

Appendix E2 Noise Data (Sylmar)

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 01 - Sylmar
 Note1: South side Carol Lane, west of Yarnell St (SFR)
 Note2: Traffic on Carol, Traffic on 210
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 10:47:55
 Elapsed Time: 00:15:00.0
 Leq: 53.8 dBA
 SEL: 83.4 dBA
 Dose: 0.00 %
 Proj. Dose: 0.00 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 10:47:55
 Elapsed Time: 00:15:00.0
 Leq: 53.8 dBA
 SEL: 83.4 dBA
 Dose: 0.00 %
 Proj. Dose: 0.00 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 46.8 dBA 01-May-2012 10:59:16
 Max: 70.8 dBA 01-May-2012 11:01:38
 Peak-1: 96.2 dBF 01-May-2012 10:53:20
 Peak-2: 96.0 dBA 01-May-2012 10:53:20

Min: 46.8 dBA 01-May-2012 10:59:16
 Max: 70.8 dBA 01-May-2012 11:01:38
 Peak-1: 96.2 dBF 01-May-2012 10:53:20
 Peak-2: 96.0 dBA 01-May-2012 10:53:20

L 1.67 65.1 dBA L 50.00 48.9 dBA
 L 8.33 54.7 dBA L 66.67 48.5 dBA
 L 33.33 49.7 dBA L 90.00 47.7 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 87% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 02 - Syl
 Note1: South Side of Foothill Blvd, btween Glennoaks and Roxford (SFR)
 Note2: Traffic on 210 and Foothill
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 11:13:41
 Elapsed Time: 00:15:00.0
 Leq: 69.9 dBA
 SEL: 99.5 dBA
 Dose: 0.00 %
 Proj. Dose: 0.98 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 11:13:41
 Elapsed Time: 00:15:00.0
 Leq: 69.9 dBA
 SEL: 99.5 dBA
 Dose: 0.00 %
 Proj. Dose: 0.98 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 58.2 dBA 01-May-2012 11:25:23
 Max: 84.3 dBA 01-May-2012 11:15:39
 Peak-1: 108.6 dBF 01-May-2012 11:14:28
 Peak-2: 103.4 dBA 01-May-2012 11:14:28

Min: 58.2 dBA 01-May-2012 11:25:23
 Max: 84.3 dBA 01-May-2012 11:15:39
 Peak-1: 108.6 dBF 01-May-2012 11:14:28
 Peak-2: 103.4 dBA 01-May-2012 11:14:28

L 1.67 75.8 dBA L 50.00 68.1 dBA
 L 8.33 72.8 dBA L 66.67 66.8 dBA
 L 33.33 69.7 dBA L 90.00 64.5 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 83% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 03 - Syl
 Note1: East side of Cranston Ave, South of Harding St (SFR)
 Note2: Traffic on Cranston
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 11:42:44
 Elapsed Time: 00:15:00.0
 Leq: 53.9 dBA
 SEL: 83.4 dBA
 Dose: 0.00 %
 Proj. Dose: 0.00 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 11:42:44
 Elapsed Time: 00:15:00.0
 Leq: 53.9 dBA
 SEL: 83.4 dBA
 Dose: 0.00 %
 Proj. Dose: 0.00 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 46.0 dBA 01-May-2012 11:57:35
 Max: 68.0 dBA 01-May-2012 11:57:10
 Peak-1: 101.7 dBF 01-May-2012 11:43:09
 Peak-2: 98.8 dBA 01-May-2012 11:43:29

Min: 46.0 dBA 01-May-2012 11:57:35
 Max: 68.0 dBA 01-May-2012 11:57:10
 Peak-1: 101.7 dBF 01-May-2012 11:43:09
 Peak-2: 98.8 dBA 01-May-2012 11:43:29

L 1.67 63.6 dBA L 50.00 49.3 dBA
 L 8.33 57.9 dBA L 66.67 48.3 dBA
 L 33.33 51.1 dBA L 90.00 47.1 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 83% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 04 - Syl
 Note1: West side of Adelphia Ave, south of Maclay St. (SFR)
 Note2: Traffic on Adelphia and 210
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 12:05:42
 Elapsed Time: 00:15:00.0
 Leq: 56.9 dBA
 SEL: 86.5 dBA
 Dose: 0.00 %
 Proj. Dose: 0.00 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 12:05:42
 Elapsed Time: 00:15:00.0
 Leq: 56.9 dBA
 SEL: 86.5 dBA
 Dose: 0.00 %
 Proj. Dose: 0.00 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 50.8 dBA 01-May-2012 12:07:53
 Max: 71.0 dBA 01-May-2012 12:17:04
 Peak-1: 105.7 dBF 01-May-2012 12:10:52
 Peak-2: 105.6 dBA 01-May-2012 12:10:52

Min: 50.8 dBA 01-May-2012 12:07:53
 Max: 71.0 dBA 01-May-2012 12:17:04
 Peak-1: 105.7 dBF 01-May-2012 12:10:52
 Peak-2: 105.6 dBA 01-May-2012 12:10:52

L 1.67 64.4 dBA L 50.00 54.7 dBA
 L 8.33 60.1 dBA L 66.67 54.1 dBA
 L 33.33 55.6 dBA L 90.00 52.8 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 82% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 05 - Syl
 Note1: South side of Beaver Street, west of Wheeler Ave (SFR)
 Note2: Traffic on Beaver St and Gladstone Ave
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 12:31:43
 Elapsed Time: 00:15:00.0
 Leq: 59.5 dBA
 SEL: 89.0 dBA
 Dose: 0.00 %
 Proj. Dose: 0.08 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 12:31:43
 Elapsed Time: 00:15:00.0
 Leq: 59.5 dBA
 SEL: 89.0 dBA
 Dose: 0.00 %
 Proj. Dose: 0.08 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 45.4 dBA 01-May-2012 12:32:02
 Max: 77.2 dBA 01-May-2012 12:34:00
 Peak-1: 95.6 dBF 01-May-2012 12:32:43
 Peak-2: 91.5 dBA 01-May-2012 12:35:07

Min: 45.4 dBA 01-May-2012 12:32:02
 Max: 77.2 dBA 01-May-2012 12:34:00
 Peak-1: 95.6 dBF 01-May-2012 12:32:43
 Peak-2: 91.5 dBA 01-May-2012 12:35:07

L 1.67	70.5 dBA	L 50.00	49.4 dBA
L 8.33	64.2 dBA	L 66.67	48.6 dBA
L 33.33	51.0 dBA	L 90.00	47.5 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 83% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 06 - Syl
 Note1: Westside of San Fernando Rd, btwn Tyler St. and El Casco (MFR)
 Note2: Traffic on San Fernando Road (secondary Maintenance Yard)
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 13:29:37
 Elapsed Time: 00:15:00.0
 Leq: 70.8 dBA
 SEL: 100.4 dBA
 Dose: 0.00 %
 Proj. Dose: 1.20 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 13:29:37
 Elapsed Time: 00:15:00.0
 Leq: 70.8 dBA
 SEL: 100.4 dBA
 Dose: 0.00 %
 Proj. Dose: 1.20 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 53.5 dBA 01-May-2012 13:44:24
 Max: 84.6 dBA 01-May-2012 13:33:37
 Peak-1: 108.8 dBF 01-May-2012 13:33:36
 Peak-2: 98.2 dBA 01-May-2012 13:30:08

Min: 53.5 dBA 01-May-2012 13:44:24
 Max: 84.6 dBA 01-May-2012 13:33:37
 Peak-1: 108.8 dBF 01-May-2012 13:33:36
 Peak-2: 98.2 dBA 01-May-2012 13:30:08

L 1.67 78.0 dBA L 50.00 67.8 dBA
 L 8.33 74.7 dBA L 66.67 64.9 dBA
 L 33.33 70.2 dBA L 90.00 60.2 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 82% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 07 - Syl
 Note1: South side of Cobalt St, btwn Merrich and Glennoaks (SFR)
 Note2: Traffic on Colbalt
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 14:03:25
 Elapsed Time: 00:15:00.0
 Leq: 62.0 dBA
 SEL: 91.5 dBA
 Dose: 0.00 %
 Proj. Dose: 0.15 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 14:03:25
 Elapsed Time: 00:15:00.0
 Leq: 62.0 dBA
 SEL: 91.5 dBA
 Dose: 0.00 %
 Proj. Dose: 0.15 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 44.5 dBA 01-May-2012 14:06:47
 Max: 76.3 dBA 01-May-2012 14:08:01
 Peak-1: 98.8 dBF 01-May-2012 14:08:01
 Peak-2: 91.8 dBA 01-May-2012 14:08:01

Min: 44.5 dBA 01-May-2012 14:06:47
 Max: 76.3 dBA 01-May-2012 14:08:01
 Peak-1: 98.8 dBF 01-May-2012 14:08:01
 Peak-2: 91.8 dBA 01-May-2012 14:08:01

L 1.67 70.4 dBA L 50.00 54.8 dBA
 L 8.33 67.2 dBA L 66.67 51.3 dBA
 L 33.33 60.0 dBA L 90.00 47.8 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 81% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018655 Granada Hills-Sylmar NCP EIR\Data (Sylmar)\Noise\Location C
 Model/Serial Number: 814 / A0174
 Firmware/Software Revs: 1.026 / 1.07
 Name: PBS&J/EIP
 Descr1: 12301 Wilshire Blvd., Ste. 430
 Descr2: Los Angeles, CA 90025
 Setup/Setup Descr: 15minute.slm / 15 Minute
 Location: Location 08 - Syl
 Note1: South Side of Larkspur St, west of Telfair Ave (SFR)
 Note2: Traffic on Larkspur
 Octave Filters: None

Overall Measurement

Start Time: 01-May-2012 14:30:21
 Elapsed Time: 00:15:00.0
 Leq: 59.7 dBA
 SEL: 89.3 dBA
 Dose: 0.00 %
 Proj. Dose: 0.09 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Current Measurement

Start Time: 01-May-2012 14:30:21
 Elapsed Time: 00:15:00.0
 Leq: 59.7 dBA
 SEL: 89.3 dBA
 Dose: 0.00 %
 Proj. Dose: 0.09 %
 Threshold: 0 dB
 Criterion: 90 dB
 Exchange Rate: 3 dB

Min: 49.9 dBA 01-May-2012 14:30:51
 Max: 76.2 dBA 01-May-2012 14:39:49
 Peak-1: 95.8 dBF 01-May-2012 14:37:51
 Peak-2: 91.8 dBA 01-May-2012 14:45:18

Min: 49.9 dBA 01-May-2012 14:30:51
 Max: 76.2 dBA 01-May-2012 14:39:49
 Peak-1: 95.8 dBF 01-May-2012 14:37:51
 Peak-2: 91.8 dBA 01-May-2012 14:45:18

L 1.67 71.2 dBA L 50.00 53.1 dBA
 L 8.33 61.9 dBA L 66.67 52.5 dBA
 L 33.33 54.0 dBA L 90.00 51.3 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times
 SPL Exceedance level 2: 120 Exceeded: 0 times
 Peak-1 Exceedance Level: 140 Exceeded: 0 times
 Peak-2 Exceedance Level: 140 Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Calibrated: 01-Jan-2001 11:56:00
 Checked: 01-May-2012 10:46:15
 Calibrator LD 0504
 Cal Records Count: 0

Offset: 8.8 dB
 Level: 113.70 dB
 Level: 114.0 dB

Interval Records: Enabled
 History Records: Disabled

Number Interval Records: 1
 Number History Records: 18

814 Memory: 524288 bytes
 Free Memory: 361567 bytes 68.96% free

Battery Level: 82% Source: INT

TRAFFIC NOISE LEVELS

Project Number: 100018655
Project Name: Granada Hills/Sylmar NCP

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Analysis Scenario(s): 2030 No Project - Sylmar
 Source of Traffic Volumes: Iteris
 Community Noise Descriptor: L_{dn} : _____ CNEL: X

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

Traffic Noise Levels

Analysis Condition	Land Use	Lanes	Median Width	Peak Hour Volume	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor ¹	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour L_{eq} dB(A)	24-Hour CNEL dB(A)
Analysis Condition													
Harding Street													
Cranston Avenue to Maclay Street	Residential	2	0	0	994	35	100	0	0	1.8%	0.7%	0.0	51.7
Hubbard Street													
Kismet Avenue to Lexicon Avenue	Residential	4	0	0	21,079	40	100	0	0	1.8%	0.7%	0.0	66.5
Gladstone Avenue to Wheeler Avenue	Residential	4	15	0	18,769	40	100	0	0	1.8%	0.7%	0.0	66.1
Foothill Boulevard to Gladstone Aven	Commercial	4	15	0	34,306	40	100	0	0	1.8%	0.7%	0.0	68.7
Maclay Street													
Foothill Boulevard to Gladstone Aven	Residential	2	15	0	17,165	30	100	0	0	1.8%	0.7%	0.0	62.8
Arroyo Street													
Foothill Boulevard to Gladstone Aven	Residential	2	0	0	9,085	35	100	0	0	1.8%	0.7%	0.0	61.3
Polk Street													
Fenton Avenue to Eldrige Avene	Residential	4	0	0	12,952	35	100	0	0	1.8%	0.7%	0.0	62.9
De Garmo Avenue to Borden Avenue	Residential	4	15	0	27,782	40	100	0	0	1.8%	0.7%	0.0	67.8
Borden Avenue to Foothill Boulevard	Residential	4	15	0	18,015	40	100	0	0	1.8%	0.7%	0.0	65.9
Roxford Street													
Glenoaks Boulevard to Fellows Avenu	Residential	2	15	0	6,344	35	100	0	0	1.8%	0.7%	0.0	59.8
Bradley Avenue to Herrick Avenue	Residential	2	15	0	14,484	35	100	0	0	1.8%	0.7%	0.0	63.4
Cobalt Street													
Bradely Avenue to Foothill Boulevard	Residential	2	0	0	3,603	35	100	0	0	1.8%	0.7%	0.0	57.3
Astoria													
Ralston Avenue to Bradley Avenue	Residential	2	0	0	551	35	100	0	0	1.8%	0.7%	0.0	49.1
San Fernando Road													
Polk Street to Astoria Street	Residential	4	15	0	28,824	40	100	0	0	1.8%	0.7%	0.0	67.9
Bledso Street to Tyler Street	Residential	4	15	0	22,528	40	100	0	0	1.8%	0.7%	0.0	66.8
Roxford Street to Larkspur Avenue	Residential	4	15	0	22,312	40	100	0	0	1.8%	0.7%	0.0	66.8
Foothill Boulevard													
Yarnell Street to Filbert Street	Residential	2	15	0	21,738	35	100	0	0	1.8%	0.7%	0.0	65.1
Yarnell Street to Balboa Boulevard	Residential	4	15	0	23,222	30	100	0	0	1.8%	0.7%	0.0	64.2

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

TRAFFIC NOISE LEVELS

Project Number: 100018655
 Project Name: Granada Hills/Sylmar NCP

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Analysis Scenario(s): 2030 With Project - Sylmar
 Source of Traffic Volumes: Iteris
 Community Noise Descriptor: L_{dn}: _____ CNEL: X

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

Traffic Noise Levels

Analysis Condition	Land Use	Lanes	Median Width	Peak Hour Volume	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor ¹	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour L _{eq} dB(A)	24-Hour CNEL dB(A)
Analysis Condition													
Harding Street													
Cranston Avenue to Maclay Street	Residential	2	0	0	551	35	100	0	0	1.8%	0.7%	0.0	49.1
Hubbard Street													
Kismet Avenue to Lexicon Avenue	Residential	4	0	0	16,794	40	100	0	0	1.8%	0.7%	0.0	65.5
Gladstone Avenue to Wheeler Avenue	Residential	4	15	0	15,046	40	100	0	0	1.8%	0.7%	0.0	65.1
Foothill Boulevard to Gladstone Aven	Commercial	4	15	0	29,003	40	100	0	0	1.8%	0.7%	0.0	67.9
Maclay Street													
Foothill Boulevard to Gladstone Aven	Residential	2	15	0	14,855	30	100	0	0	1.8%	0.7%	0.0	62.2
Arroyo Street													
Foothill Boulevard to Gladstone Aven	Residential	2	0	0	6,787	35	100	0	0	1.8%	0.7%	0.0	60.1
Polk Street													
Fenton Avenue to Eldrige Avene	Residential	4	0	0	10,210	35	100	0	0	1.8%	0.7%	0.0	61.9
De Garmo Avenue to Borden Avenue	Residential	4	15	0	24,275	40	100	0	0	1.8%	0.7%	0.0	67.2
Borden Avenue to Foothill Boulevard	Residential	4	15	0	18,374	40	100	0	0	1.8%	0.7%	0.0	66.0
Roxford Street													
Glenoaks Boulevard to Fellows Avenu	Residential	2	15	0	5,351	35	100	0	0	1.8%	0.7%	0.0	59.1
Bradley Avenue to Herrick Avenue	Residential	2	15	0	14,508	35	100	0	0	1.8%	0.7%	0.0	63.4
Cobalt Street													
Bradely Avenue to Foothill Boulevard	Residential	2	0	0	2,418	35	100	0	0	1.8%	0.7%	0.0	55.6
Astoria													
Ralston Avenue to Bradley Avenue	Residential	2	0	0	1,149	35	100	0	0	1.8%	0.7%	0.0	52.3
San Fernando Road													
Polk Street to Astoria Street	Residential	4	15	0	26,178	40	100	0	0	1.8%	0.7%	0.0	67.5
Bledso Street to Tyler Street	Residential	4	15	0	22,899	40	100	0	0	1.8%	0.7%	0.0	66.9
Roxford Street to Larkspur Avenue	Residential	4	15	0	22,312	40	100	0	0	1.8%	0.7%	0.0	66.8
Foothill Boulevard													
Yarnell Street to Filbert Street	Residential	2	15	0	20,002	35	100	0	0	1.8%	0.7%	0.0	64.8
Yarnell Street to Balboa Boulevard	Residential	4	15	0	20,780	30	100	0	0	1.8%	0.7%	0.0	63.8

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

TRAFFIC NOISE LEVELS

Project Number: 100018655
Project Name: Granada Hills/Sylmar NCP

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
 Analysis Scenario(s): Existing - Sylmar
 Source of Traffic Volumes: Iteris
 Community Noise Descriptor: L_{dn} : _____ CNEL: X

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

Traffic Noise Levels

Analysis Condition	Land Use	Lanes	Median Width	Peak Hour Volume	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor ¹	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour L_{eq} dB(A)	24-Hour CNEL dB(A)
Analysis Condition													
Harding Street													
Cranston Avenue to Maclay Street	Residential	2	0	0	3,998	35	100	0	0	1.8%	0.7%	0.0	57.8
Hubbard Street													
Kismet Avenue to Lexicon Avenue	Residential	4	0	0	16,878	40	100	0	0	1.8%	0.7%	0.0	65.5
Gladstone Avenue to Wheeler Avenue	Residential	4	15	0	16,160	40	100	0	0	1.8%	0.7%	0.0	65.4
Foothill Boulevard to Gladstone Aven	Commercial	4	15	0	29,135	40	100	0	0	1.8%	0.7%	0.0	68.0
Maclay Street													
Foothill Boulevard to Gladstone Aven	Residential	2	15	0	12,497	30	100	0	0	1.8%	0.7%	0.0	61.4
Arroyo Street													
Foothill Boulevard to Gladstone Aven	Residential	2	0	0	6,237	35	100	0	0	1.8%	0.7%	0.0	59.7
Polk Street													
Fenton Avenue to Eldrige Avenel	Residential	4	0	0	12,341	35	100	0	0	1.8%	0.7%	0.0	62.7
De Garmo Avenue to Borden Avenue	Residential	4	15	0	12,485	40	100	0	0	1.8%	0.7%	0.0	64.3
Borden Avenue to Foothill Boulevard	Residential	4	15	0	12,090	40	100	0	0	1.8%	0.7%	0.0	64.1
Roxford Street													
Glenoaks Boulevard to Fellows Avenu	Residential	2	15	0	2,921	35	100	0	0	1.8%	0.7%	0.0	56.4
Bradley Avenue to Herrick Avenue	Residential	2	15	0	12,533	35	100	0	0	1.8%	0.7%	0.0	62.7
Cobalt Street													
Bradley Avenue to Foothill Boulevard	Residential	2	0	0	4,764	35	100	0	0	1.8%	0.7%	0.0	58.5
Astoria													
Ralston Avenue to Bradley Avenue	Residential	2	0	0	241	35	100	0	0	1.8%	0.7%	0.0	45.6
San Fernando Road													
Polk Street to Astoria Street	Residential	4	15	0	12,796	40	100	0	0	1.8%	0.7%	0.0	64.4
Bledsoe Street to Tyler Street	Residential	4	15	0	5,398	40	100	0	0	1.8%	0.7%	0.0	60.6
Roxford Street to Larkspur Avenue	Residential	4	15	0	6,883	40	100	0	0	1.8%	0.7%	0.0	61.7
Foothill Boulevard													
Yarnell Street to Filbert Street	Residential	2	15	0	5,841	35	100	0	0	1.8%	0.7%	0.0	59.4
Yarnell Street to Balboa Boulevard	Residential	4	15	0	6,967	30	100	0	0	1.8%	0.7%	0.0	59.0

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

