Backhoes	1	79	40%	320	0
Air Compressor	1	78	40%	320	0
Aerial Lift	1	75	20%	340	0
Aerial Lift	1	75	20%	340	0
	17				

Receptor: ***R6***

Results:

1-hour Leq: 73.5

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Demolition***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	50	0
Excavator	1	81	40%	50	0
Crane (mobile)	1	81	16%	70	0
Tractor/Loader/Backhoe	1	84	40%	70	0
Air Compressor	1	78	40%	90	0
Water Truck	1	82	10%	90	0

6

Receptor: ***R7***

Results:

1-hour Leq: **85.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Grading/Excavation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	50	0
Bore/Drill Rig	1	84	20%	50	0
Cement and Mortar Mixer	1	80	50%	70	0
Excavator	1	81	40%	70	0
Crane (mobile)	1	81	16%	90	0
Generator Set	1	81	50%	90	0
Water Truck	1	82	10%	110	0
Pump	1	81	50%	110	0
Rough Terrain Forklift	1	83	40%	130	0
Air Compressor	1	78	40%	130	0
Rubber Tired Loader	1	79	40%	150	0
Signal Boards	1	73	50%	150	0
Skid Steer Loaders	1	79	40%	150	0
Welders	1	74	40%	150	0
Bore/Drill Rig	1	84	20%	150	0
Excavator	1	81	40%	170	0
Bore/Drill Rig	1	84	20%	170	0
	17				

Receptor: ***R7***

Results:

1-hour Leq: 85.8

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Mat Foundation***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	50	0
Air Compressor	1	78	40%	50	0
Crane (tower)	1	81	16%	70	0
Crane (mobile)	1	81	16%	70	0
Forklift	1	75	20%	90	0
Generator Set	1	81	50%	90	0
Water Truck	1	82	10%	110	0
Pump	1	81	50%	110	0
Signal Boards	1	73	50%	130	0
Crane (mobile)	1	81	16%	130	0
Pump	1	81	50%	150	0
Crane (mobile)	1	81	16%	150	0
Pump	1	81	50%	150	0
Pump	1	81	50%	150	0
	14				

Receptor: ***R7***

Results:

1-hour Leq: **84.9**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: ***Building Construction***

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	50	0
Cement and Mortar Mixer	1	80	50%	50	0
Air Compressor	1	78	40%	70	0
Aerial Lift	1	75	20%	70	0
Crane (tower)	1	81	16%	90	0
Crane (mobile)	1	81	16%	90	0
Skid Steer Loaders	1	79	40%	110	0
Signal Boards	1	73	50%	110	0
Pump	1	81	50%	130	0
Generator Set	1	81	50%	130	0
Fork Lift	1	75	20%	150	0
Welders	4	74	40%	150	0
Air Compressor	1	78	40%	150	0
Aerial Lift	3	75	20%	150	0
Crane (tower)	1	81	16%	150	0
Crane (mobile)	1	81	16%	170	0
Concrete Saw	1	90	20%	170	0
Fork Lift	3	75	20%	170	0
	25				

Receptor: ***R7***

Results:

1-hour Leq: **85.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Construction Phase: Paving

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	50	0
Cement and Mortar Mixer	1	80	50%	50	0
Air Compressor	1	78	40%	70	0
Aerial Lift	1	75	20%	70	0
Crane (mobile)	1	81	16%	90	0
Skid Steer Loaders	1	79	40%	90	0
Signal Boards	1	73	50%	110	0
Water Truck	1	82	10%	110	0
Generator Set	1	81	50%	130	0
Fork Lift	1	75	20%	130	0
Welders	1	74	40%	150	0
Paving Equipment	1	77	50%	150	0
Plate Compactor	1	83	20%	150	0
Tractor/Loader/Backhoes	1	79	40%	150	0
Air Compressor	1	78	40%	150	0
Aerial Lift	1	75	20%	170	0
Aerial Lift	1	75	20%	170	0
	17				

Receptor: ***R7***

Results:

1-hour Leq: 85.0

Source for Ref. Noise Levels: FHWA RCNM, 2006

AES
ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project

Off-Site Haul Trucks

Phase	Maximum Number of Truck One Way Trips (delivery/haul) Per Day	Per Hour (8-hr day)	Worker Trips Daily Trips	Trips during Pk Hr.	Estimated Project Noise Levels (From TNM Outputs), Leq(hr) Selma Ave.	Argyle Ave.	Yucca St.	Gower St.	Cahuenga Blvd.
1. Demolition	20	2	44	18	56.8	56.8	56.8	55.2	55.2
2. Grading/Excavation	200	17	52	21	64.8	64.8	64.8	63.2	63.2
3. Mat Foundation (cont. pour)	670	21	132	53	65.9	65.9	65.9	64.3	64.3
4. Building Construction	80	5	176	71	61.5	61.5	61.5	59.9	59.9
5. Const./Paving/Landscape	40	3	176	71	60.3	60.3	60.3	58.7	58.7
** Trucks are one-way*				Ambient, dBA	59.7	68.3	64.9	69.0	67.0
*** 6-hours for Grading*				Significance Criteria, dBA	64.7	73.3	69.9	74.0	72.0
**** 16-hour Mat Pour*									

	Estimated Noise Levels - Project + Ambient, Leq(hr) Selma Ave.	Argyle Ave.	Yucca St.	Gower St.	Cahuenga Blvd.
1. Demolition	61.5	68.6	65.5	69.2	67.3
2. Grading/Excavation	66.0	69.9	67.9	70.0	68.5
3. Mat Foundation (cont. pour)	66.8	70.3	68.4	70.3	68.9
4. Building Construction	63.7	69.1	66.5	69.5	67.8
5. Const./Paving/Landscape	63.0	68.9	66.2	69.4	67.6

	Estimated Noise Increase, Leq(hr) Selma Ave.	Argyle Ave.	Yucca St.	Gower St.	Cahuenga Blvd.
1. Demolition	1.8	0.3	0.6	0.2	0.3
2. Grading/Excavation	6.3	1.6	3.0	1.0	1.5
3. Mat Foundation (cont. pour)	7.1	2.0	3.5	1.3	1.9
4. Building Construction	4.0	0.8	1.6	0.5	0.8
5. Const./Paving/Landscape	3.3	0.6	1.3	0.4	0.6
Maximum Noise Increase, dBA (Leq)	7.1	2.0	3.5	1.3	1.9

Eyestone Environmental 15 March 2021
Sean Bui TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Demo Phase

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points					Flow Control			Segment	
Name	Width	Name	No.	Coordinates (pavement) X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	50	Average	
		point2	2	1,000.0	0.0	0.00					

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **1520 Cahuenga**
RUN: **Off-site Construction - Demo Phase**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	18	35	0	0	2	35	0	0	0	0
	point2	2										

Eyestone Environmental 15 March 2021
Sean Bui TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Demo Phase

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Selma Argyle and Yucca	1	1	250.0	25.0	0.00	4.92	0.00	71	5.0	0.0	Y
Gower and Cahuenga	11	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

Eyestone Environmental
Sean Bui

15 March 2021
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Demo Phase
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Increase over existing Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Noise Reduction Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Selma Argyle and Yucca	1	1	0.0	56.8	71	56.8	5	----	56.8	0.0	0	0.0
Gower and Cahuenga	11	1	0.0	55.2	66	55.2	10	----	55.2	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	2	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	1	0.0	0.0	0.0

Eyestone Environmental 15 March 2021
Sean Bui TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Grading Phase

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points					Flow Control				
Name	Width	Name	No.	Coordinates (pavement)						Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	50	Average	
		point2	2	1,000.0	0.0	0.00					

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **1520 Cahuenga**
RUN: **Off-site Construction - Grading Phase**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	21	35	0	0	17	35	0	0	0	0
	point2	2										

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: RECEIVERS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Grading Phase

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Selma Argyle and Yucca	1	1	250.0	25.0	0.00	4.92	0.00	71	5.0	0.0	Y
Gower and Cahuenga	11	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

Eyestone Environmental
Sean Bui

15 March 2021
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Grading Phase
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Increase over existing Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Selma Argyle and Yucca	1	1	0.0	64.8	71	64.8	5	----	64.8	0.0	0	0.0
Gower and Cahuenga	11	1	0.0	63.2	66	63.2	10	----	63.2	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	2	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	1	0.0	0.0	0.0

Eyestone Environmental	15 March 2021
Sean Bui	TNM 2.5

INPUT: ROADWAYS	Average pavement type shall be used unless
PROJECT/CONTRACT:	1520 Cahuenga a State highway agency substantiates the use
RUN:	Off-site Construction - Mat Foundation of a different type with the approval of FHWA

Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	50	Average	
		point2	2	1,000.0	0.0	0.00					

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **1520 Cahuenga**
RUN: **Off-site Construction - Mat Foundation**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	53	35	0	0	21	35	0	0	0	0
	point2	2										

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: RECEIVERS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Mat Foundation

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Selma Argyle and Yucca	1	1	250.0	25.0	0.00	4.92	0.00	71	5.0	0.0	Y
Gower and Cahuenga	11	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

Eyestone Environmental
Sean Bui

15 March 2021
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Mat Foundation
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Selma Argyle and Yucca	1	1	0.0	65.9	71	65.9	5	----	65.9	0.0	0	0.0
Gower and Cahuenga	11	1	0.0	64.3	66	64.3	10	----	64.3	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	2	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	1	0.0	0.0	0.0

Eyestone Environmental 15 March 2021
Sean Bui TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Bldg Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	50	Average	
		point2	2	1,000.0	0.0	0.00					

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **1520 Cahuenga**
RUN: **Off-site Construction - Bldg Construction**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	71	35	0	0	5	35	0	0	0	0
	point2	2										

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: RECEIVERS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Bldg Construction

Receiver Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Selma Argyle and Yucca	1	1	250.0	25.0	0.00	4.92	0.00	71	5.0	0.0	Y
Gower and Cahuenga	11	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

Eyestone Environmental
Sean Bui

15 March 2021
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Construction - Bldg Construction
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Selma Argyle and Yucca	1	1	0.0	61.5	71	61.5	5	----	61.5	0.0	0	0.0
Gower and Cahuenga	11	1	0.0	59.9	66	59.9	10	----	59.9	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	2	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	1	0.0	0.0	0.0

Eyestone Environmental 15 March 2021
Sean Bui TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Const. - Bldg/Paving/Landscape

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Haul Route	12.0	point1	1	0.0	0.0	0.00	Signal	0.00	50	Average	
		point2	2	1,000.0	0.0	0.00					

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **1520 Cahuenga**
RUN: **Off-site Const. - Bldg/Paving/Landscape**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Haul Route	point1	1	71	35	0	0	3	35	0	0	0	0
	point2	2										

Eyestone Environmental **15 March 2021**
Sean Bui **TNM 2.5**

INPUT: RECEIVERS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Const. - Bldg/Paving/Landscape

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Selma Argyle and Yucca	1	1	250.0	25.0	0.00	4.92	0.00	71	5.0	0.0	Y
Gower and Cahuenga	11	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

Eyestone Environmental
Sean Bui

15 March 2021
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 1520 Cahuenga
RUN: Off-site Const. - Bldg/Paving/Landscape
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Increase over existing Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Noise Reduction Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Selma Argyle and Yucca	1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Gower and Cahuenga	11	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	2	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	1	0.0	0.0	0.0

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ACOUSTICAL ENGINEERING SERVICES

Project: 1520 Cahuenga Project EIR

Construction Vibration Impacts

Reference Levels at 25 feet are based on FTA, 2006 (Transit Noise and Vibration Impact Assessment)
Calculations using FTA procedure with n= **1.5** (for receptors 25 feet or greater)
n= **1.1** (for receptors less than 25 feet, per Caltrans procedure)

ON-SITE CONSTRUCTION ACTIVITIES

Table 1: Construction Equipment Vibration Levels (PPV) - Building Damages

Equipment	Reference Vibration Levels at 25 ft., PPV	Estimated Vibration Levels at nearest off-site building structures (distance in feet), PPV						
		Historic Structure to the north	Single-Story Commercial building to the North	Single-Story Commercial Building the South	Single-Story Commercial building to the west	Three-Story Parking Structure to the east		
		50	**50**	**215**	**5**	**70**		
Large Bulldozer	0.089	0.032	0.032	0.004	0.523	0.019		
Caisson Drilling	0.089	0.032	0.032	0.004	0.523	0.019		
Loaded Trucks	0.076	0.027	0.027	0.003	0.446	0.016		
Jackhammer	0.035	0.012	0.012	0.001	0.206	0.008		
Small bulldozer	0.003	0.001	0.001	0.000	0.018	0.001		
Significance Threshold, PPV		0.12	0.3	0.3	0.3	0.5		

Table 2: Construction Equipment Vibration Levels (VdB) - Human Annoyance

Equipment	Reference Vibration Levels at 25 ft., VdB	Estimated Vibration Levels at Off-Site Receptors (at note distance in feet), VdB						
		R1	R2	R3	R4	R5	R6	R7
		120	**150**	**215**	**140**	**310**	**220**	**50**
Large Bulldozer	87	66.6	63.7	59.0	64.6	54.2	58.7	78.0
Caisson Drilling	87	66.6	63.7	59.0	64.6	54.2	58.7	78.0
Loaded Trucks	86	65.6	62.7	58.0	63.6	53.2	57.7	77.0
Jackhammer	79	58.6	55.7	51.0	56.6	46.2	50.7	70.0
Small bulldozer	58	37.6	34.7	30.0	35.6	25.2	29.7	49.0
Significance Threshold, VdB		72	72	72	65	72	72	65

OFF-SITE CONSTRUCTION HAUL TRUCKS

Table 3: Off-Site Haul Trucks - Building Damage

Equipment	Reference Vibration Levels at 50 ft., PPV	Estimated Vibration Levels at noted distance in feet, PPV						
		20						
Typical road surface	0.00565	0.022						
Significance Threshold, PPV		0.12						

Ref. Levels based on FTA Figure 7-3 (converted from VdB to PPV)

Table 4: Off-Site Haul Trucks - Human Annoyance

Equipment	Reference Vibration Levels at 50 ft., VdB	Estimated Vibration Levels at noted distance in feet, VdB						
		25	**80**					
Typical road surface	63	72	57					
Significance Threshold, VdB		72	72					

Ref. Levels based on FTA Figure 7-3

Operation Noise Calculations

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ACOUSTICAL ENGINEERING SERVICES

Project Composite Noise Calculations (CNEL)

Project: 1520 Cahuenga Project

Receptor	Ambient	Traffic[a]	Mechanical	Loading		Outdoor		Project Composite	Ambient + Project	Increase
R1	62.9	52.7	36.5	24.5		44.8		53.5	63.4	0.5
R1U	62.9	49.3	37.3	23.3		51.0		53.3	63.4	0.5
R2	67.4	57.6	46.4	17.5		57.3		60.6	68.2	0.8
R2U	67.4	51.7	43.7	16.6		59.9		60.6	68.2	0.8
R3	67.0	57.6	47.2	14.7		58.7		61.3	68.0	1.0
R3U	67.0	48.9	52.7	13.3		56.2		58.3	67.6	0.6
R4	70.7	47.4	46.9	11.6		50.2		53.2	70.8	0.1
R5	66.1	51.8	48.9	9.1		53.7		56.6	66.6	0.5
R5U	66.1	48.6	44.8	9.1		57.8		58.4	66.8	0.7
R6	62.6	51.8	45.0	11.4		49.7		54.4	63.2	0.6
R6U	62.6	49.3	38.5	11.1		54.2		55.5	63.4	0.8
R7	62.1	51.8	43.3	18.0		46.7		53.4	62.7	0.6

[a] - Project traffic noise levels at each receptor is based on the traffic noise analysis for the roadway segment in front of the receptor, adjusted for distance and barrier (if present), as provided in the table below.

U - Represents upper levels.

		Traffic Noise Levels, CNEL								
Receptor	Roadway Segment	Existing	Existing + Project	Project Only	distance to roadway, ft	Existing	Existing + Project	barrier	distance to Center Line	adj. for distance
R1	Ivar Ave.	66.0	66.2	52.7	10	66.0	66.2	0	30	0.0
R1U	Ivar Ave.	62.6	62.8	49.3	46	66.0	66.2	0	30	-3.4
R2	Ivar Ave.	66.7	67.2	57.6	10	66.7	67.2	0	30	0.0
R2U	Ivar Ave.	60.8	61.3	51.7	96	66.7	67.2	0	30	-5.9
R3	Ivar Ave.	66.7	67.2	57.6	10	66.7	67.2	0	30	0.0
R3U	Ivar Ave.	58.0	58.5	48.9	200	66.7	67.2	0	30	-8.7
R4	Sunset Blvd.	63.7	63.8	47.4	300	72.4	72.5	0	45	-8.7
R5	Selma Ave.	65.1	65.3	51.8	10	65.1	65.3	0	33	0.0
R5U	Selma Ave.	61.9	62.1	48.6	46	65.1	65.3	0	33	-3.2
R6	Selma Ave.	65.1	65.3	51.8	10	65.1	65.3	0	33	0.0
R6U	Selma Ave.	62.5	62.7	49.3	36	65.1	65.3	0	33	-2.6
R7	Selma Ave.	65.1	65.3	51.8	10	65.1	65.3	0	33	0.0

For report, based on the worst-case (highest noise impacts)

Receptor	Ambient	Traffic	Mechanical	Loading		Outdoor		Project Composite	Ambient + Project	Increase
R1	62.9	49.3	37.3	23.3		51.0		53.3	63.4	0.5
R2	67.4	57.6	46.4	17.5		57.3		60.6	68.2	0.8
R3	67.0	57.6	47.2	14.7		58.7		61.3	68.0	1.0
R4	70.7	47.4	46.9	11.6		50.2		53.2	70.8	0.1
R5	66.1	48.6	44.8	9.1		57.8		58.4	66.8	0.7
R6	62.6	49.3	38.5	11.1		54.2		55.5	63.4	0.8
R7	62.1	51.8	43.3	18.0		46.7		53.4	62.7	0.6

AES
ACOUSTICAL ENGINEERING SERVICES

Outdoor Mechanical Equipment Noise Calculations

Project: 1520 Cahuenga Project

	Estimated Noise Levels, Leq from SOUNDPLAN		Hours of Operations Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	Leq	CNEL	12	3	9
R1	37.0	36.5	37.0	37.0	0.0
R1U	37.8	37.3	37.8	37.8	0.0
R2	39.7	46.4	39.7	39.7	39.7
R2U	44.2	43.7	44.2	44.2	0.0
R3	40.5	47.2	40.5	40.5	40.5
R3U	53.2	52.7	53.2	53.2	0.0
R4	40.2	46.9	40.2	40.2	40.2
R5	42.2	48.9	42.2	42.2	42.2
R5U	45.3	44.8	45.3	45.3	0.0
R6	38.3	45.0	38.3	38.3	38.3
R6U	39.0	38.5	39.0	39.0	0.0
R7	36.6	43.3	36.6	36.6	36.6

Receptor	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	62.9	62.9	0.0	54.6	54.7	0.1
R1U	62.9	62.9	0.0	54.6	54.7	0.1
R2	67.4	67.4	0.0	57.3	57.4	0.1
R2U	67.4	67.4	0.0	57.3	57.5	0.2
R3	67.0	67.0	0.0	59.1	59.2	0.1
R3U	67.0	67.2	0.2	59.1	60.1	1.0
R4	70.7	70.7	0.0	62.9	62.9	0.0
R5	66.1	66.2	0.1	52.1	52.5	0.4
R5U	66.1	66.1	0.0	52.1	52.9	0.8
R6	62.6	62.7	0.1	52.8	53.0	0.2
R6U	62.6	62.6	0.0	52.8	53.0	0.2
R7	62.1	62.2	0.1	53.2	53.3	0.1

Receptor	Ambient, (Leq)	Project, (Leq)	Amb+Project, (Leq)	Criteria, (Leq)	Exceedance
R1	54.6	37.8	54.7	59.6	0.0
R2	57.3	44.2	57.5	62.3	0.0
R3	59.1	53.2	60.1	64.1	0.0
R4	62.9	40.2	62.9	67.9	0.0
R5	52.1	45.3	52.9	57.1	0.0
R6	52.8	39.0	53.0	57.8	0.0
R7	53.2	36.6	53.3	58.2	0.0

AES
ACOUSTICAL ENGINEERING SERVICES

Loading Noise Calculations

Project: 1520 Cahuenga Project

			Hours of Operations		
	Estimated Noise Levels, Leq from SOUNDPLAN		Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	Leq	CNEL	3	3	
R1	27.3	24.5	21.3	27.3	0.0
R1U	26.1	23.3	20.1	26.1	0.0
R2	20.0	17.5	14.0	20.0	0.0
R2U	19.1	16.6	13.1	19.1	0.0
R3	16.9	14.7	10.9	16.9	0.0
R3U	15.3	13.3	9.3	15.3	0.0
R4	13.2	11.6	7.2	13.2	0.0
R5	9.3	9.1	3.3	9.3	0.0
R5U	9.3	9.1	3.3	9.3	0.0
R6	12.9	11.4	6.9	12.9	0.0
R6U	12.5	11.1	6.5	12.5	0.0
R7	20.6	18.0	14.6	20.6	0.0

Receptor	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	62.9	62.9	0.0	54.6	54.6	0.0
R1U	62.9	62.9	0.0	54.6	54.6	0.0
R2	67.4	67.4	0.0	57.3	57.3	0.0
R2U	67.4	67.4	0.0	57.3	57.3	0.0
R3	67.0	67.0	0.0	59.1	59.1	0.0
R3U	67.0	67.0	0.0	59.1	59.1	0.0
R4	70.7	70.7	0.0	62.9	62.9	0.0
R5	66.1	66.1	0.0	52.1	52.1	0.0
R5U	66.1	66.1	0.0	52.1	52.1	0.0
R6	62.6	62.6	0.0	52.8	52.8	0.0
R6U	62.6	62.6	0.0	52.8	52.8	0.0
R7	62.1	62.1	0.0	53.2	53.2	0.0

Receptor	Ambient, (Leq)	Project, (Leq)	Amb+Project, (Leq)	Criteria, (Leq)	Exceedance
R1	54.6	27.3	54.6	59.6	0.0
R2	57.3	20.0	57.3	62.3	0.0
R3	59.1	16.9	59.1	64.1	0.0
R4	62.9	13.2	62.9	67.9	0.0
R5	52.1	9.3	52.1	57.1	0.0
R6	52.8	12.9	52.8	57.8	0.0
R7	53.2	20.6	53.2	58.2	0.0

AES
ACOUSTICAL ENGINEERING SERVICES

Outdoor Noise Calculations

Project: 1520 Cahuenga Project

					Hours of Operations		
	Estimated noise levels, Leq (FROM SOUNDPLAN)				Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	System	Occupants	Total, Leq	CNEL	12	**2**	**4**
R1	40.5	30.7	40.9	44.8	40.9	39.1	37.4
R1U	46.6	37.5	47.1	51.0	47.1	45.3	43.6
R2	53.1	41.3	53.4	57.3	53.4	51.6	49.9
R2U	55.3	47.4	56.0	59.9	56.0	54.2	52.5
R3	54.7	35.7	54.8	58.7	54.8	53.0	51.3
R3U	51.3	45.2	52.3	56.2	52.3	50.5	48.8
R4	45.0	40.4	46.3	50.2	46.3	44.5	42.8
R5	49.3	40.2	49.8	53.7	49.8	48.0	46.3
R5U	53.2	45.5	53.9	57.8	53.9	52.1	50.4
R6	44.6	39.6	45.8	49.7	45.8	44.0	42.3
R6U	49.4	42.8	50.3	54.2	50.3	48.5	46.8
R7	42.2	33.8	42.8	46.7	42.8	41.0	39.3

Receptor	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	ambient (Leq)	Project (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	62.9	63.0	0.1	54.6	40.9	54.8	0.2
R1U	62.9	63.2	0.3	54.6	47.1	55.3	0.7
R2	67.4	67.8	0.4	57.3	53.4	58.8	1.5
R2U	67.4	68.1	0.7	57.3	56.0	59.7	2.4
R3	67.0	67.6	0.6	59.1	54.8	60.5	1.4
R3U	67.0	67.3	0.3	59.1	52.3	59.9	0.8
R4	70.7	70.7	0.0	62.9	46.3	63.0	0.1
R5	66.1	66.3	0.2	52.1	49.8	54.1	2.0
R5U	66.1	66.7	0.6	52.1	53.9	56.1	4.0
R6	62.6	62.8	0.2	52.8	45.8	53.6	0.8
R6U	62.6	63.2	0.6	52.8	50.3	54.7	1.9
R7	62.1	62.2	0.1	53.2	42.8	53.6	0.4

Receptor	Ambient, (Leq)	Project, (Leq)	Ambient + Project, (Leq)	Criteria, (Leq)	Exceedance
R1	54.6	47.1	55.3	59.6	0.0
R2	57.3	56.0	59.7	62.3	0.0
R3	59.1	54.8	60.5	64.1	0.0
R4	62.9	46.3	63.0	67.9	0.0
R5	52.1	53.9	56.1	57.1	0.0
R6	52.8	50.3	54.7	57.8	0.0
R7	53.2	42.8	53.6	58.2	0.0

1520 Cahuenga
Source Levels in dB(A) - Mechanical

Name	Source type	Lw dB(A)	
Mechanical Equipment	Point	100.0	
Mechanical Equipment	Point	100.0	
Mechanical Equipment	Point	100.0	
Mechanical Equipment	Point	100.0	
Mechanical Equipment	Point	100.0	
Mechanical Equipment	Point	100.0	
Mechanical Equipment	Point	100.0	

1520 Cahuenga
Contribution level - Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R1 Fl 1.FL Leq,d 37.0 dB(A)			
Mechanical Equipment	Point	26.0	
Mechanical Equipment	Point	26.5	
Mechanical Equipment	Point	26.6	
Mechanical Equipment	Point	27.8	
Mechanical Equipment	Point	27.2	
Mechanical Equipment	Point	27.3	
Mechanical Equipment	Point	33.2	
Receiver R1 Fl 2.FL Leq,d 37.8 dB(A)			
Mechanical Equipment	Point	26.4	
Mechanical Equipment	Point	26.7	
Mechanical Equipment	Point	26.8	
Mechanical Equipment	Point	27.9	
Mechanical Equipment	Point	27.5	
Mechanical Equipment	Point	27.9	
Mechanical Equipment	Point	34.5	
Receiver R2 Fl 1.FL Leq,d 39.7 dB(A)			
Mechanical Equipment	Point	28.4	
Mechanical Equipment	Point	27.8	
Mechanical Equipment	Point	28.2	
Mechanical Equipment	Point	28.3	
Mechanical Equipment	Point	34.0	
Mechanical Equipment	Point	34.0	
Mechanical Equipment	Point	32.1	
Receiver R2 Fl 2.FL Leq,d 44.2 dB(A)			
Mechanical Equipment	Point	30.8	
Mechanical Equipment	Point	30.1	
Mechanical Equipment	Point	30.7	
Mechanical Equipment	Point	30.8	
Mechanical Equipment	Point	39.4	
Mechanical Equipment	Point	39.5	
Mechanical Equipment	Point	36.2	
Receiver R3 Fl 1.FL Leq,d 40.5 dB(A)			
Mechanical Equipment	Point	28.1	
Mechanical Equipment	Point	27.7	
Mechanical Equipment	Point	27.8	
Mechanical Equipment	Point	27.8	
Mechanical Equipment	Point	35.6	
Mechanical Equipment	Point	35.5	
Mechanical Equipment	Point	32.3	

1520 Cahuenga
Contribution level - Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R3 Fl 2.FL Leq,d 53.2 dB(A)			
Mechanical Equipment	Point	34.9	
Mechanical Equipment	Point	34.3	
Mechanical Equipment	Point	33.9	
Mechanical Equipment	Point	33.2	
Mechanical Equipment	Point	49.4	
Mechanical Equipment	Point	49.7	
Mechanical Equipment	Point	42.6	
Receiver R4 Fl 1.FL Leq,d 40.2 dB(A)			
Mechanical Equipment	Point	30.5	
Mechanical Equipment	Point	30.1	
Mechanical Equipment	Point	30.6	
Mechanical Equipment	Point	29.8	
Mechanical Equipment	Point	35.6	
Mechanical Equipment	Point	32.0	
Mechanical Equipment	Point	30.0	
Receiver R5 Fl 1.FL Leq,d 42.2 dB(A)			
Mechanical Equipment	Point	31.2	
Mechanical Equipment	Point	31.2	
Mechanical Equipment	Point	31.2	
Mechanical Equipment	Point	32.0	
Mechanical Equipment	Point	38.6	
Mechanical Equipment	Point	33.1	
Mechanical Equipment	Point	32.1	
Receiver R5 Fl 2.FL Leq,d 45.3 dB(A)			
Mechanical Equipment	Point	34.1	
Mechanical Equipment	Point	34.1	
Mechanical Equipment	Point	34.0	
Mechanical Equipment	Point	35.1	
Mechanical Equipment	Point	41.4	
Mechanical Equipment	Point	36.4	
Mechanical Equipment	Point	37.0	
Receiver R6 Fl 1.FL Leq,d 38.3 dB(A)			
Mechanical Equipment	Point	27.6	
Mechanical Equipment	Point	28.2	
Mechanical Equipment	Point	29.6	
Mechanical Equipment	Point	30.5	
Mechanical Equipment	Point	32.6	
Mechanical Equipment	Point	30.3	
Mechanical Equipment	Point	27.4	

Source	Source type	Leq,d dB(A)	
Receiver R6 Fl 2.FL Leq,d 39.0 dB(A)			
Mechanical Equipment	Point	28.0	
Mechanical Equipment	Point	28.6	
Mechanical Equipment	Point	30.0	
Mechanical Equipment	Point	31.2	
Mechanical Equipment	Point	33.8	
Mechanical Equipment	Point	31.0	
Mechanical Equipment	Point	27.8	
Receiver R7 Fl 1.FL Leq,d 36.6 dB(A)			
Mechanical Equipment	Point	27.8	
Mechanical Equipment	Point	27.6	
Mechanical Equipment	Point	27.9	
Mechanical Equipment	Point	28.1	
Mechanical Equipment	Point	27.3	
Mechanical Equipment	Point	29.9	
Mechanical Equipment	Point	27.5	

1520 Cahuenga
Source Levels in dB(A) - Loading

Name	Source type	Lw dB(A)	
Loading	Point	101.9	

1520 Cahuenga
Contribution level - Loading

Source	Source type	Leq,d dB(A)	
Receiver R1 Fl 1.FL Leq,d 27.3 dB(A)			
Loading	Point	27.3	
Receiver R1 Fl 2.FL Leq,d 26.1 dB(A)			
Loading	Point	26.1	
Receiver R2 Fl 1.FL Leq,d 20.0 dB(A)			
Loading	Point	20.0	
Receiver R2 Fl 2.FL Leq,d 19.1 dB(A)			
Loading	Point	19.1	
Receiver R3 Fl 1.FL Leq,d 16.9 dB(A)			
Loading	Point	16.9	
Receiver R3 Fl 2.FL Leq,d 15.3 dB(A)			
Loading	Point	15.3	
Receiver R4 Fl 1.FL Leq,d 13.2 dB(A)			
Loading	Point	13.2	
Receiver R5 Fl 1.FL Leq,d 9.3 dB(A)			
Loading	Point	9.3	
Receiver R5 Fl 2.FL Leq,d dB(A)			
Loading	Point		
Receiver R6 Fl 1.FL Leq,d 12.9 dB(A)			
Loading	Point	12.9	
Receiver R6 Fl 2.FL Leq,d 12.5 dB(A)			
Loading	Point	12.5	
Receiver R7 Fl 1.FL Leq,d 20.6 dB(A)			
Loading	Point	20.6	

1520 Cahuenga
Source Levels in dB(A) - People

Name	Source type	Lw dB(A)	
People Level 04	Area	95.6	
People Level 25	Area	92.4	

1520 Cahuenga
Contribution level - People

Source	Source type	Leq,d dB(A)	
Receiver R1 Fl 1.FL Leq,d 30.7 dB(A)			
People Level 04	Area	29.4	
People Level 25	Area	24.8	
Receiver R1 Fl 2.FL Leq,d 37.5 dB(A)			
People Level 04	Area	37.1	
People Level 25	Area	26.4	
Receiver R2 Fl 1.FL Leq,d 41.3 dB(A)			
People Level 04	Area	41.3	
People Level 25	Area	20.9	
Receiver R2 Fl 2.FL Leq,d 47.4 dB(A)			
People Level 04	Area	47.4	
People Level 25	Area	22.8	
Receiver R3 Fl 1.FL Leq,d 35.7 dB(A)			
People Level 04	Area	35.6	
People Level 25	Area	20.5	
Receiver R3 Fl 2.FL Leq,d 45.2 dB(A)			
People Level 04	Area	45.2	
People Level 25	Area	24.1	
Receiver R4 Fl 1.FL Leq,d 40.4 dB(A)			
People Level 04	Area	40.3	
People Level 25	Area	22.6	
Receiver R5 Fl 1.FL Leq,d 40.2 dB(A)			
People Level 04	Area	40.1	
People Level 25	Area	25.5	
Receiver R5 Fl 2.FL Leq,d 45.5 dB(A)			
People Level 04	Area	45.5	
People Level 25	Area	28.6	
Receiver R6 Fl 1.FL Leq,d 39.6 dB(A)			
People Level 04	Area	39.4	
People Level 25	Area	26.0	
Receiver R6 Fl 2.FL Leq,d 42.8 dB(A)			
People Level 04	Area	42.7	
People Level 25	Area	27.3	
Receiver R7 Fl 1.FL Leq,d 33.8 dB(A)			
People Level 04	Area	33.0	
People Level 25	Area	25.9	

1520 Cahuenga
Source Levels in dB(A) - Speakers

Name	Source type	Lw dB(A)	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 04	Point	99.2	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	
Speakers Level 25	Point	108.6	

1520 Cahuenga
Contribution level - Speakers

Source	Source type	Leq,d dB(A)	
Receiver R1 Fl 1.FL Leq,d 40.5 dB(A)			
Speakers Level 04	Point	15.5	
Speakers Level 04	Point	18.8	
Speakers Level 04	Point	16.1	
Speakers Level 04	Point	8.1	
Speakers Level 04	Point	7.6	
Speakers Level 04	Point	7.4	
Speakers Level 04	Point	12.0	
Speakers Level 04	Point	8.6	
Speakers Level 04	Point	6.0	
Speakers Level 04	Point	6.9	
Speakers Level 04	Point	8.5	
Speakers Level 04	Point	8.3	
Speakers Level 04	Point	36.1	
Speakers Level 04	Point	21.4	
Speakers Level 25	Point	25.9	
Speakers Level 25	Point	27.7	
Speakers Level 25	Point	20.6	
Speakers Level 25	Point	24.8	
Speakers Level 25	Point	29.8	
Speakers Level 25	Point	20.0	
Speakers Level 25	Point	17.2	
Speakers Level 25	Point	21.0	
Speakers Level 25	Point	35.2	
Speakers Level 25	Point	29.7	
Receiver R1 Fl 2.FL Leq,d 46.6 dB(A)			
Speakers Level 04	Point	18.7	
Speakers Level 04	Point	24.8	
Speakers Level 04	Point	21.0	
Speakers Level 04	Point	16.5	
Speakers Level 04	Point	14.1	
Speakers Level 04	Point	12.3	
Speakers Level 04	Point	18.7	
Speakers Level 04	Point	9.8	
Speakers Level 04	Point	9.5	
Speakers Level 04	Point	10.0	
Speakers Level 04	Point	11.9	
Speakers Level 04	Point	12.6	
Speakers Level 04	Point	45.2	
Speakers Level 04	Point	30.3	

Source	Source type	Leq,d dB(A)	
Speakers Level 25	Point	28.0	
Speakers Level 25	Point	29.9	
Speakers Level 25	Point	22.3	
Speakers Level 25	Point	27.0	
Speakers Level 25	Point	32.1	
Speakers Level 25	Point	21.8	
Speakers Level 25	Point	18.8	
Speakers Level 25	Point	22.6	
Speakers Level 25	Point	37.3	
Speakers Level 25	Point	31.8	
Receiver R2 Fl 1.FL Leq,d 53.1 dB(A)			
Speakers Level 04	Point	30.5	
Speakers Level 04	Point	31.3	
Speakers Level 04	Point	37.0	
Speakers Level 04	Point	34.8	
Speakers Level 04	Point	22.0	
Speakers Level 04	Point	23.7	
Speakers Level 04	Point	50.6	
Speakers Level 04	Point	48.7	
Speakers Level 04	Point	14.6	
Speakers Level 04	Point	9.7	
Speakers Level 04	Point	9.3	
Speakers Level 04	Point	7.8	
Speakers Level 04	Point	13.0	
Speakers Level 04	Point	13.8	
Speakers Level 25	Point	13.7	
Speakers Level 25	Point	27.5	
Speakers Level 25	Point	20.5	
Speakers Level 25	Point	13.8	
Speakers Level 25	Point	16.9	
Speakers Level 25	Point	15.8	
Speakers Level 25	Point	18.9	
Speakers Level 25	Point	19.4	
Speakers Level 25	Point	25.3	
Speakers Level 25	Point	31.5	
Receiver R2 Fl 2.FL Leq,d 55.3 dB(A)			
Speakers Level 04	Point	33.3	
Speakers Level 04	Point	40.8	
Speakers Level 04	Point	42.5	
Speakers Level 04	Point	44.4	

Source	Source type	Leq,d dB(A)	
Speakers Level 04	Point	36.4	
Speakers Level 04	Point	27.5	
Speakers Level 04	Point	52.1	
Speakers Level 04	Point	50.3	
Speakers Level 04	Point	9.2	
Speakers Level 04	Point	8.8	
Speakers Level 04	Point	9.2	
Speakers Level 04	Point	7.8	
Speakers Level 04	Point	15.3	
Speakers Level 04	Point	16.4	
Speakers Level 25	Point	15.6	
Speakers Level 25	Point	31.6	
Speakers Level 25	Point	23.8	
Speakers Level 25	Point	16.2	
Speakers Level 25	Point	19.6	
Speakers Level 25	Point	18.1	
Speakers Level 25	Point	21.9	
Speakers Level 25	Point	22.2	
Speakers Level 25	Point	28.6	
Speakers Level 25	Point	36.1	
Receiver R3 Fl 1.FL Leq,d 54.7 dB(A)			
Speakers Level 04	Point	20.6	
Speakers Level 04	Point	14.2	
Speakers Level 04	Point	20.3	
Speakers Level 04	Point	23.1	
Speakers Level 04	Point	26.0	
Speakers Level 04	Point	23.7	
Speakers Level 04	Point	52.5	
Speakers Level 04	Point	50.6	
Speakers Level 04	Point	28.2	
Speakers Level 04	Point	8.5	
Speakers Level 04	Point	8.5	
Speakers Level 04	Point	6.8	
Speakers Level 04	Point	9.5	
Speakers Level 04	Point	9.9	
Speakers Level 25	Point	12.8	
Speakers Level 25	Point	31.4	
Speakers Level 25	Point	21.7	
Speakers Level 25	Point	12.6	
Speakers Level 25	Point	16.6	
Speakers Level 25	Point	17.2	

Source	Source type	Leq,d dB(A)	
Speakers Level 25	Point	19.2	
Speakers Level 25	Point	20.4	
Speakers Level 25	Point	29.3	
Speakers Level 25	Point	33.7	
Receiver R3 Fl 2.FL Leq,d 51.3 dB(A)			
Speakers Level 04	Point	29.7	
Speakers Level 04	Point	34.5	
Speakers Level 04	Point	35.5	
Speakers Level 04	Point	43.2	
Speakers Level 04	Point	43.9	
Speakers Level 04	Point	34.1	
Speakers Level 04	Point	44.5	
Speakers Level 04	Point	44.9	
Speakers Level 04	Point	31.5	
Speakers Level 04	Point	7.5	
Speakers Level 04	Point	6.8	
Speakers Level 04	Point	5.6	
Speakers Level 04	Point	15.2	
Speakers Level 04	Point	16.5	
Speakers Level 25	Point	18.9	
Speakers Level 25	Point	36.2	
Speakers Level 25	Point	28.2	
Speakers Level 25	Point	20.8	
Speakers Level 25	Point	20.5	
Speakers Level 25	Point	21.3	
Speakers Level 25	Point	23.9	
Speakers Level 25	Point	24.5	
Speakers Level 25	Point	33.0	
Speakers Level 25	Point	40.7	
Receiver R4 Fl 1.FL Leq,d 45.0 dB(A)			
Speakers Level 04	Point	31.1	
Speakers Level 04	Point	33.6	
Speakers Level 04	Point	34.6	
Speakers Level 04	Point	36.6	
Speakers Level 04	Point	32.8	
Speakers Level 04	Point	31.8	
Speakers Level 04	Point	36.0	
Speakers Level 04	Point	36.3	
Speakers Level 04	Point	35.6	
Speakers Level 04	Point	30.0	

Source	Source type	Leq,d dB(A)	
Speakers Level 04	Point	28.8	
Speakers Level 04	Point	27.6	
Speakers Level 04	Point	21.7	
Speakers Level 04	Point	23.2	
Speakers Level 25	Point	16.7	
Speakers Level 25	Point	12.3	
Speakers Level 25	Point	23.6	
Speakers Level 25	Point	16.8	
Speakers Level 25	Point	11.4	
Speakers Level 25	Point	25.5	
Speakers Level 25	Point	21.9	
Speakers Level 25	Point	21.8	
Speakers Level 25	Point	30.2	
Speakers Level 25	Point	23.7	
Receiver R5 Fl 1.FL Leq,d 49.3 dB(A)			
Speakers Level 04	Point	33.3	
Speakers Level 04	Point	32.0	
Speakers Level 04	Point	28.7	
Speakers Level 04	Point	30.1	
Speakers Level 04	Point	30.4	
Speakers Level 04	Point	31.6	
Speakers Level 04	Point	3.2	
Speakers Level 04	Point	3.7	
Speakers Level 04	Point	36.2	
Speakers Level 04	Point	38.3	
Speakers Level 04	Point	40.6	
Speakers Level 04	Point	44.5	
Speakers Level 04	Point	37.9	
Speakers Level 04	Point	38.8	
Speakers Level 25	Point	28.2	
Speakers Level 25	Point	16.6	
Speakers Level 25	Point	26.9	
Speakers Level 25	Point	26.1	
Speakers Level 25	Point	18.3	
Speakers Level 25	Point	33.3	
Speakers Level 25	Point	32.7	
Speakers Level 25	Point	32.5	
Speakers Level 25	Point	35.9	
Speakers Level 25	Point	30.1	
Receiver R5 Fl 2.FL Leq,d 53.2 dB(A)			

Source	Source type	Leq,d dB(A)	
Speakers Level 04	Point	38.3	
Speakers Level 04	Point	39.6	
Speakers Level 04	Point	29.3	
Speakers Level 04	Point	32.9	
Speakers Level 04	Point	33.1	
Speakers Level 04	Point	34.7	
Speakers Level 04	Point	10.2	
Speakers Level 04	Point	15.2	
Speakers Level 04	Point	43.7	
Speakers Level 04	Point	44.3	
Speakers Level 04	Point	44.8	
Speakers Level 04	Point	45.0	
Speakers Level 04	Point	42.7	
Speakers Level 04	Point	43.5	
Speakers Level 25	Point	32.8	
Speakers Level 25	Point	19.6	
Speakers Level 25	Point	29.7	
Speakers Level 25	Point	30.8	
Speakers Level 25	Point	21.1	
Speakers Level 25	Point	38.7	
Speakers Level 25	Point	38.2	
Speakers Level 25	Point	37.9	
Speakers Level 25	Point	39.3	
Speakers Level 25	Point	33.9	
Receiver R6 Fl 1.FL Leq,d 44.6 dB(A)			
Speakers Level 04	Point	38.5	
Speakers Level 04	Point	31.1	
Speakers Level 04	Point	29.4	
Speakers Level 04	Point	28.5	
Speakers Level 04	Point	28.5	
Speakers Level 04	Point	28.5	
Speakers Level 04	Point	2.7	
Speakers Level 04	Point	2.9	
Speakers Level 04	Point	30.4	
Speakers Level 04	Point	31.2	
Speakers Level 04	Point	28.6	
Speakers Level 04	Point	29.6	
Speakers Level 04	Point	28.2	
Speakers Level 04	Point	33.8	
Speakers Level 25	Point	29.0	
Speakers Level 25	Point	24.0	

Source	Source type	Leq,d dB(A)	
Speakers Level 25	Point	24.0	
Speakers Level 25	Point	28.5	
Speakers Level 25	Point	29.2	
Speakers Level 25	Point	28.9	
Speakers Level 25	Point	25.0	
Speakers Level 25	Point	26.9	
Speakers Level 25	Point	35.8	
Speakers Level 25	Point	32.9	
Receiver R6 Fl 2.FL Leq,d 49.4 dB(A)			
Speakers Level 04	Point	44.4	
Speakers Level 04	Point	37.3	
Speakers Level 04	Point	35.1	
Speakers Level 04	Point	30.0	
Speakers Level 04	Point	30.2	
Speakers Level 04	Point	30.9	
Speakers Level 04	Point	5.9	
Speakers Level 04	Point	8.6	
Speakers Level 04	Point	34.7	
Speakers Level 04	Point	36.0	
Speakers Level 04	Point	34.9	
Speakers Level 04	Point	36.8	
Speakers Level 04	Point	33.4	
Speakers Level 04	Point	41.1	
Speakers Level 25	Point	31.4	
Speakers Level 25	Point	25.4	
Speakers Level 25	Point	25.6	
Speakers Level 25	Point	30.6	
Speakers Level 25	Point	31.7	
Speakers Level 25	Point	31.3	
Speakers Level 25	Point	26.7	
Speakers Level 25	Point	28.7	
Speakers Level 25	Point	37.8	
Speakers Level 25	Point	35.5	
Receiver R7 Fl 1.FL Leq,d 42.2 dB(A)			
Speakers Level 04	Point	18.4	
Speakers Level 04	Point	25.0	
Speakers Level 04	Point	22.9	
Speakers Level 04	Point	17.1	
Speakers Level 04	Point	17.0	
Speakers Level 04	Point	10.7	

Source	Source type	Leq,d dB(A)	
Speakers Level 04	Point	8.6	
Speakers Level 04	Point	7.2	
Speakers Level 04	Point	9.1	
Speakers Level 04	Point	9.8	
Speakers Level 04	Point	10.6	
Speakers Level 04	Point	11.7	
Speakers Level 04	Point	35.5	
Speakers Level 04	Point	30.0	
Speakers Level 25	Point	30.1	
Speakers Level 25	Point	26.3	
Speakers Level 25	Point	20.1	
Speakers Level 25	Point	29.4	
Speakers Level 25	Point	29.7	
Speakers Level 25	Point	24.3	
Speakers Level 25	Point	20.5	
Speakers Level 25	Point	20.3	
Speakers Level 25	Point	37.1	
Speakers Level 25	Point	33.7	

AES
ACOUSTICAL ENGINEERING SERVICES

Off-Site Traffic Noise Calculations
Project: 1520 Cahuenga Project

Traffic Distribution as % of ADT				
Vehicle Type	**Day**	**Eve**	**Night**	**Sub total**
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to ADT factor 10%

EXISTING CONDITIONS

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Ivar Avenue										
- Between Hollywood Blvd. and Selma Ave.	45	10	32.5	25	414	4,140	10%	0	0	66.0
- Between Selma Ave. and Sunset Blvd.	45	10	32.5	25	484	4,840	10%	0	0	66.7
- Between Sunset Blvd. and De Longpre Ave.	45	10	32.5	25	358	3,580	10%	0	0	65.4
Selma Avenue										
- Between Cahuenga Blvd. and Ivar Ave.	45	10	32.5	25	311	3,110	10%	0	0	64.8
- Between Ivar Ave. and Vine Street	45	10	32.5	25	338	3,380	10%	0	0	65.1
Sunset Boulevard										
- Between Cahuenga Blvd. and Ivar Ave.	70	10	45	35	2,598	25,980	10%	0	0	72.4
- Between Ivar Ave. and Vine Street	70	10	45	35	2,603	26,030	10%	0	0	72.4

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Date Printed: 5/5/2021

AES
ACOUSTICAL ENGINEERING SERVICES

Off-Site Traffic Noise Calculations
Project: 1520 Cahuenga Project

Traffic Distribution as % of ADT				
Vehicle Type	**Day**	**Eve**	**Night**	**Sub total**
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to ADT factor 10%

EXISTING + PROJECT CONDITIONS

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Ivar Avenue										
- Between Hollywood Blvd. and Selma Ave.	45	10	32.5	25	431	4,310	10%	0	0	66.2
- Between Selma Ave. and Sunset Blvd.	45	10	32.5	25	541	5,410	10%	0	0	67.2
- Between Sunset Blvd. and De Longpre Ave.	45	10	32.5	25	358	3,580	10%	0	0	65.4
Selma Avenue										
- Between Cahuenga Blvd. and Ivar Ave.	45	10	32.5	25	300	3,000	10%	0	0	64.6
- Between Ivar Ave. and Vine Street	45	10	32.5	25	362	3,620	10%	0	0	65.4
Sunset Boulevard										
- Between Cahuenga Blvd. and Ivar Ave.	70	10	45	35	2,626	26,260	10%	0	0	72.4
- Between Ivar Ave. and Vine Street	70	10	45	35	2,633	26,330	10%	0	0	72.5

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

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AES
ACOUSTICAL ENGINEERING SERVICES

Off-Site Traffic Noise Calculations
Project: 1520 Cahuenga Project

Traffic Distribution as % of ADT				
Vehicle Type	**Day**	**Eve**	**Night**	**Sub total**
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to ADT factor 10%

FUTURE NO PROJECT CONDITIONS

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Ivar Avenue										
- Between Hollywood Blvd. and Selma Ave.	45	10	32.5	25	963	9,630	10%	0	0	69.7
- Between Selma Ave. and Sunset Blvd.	45	10	32.5	25	775	7,750	10%	0	0	68.7
- Between Sunset Blvd. and De Longpre Ave.	45	10	32.5	25	376	3,760	10%	0	0	65.6
Selma Avenue										
- Between Cahuenga Blvd. and Ivar Ave.	45	10	32.5	25	653	6,530	10%	0	0	68.0
- Between Ivar Ave. and Vine Street	45	10	32.5	25	594	5,940	10%	0	0	67.6
Sunset Boulevard										
- Between Cahuenga Blvd. and Ivar Ave.	70	10	45	35	3,593	35,930	10%	0	0	73.8
- Between Ivar Ave. and Vine Street	70	10	45	35	3,332	33,320	10%	0	0	73.5

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

Date Printed: 5/5/2021

AES
ACOUSTICAL ENGINEERING SERVICES

Off-Site Traffic Noise Calculations
Project: 1520 Cahuenga Project

Traffic Distribution as % of ADT				
Vehicle Type	**Day**	**Eve**	**Night**	**Sub total**
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

PHV to ADT factor 10%

FUTURE + PROJECT CONDITIONS

Roadway Segment	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume PHV	Traffic Volume ADT	PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Ivar Avenue										
- Between Hollywood Blvd. and Selma Ave.	45	10	32.5	25	980	9,800	10%	0	0	69.8
- Between Selma Ave. and Sunset Blvd.	45	10	32.5	25	831	8,310	10%	0	0	69.1
- Between Sunset Blvd. and De Longpre Ave.	45	10	32.5	25	376	3,760	10%	0	0	65.6
Selma Avenue										
- Between Cahuenga Blvd. and Ivar Ave.	45	10	32.5	25	643	6,430	10%	0	0	67.9
- Between Ivar Ave. and Vine Street	45	10	32.5	25	617	6,170	10%	0	0	67.8
Sunset Boulevard										
- Between Cahuenga Blvd. and Ivar Ave.	70	10	45	35	3,621	36,210	10%	0	0	73.8
- Between Ivar Ave. and Vine Street	70	10	45	35	3,361	33,610	10%	0	0	73.5

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

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