

---

---

**Appendix H   Noise Monitoring Data—Sound Level  
Meter Summary**

---

---



File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 01.slm.dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Intersection of Bake Pkwy/Trabuco  
 Note1: Primary Source: Traffic/Heavy Trucks  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 13:27:57  
 Elapsed Time: 00:15:00.0  
 Leq: 73.9 dBA  
 SEL: 103.4 dBA  
 Dose: 0.07 %  
 Proj. Dose: 2.42 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 13:27:57  
 Elapsed Time: 00:15:00.0  
 Leq: 73.9 dBA  
 SEL: 103.4 dBA  
 Dose: 0.07 %  
 Proj. Dose: 2.42 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 60.4 dBA 30-Nov-2004 13:31:42  
 Max: 89.9 dBA 30-Nov-2004 13:31:10  
 Peak-1: 112.8 dBF 30-Nov-2004 13:31:10  
 Peak-2: 103.8 dBA 30-Nov-2004 13:34:36

Min: 60.4 dBA 30-Nov-2004 13:31:42  
 Max: 89.9 dBA 30-Nov-2004 13:31:10  
 Peak-1: 112.8 dBF 30-Nov-2004 13:31:10  
 Peak-2: 103.8 dBA 30-Nov-2004 13:34:36

L 1.67 81.3 dBA L 50.00 71.5 dBA  
 L 8.33 76.9 dBA L 66.67 70.1 dBA  
 L 33.33 72.9 dBA L 90.00 66.1 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 1

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 96% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 02.slm\dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Intersection of Bake Pkwy/Calle Entrada  
 Note1: Primary Source: Traffic/Heavy Trucks  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 14:05:53  
 Elapsed Time: 00:20:01.7  
 Leq: 74.7 dBA  
 SEL: 105.5 dBA  
 Dose: 0.12 %  
 Proj. Dose: 2.97 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 14:17:43  
 Elapsed Time: 00:15:00.0  
 Leq: 75.0 dBA  
 SEL: 104.5 dBA  
 Dose: 0.09 %  
 Proj. Dose: 3.14 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 50.0 dBA 30-Nov-2004 14:28:52  
 Max: 85.4 dBA 30-Nov-2004 14:18:13  
 Peak-1: 106.7 dBF 30-Nov-2004 14:21:44  
 Peak-2: 100.3 dBA 30-Nov-2004 14:30:56

Min: 50.0 dBA 30-Nov-2004 14:28:52  
 Max: 85.4 dBA 30-Nov-2004 14:18:13  
 Peak-1: 106.7 dBF 30-Nov-2004 14:21:44  
 Peak-2: 100.3 dBA 30-Nov-2004 14:30:56

L 1.67 81.5 dBA L 50.00 71.7 dBA  
 L 8.33 79.4 dBA L 66.67 68.6 dBA  
 L 33.33 74.7 dBA L 90.00 61.2 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: 1 times for 00:06:45.0

Calibrated: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 2  
 Number History Records: 28

814 Memory: 524288 bytes  
 Free Memory: 418052 bytes 79.74% free

Battery Level: 96% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 03.slm.dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Intersection of Bake Pkwy/Toledo  
 Note1: Primary Source: Traffic/Heavy Trucks  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 14:39:10  
 Elapsed Time: 00:15:00.0  
 Leq: 73.7 dBA  
 SEL: 103.3 dBA  
 Dose: 0.07 %  
 Proj. Dose: 2.35 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 14:39:10  
 Elapsed Time: 00:15:00.0  
 Leq: 73.7 dBA  
 SEL: 103.3 dBA  
 Dose: 0.07 %  
 Proj. Dose: 2.35 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 54.4 dBA 30-Nov-2004 14:48:43  
 Max: 91.3 dBA 30-Nov-2004 14:49:24  
 Peak-1: 113.3 dBF 30-Nov-2004 14:39:23  
 Peak-2: 109.6 dBA 30-Nov-2004 14:39:25

Min: 54.4 dBA 30-Nov-2004 14:48:43  
 Max: 91.3 dBA 30-Nov-2004 14:49:24  
 Peak-1: 113.3 dBF 30-Nov-2004 14:39:23  
 Peak-2: 109.6 dBA 30-Nov-2004 14:39:25

L 1.67 81.0 dBA L 50.00 70.5 dBA  
 L 8.33 77.4 dBA L 66.67 68.0 dBA  
 L 33.33 73.0 dBA L 90.00 62.4 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 96% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 04.slm\dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Intersection of Bake Pkwy/Jeronimo  
 Note1: Primary Source: Traffic/Heavy Trucks  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 15:00:47  
 Elapsed Time: 00:15:00.0  
 Leq: 74.4 dBA  
 SEL: 103.9 dBA  
 Dose: 0.08 %  
 Proj. Dose: 2.74 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 15:00:47  
 Elapsed Time: 00:15:00.0  
 Leq: 74.4 dBA  
 SEL: 103.9 dBA  
 Dose: 0.08 %  
 Proj. Dose: 2.74 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 57.4 dBA 30-Nov-2004 15:11:00  
 Max: 86.0 dBA 30-Nov-2004 15:04:11  
 Peak-1: 111.2 dBF 30-Nov-2004 15:15:34  
 Peak-2: 102.6 dBA 30-Nov-2004 15:04:59

Min: 57.4 dBA 30-Nov-2004 15:11:00  
 Max: 86.0 dBA 30-Nov-2004 15:04:11  
 Peak-1: 111.2 dBF 30-Nov-2004 15:15:34  
 Peak-2: 102.6 dBA 30-Nov-2004 15:04:59

L 1.67 81.5 dBA L 50.00 70.8 dBA  
 L 8.33 78.7 dBA L 66.67 67.7 dBA  
 L 33.33 74.0 dBA L 90.00 62.1 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 96% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 05.slm\dl  
Model/Serial Number: 814 / A0174  
Firmware/Software Revs: 1.026 / 1.07  
Name: EIP Associates  
Descr1: 12301 Wilshire Blvd. Suite 430  
Descr2: Los Angeles, CA 90025  
Setup/Setup Descr: 15minute.slm / 15 Minute  
Location: Serrano Intermediate School (Jeronimo)  
Note1: Primary Source: Traffic  
Note2:  
Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 15:27:58  
Elapsed Time: 00:15:00.0  
Leq: 72.2 dBA  
SEL: 101.8 dBA  
Dose: 0.00 %  
Proj. Dose: 1.67 %  
Threshold: 0 dB  
Criterion: 90 dB  
Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 15:27:58  
Elapsed Time: 00:15:00.0  
Leq: 72.2 dBA  
SEL: 101.8 dBA  
Dose: 0.00 %  
Proj. Dose: 1.67 %  
Threshold: 0 dB  
Criterion: 90 dB  
Exchange Rate: 3 dB

Min: 48.7 dBA 30-Nov-2004 15:29:34  
Max: 84.1 dBA 30-Nov-2004 15:30:27  
Peak-1: 107.0 dBF 30-Nov-2004 15:28:37  
Peak-2: 106.0 dBA 30-Nov-2004 15:28:37

Min: 48.7 dBA 30-Nov-2004 15:29:34  
Max: 84.1 dBA 30-Nov-2004 15:30:27  
Peak-1: 107.0 dBF 30-Nov-2004 15:28:37  
Peak-2: 106.0 dBA 30-Nov-2004 15:28:37

L 1.67	79.1 dBA	L 50.00	69.9 dBA
L 8.33	76.5 dBA	L 66.67	67.1 dBA
L 33.33	72.0 dBA	L 90.00	60.4 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: 11-Aug-2004 12:42:52  
Checked: 30-Nov-2004 13:22:01  
Calibrator LD 0504  
Cal Records Count: 0

Offset: 9.0 dB  
Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 95% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 06.slm\dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Trabuco Hills High School (Los Alisos/Mustang Run)  
 Note1: Primary Source: Traffic  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 16:20:24  
 Elapsed Time: 00:15:00.0  
 Leq: 67.6 dBA  
 SEL: 97.2 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.58 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 16:20:24  
 Elapsed Time: 00:15:00.0  
 Leq: 67.6 dBA  
 SEL: 97.2 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.58 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 55.0 dBA 30-Nov-2004 16:33:48  
 Max: 82.3 dBA 30-Nov-2004 16:26:10  
 Peak-1: 109.1 dBF 30-Nov-2004 16:32:54  
 Peak-2: 110.3 dBA 30-Nov-2004 16:32:54

Min: 55.0 dBA 30-Nov-2004 16:33:48  
 Max: 82.3 dBA 30-Nov-2004 16:26:10  
 Peak-1: 109.1 dBF 30-Nov-2004 16:32:54  
 Peak-2: 110.3 dBA 30-Nov-2004 16:32:54

L 1.67 75.4 dBA L 50.00 64.7 dBA  
 L 8.33 71.1 dBA L 66.67 62.8 dBA  
 L 33.33 66.6 dBA L 90.00 59.9 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 95% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 07.slm\dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Normandale Heights (Normandale/Countryside)  
 Note1: Primary Source: Traffic  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 16:57:28  
 Elapsed Time: 00:15:00.0  
 Leq: 64.8 dBA  
 SEL: 94.4 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.30 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 16:57:28  
 Elapsed Time: 00:15:00.0  
 Leq: 64.8 dBA  
 SEL: 94.4 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.30 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 39.9 dBA 30-Nov-2004 16:58:18  
 Max: 75.2 dBA 30-Nov-2004 17:12:28  
 Peak-1: 98.7 dBF 30-Nov-2004 17:12:27  
 Peak-2: 91.7 dBA 30-Nov-2004 17:02:14

Min: 39.9 dBA 30-Nov-2004 16:58:18  
 Max: 75.2 dBA 30-Nov-2004 17:12:28  
 Peak-1: 98.7 dBF 30-Nov-2004 17:12:27  
 Peak-2: 91.7 dBA 30-Nov-2004 17:02:14

L 1.67 72.1 dBA L 50.00 60.8 dBA  
 L 8.33 69.6 dBA L 66.67 56.6 dBA  
 L 33.33 64.7 dBA L 90.00 48.6 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 95% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 08.slm\dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Intersection of Trabuco/Lake Forest  
 Note1: Primary Source: Traffic/Heavy Trucks  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 17:20:31  
 Elapsed Time: 00:15:00.0  
 Leq: 73.1 dBA  
 SEL: 102.6 dBA  
 Dose: 0.06 %  
 Proj. Dose: 2.04 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 17:20:31  
 Elapsed Time: 00:15:00.0  
 Leq: 73.1 dBA  
 SEL: 102.6 dBA  
 Dose: 0.06 %  
 Proj. Dose: 2.04 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 60.8 dBA 30-Nov-2004 17:25:22  
 Max: 89.3 dBA 30-Nov-2004 17:30:19  
 Peak-1: 111.6 dBF 30-Nov-2004 17:30:19  
 Peak-2: 106.0 dBA 30-Nov-2004 17:30:19

Min: 60.8 dBA 30-Nov-2004 17:25:22  
 Max: 89.3 dBA 30-Nov-2004 17:30:19  
 Peak-1: 111.6 dBF 30-Nov-2004 17:30:19  
 Peak-2: 106.0 dBA 30-Nov-2004 17:30:19

L 1.67 79.3 dBA L 50.00 71.2 dBA  
 L 8.33 76.3 dBA L 66.67 69.0 dBA  
 L 33.33 73.1 dBA L 90.00 65.2 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 95% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 09.slm\dl  
Model/Serial Number: 814 / A0174  
Firmware/Software Revs: 1.026 / 1.07  
Name: EIP Associates  
Descr1: 12301 Wilshire Blvd. Suite 430  
Descr2: Los Angeles, CA 90025  
Setup/Setup Descr: 15minute.slm / 15 Minute  
Location: Freedom Village (El Toro Rd.)  
Note1: Primary Source: Traffic  
Note2:  
Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 17:54:02  
Elapsed Time: 00:15:00.0  
Leq: 71.7 dBA  
SEL: 101.3 dBA  
Dose: 0.00 %  
Proj. Dose: 1.49 %  
Threshold: 0 dB  
Criterion: 90 dB  
Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 17:54:02  
Elapsed Time: 00:15:00.0  
Leq: 71.7 dBA  
SEL: 101.3 dBA  
Dose: 0.00 %  
Proj. Dose: 1.49 %  
Threshold: 0 dB  
Criterion: 90 dB  
Exchange Rate: 3 dB

Min: 59.5 dBA 30-Nov-2004 17:57:31  
Max: 80.9 dBA 30-Nov-2004 17:57:48  
Peak-1: 103.6 dBF 30-Nov-2004 18:06:36  
Peak-2: 96.3 dBA 30-Nov-2004 17:57:47

Min: 59.5 dBA 30-Nov-2004 17:57:31  
Max: 80.9 dBA 30-Nov-2004 17:57:48  
Peak-1: 103.6 dBF 30-Nov-2004 18:06:36  
Peak-2: 96.3 dBA 30-Nov-2004 17:57:47

L 1.67 77.5 dBA L 50.00 69.3 dBA  
L 8.33 75.9 dBA L 66.67 67.1 dBA  
L 33.33 71.9 dBA L 90.00 63.2 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: 11-Aug-2004 12:42:52  
Checked: 30-Nov-2004 13:22:01  
Calibrator LD 0504  
Cal Records Count: 0

Offset: 9.0 dB  
Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 96% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 10.slm\dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Intersection of Glenn Ranch/Saddleback Ranch  
 Note1: Primary Source: Traffic  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 18:50:55  
 Elapsed Time: 00:15:00.0  
 Leq: 68.9 dBA  
 SEL: 98.4 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.77 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 18:50:55  
 Elapsed Time: 00:15:00.0  
 Leq: 68.9 dBA  
 SEL: 98.4 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.77 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 54.9 dBA 30-Nov-2004 18:57:48  
 Max: 84.6 dBA 30-Nov-2004 18:58:03  
 Peak-1: 105.8 dBF 30-Nov-2004 18:58:01  
 Peak-2: 96.0 dBA 30-Nov-2004 18:58:01

Min: 54.9 dBA 30-Nov-2004 18:57:48  
 Max: 84.6 dBA 30-Nov-2004 18:58:03  
 Peak-1: 105.8 dBF 30-Nov-2004 18:58:01  
 Peak-2: 96.0 dBA 30-Nov-2004 18:58:01

L 1.67 75.3 dBA L 50.00 66.8 dBA  
 L 8.33 71.4 dBA L 66.67 65.1 dBA  
 L 33.33 68.3 dBA L 90.00 61.3 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 95% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 11.slm.dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Whiting Ranch Park (Portola Pkwy/Market Pl)  
 Note1: Primary Source: Traffic  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 19:17:18  
 Elapsed Time: 00:15:00.0  
 Leq: 67.9 dBA  
 SEL: 97.5 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.61 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 19:17:18  
 Elapsed Time: 00:15:00.0  
 Leq: 67.9 dBA  
 SEL: 97.5 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.61 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 53.9 dBA 30-Nov-2004 19:25:40  
 Max: 80.3 dBA 30-Nov-2004 19:31:34  
 Peak-1: 100.4 dBF 30-Nov-2004 19:29:38  
 Peak-2: 93.8 dBA 30-Nov-2004 19:23:00

Min: 53.9 dBA 30-Nov-2004 19:25:40  
 Max: 80.3 dBA 30-Nov-2004 19:31:34  
 Peak-1: 100.4 dBF 30-Nov-2004 19:29:38  
 Peak-2: 93.8 dBA 30-Nov-2004 19:23:00

L 1.67 75.6 dBA L 50.00 63.9 dBA  
 L 8.33 72.6 dBA L 66.67 62.2 dBA  
 L 33.33 66.3 dBA L 90.00 59.3 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 95% Source: INT

File Translated: C:\Documents and Settings\snylander.EIP\My Documents\10953-00 Lake Forest\Location 12.slm.dl  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: EIP Associates  
 Descr1: 12301 Wilshire Blvd. Suite 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Serrano Highlands (Trabuco/Peachwood)  
 Note1: Primary Source: Traffic  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 30-Nov-2004 19:53:35  
 Elapsed Time: 00:15:00.0  
 Leq: 69.3 dBA  
 SEL: 98.9 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.85 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 30-Nov-2004 19:53:35  
 Elapsed Time: 00:15:00.0  
 Leq: 69.3 dBA  
 SEL: 98.9 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.85 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 57.3 dBA 30-Nov-2004 20:03:17  
 Max: 81.7 dBA 30-Nov-2004 20:02:09  
 Peak-1: 102.1 dBF 30-Nov-2004 19:57:10  
 Peak-2: 95.3 dBA 30-Nov-2004 19:59:01

Min: 57.3 dBA 30-Nov-2004 20:03:17  
 Max: 81.7 dBA 30-Nov-2004 20:02:09  
 Peak-1: 102.1 dBF 30-Nov-2004 19:57:10  
 Peak-2: 95.3 dBA 30-Nov-2004 19:59:01

L 1.67 76.2 dBA L 50.00 67.3 dBA  
 L 8.33 73.1 dBA L 66.67 65.2 dBA  
 L 33.33 69.1 dBA L 90.00 61.3 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: 11-Aug-2004 12:42:52  
 Checked: 30-Nov-2004 13:22:01  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.0 dB  
 Level: 114.20 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: 418052 bytes 79.74% free

Battery Level: 95% Source: INT

**TRAFFIC NOISE LEVELS AND NOISE CONTOURS**

**Project Number:** 10953-00  
**Project Name:** Lake Forest Opportunites Study Phase II

**Background Information**

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.  
 Source of Traffic Volumes: X  
 Community Noise Descriptor: L<sub>dn</sub>: \_\_\_\_\_ 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%

Analysis Condition Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway				
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL

**Existing Conditions**

Glenn Ranch/Portola to Glenn Ranch/El Toro Rd.	4	0	19,000	35	0	1.8%	0.7%	63.0	-	64	202	638
Portola/Alton to Portola/Bake Pkwy	6	0	13,000	40	0	1.8%	0.7%	62.9	-	61	194	613
Portola/Bake Pkwy to Portola/Lake Forest Dr.	6	0	27,000	40	0	1.8%	0.7%	66.1	-	127	403	1,274
Portola/Lake Forest Dr. to Portola/Glenn Ranch	6	0	43,000	40	0	1.8%	0.7%	68.1	64	203	642	2,029
Portola/Glenn Ranch to Portola/SR-241	6	0	35,000	40	0	1.8%	0.7%	67.2	-	165	522	1,651
Santa Margarita/SR-241 to Santa Margarita/El Toro Rd.	6	0	30,000	40	0	1.8%	0.7%	66.5	-	142	448	1,416
Alton/Portola to Alton/SR-241	6	0	6,000	35	0	1.8%	0.7%	58.2	-	-	66	208
Bake Pkwy/Portola to Bake Pkwy/SR-241	4	0	27,000	35	0	1.8%	0.7%	64.6	-	91	287	907
Lake Forest Dr./Portola to Lake Forest Dr./SR-241	4	0	17,000	35	0	1.8%	0.7%	62.6	-	57	181	571
SR-241/Alton to SR-241 West	6	0	52,000	55	0	1.8%	0.7%	72.3	169	536	1,693	5,355
SR-241/Alton to SR-241/Lake Forest Dr.	6	0	46,000	55	0	1.8%	0.7%	71.8	150	474	1,498	4,737
SR-241/Lake Forest Dr. to SR-241/Portola	4	0	38,000	55	0	1.8%	0.7%	70.8	120	380	1,200	3,795
SR-241/Santa Margarita to SR-241 East	4	0	42,000	55	0	1.8%	0.7%	71.2	133	419	1,326	4,195
Alton/SR-241 to Alton south	6	0	2,000	35	0	1.8%	0.7%	53.4	-	-	-	69
Lake Forest Dr./SR-241 to Lake Forest Dr./Rancho	4	0	26,000	35	0	1.8%	0.7%	64.4	-	87	276	873
Rancho West to Rancho/Bake Pkwy.	4	0	2,000	35	0	1.8%	0.7%	53.3	-	-	-	67
Rancho/Bake Pkwy to Rancho/Lake Forest Dr.	4	0	7,000	35	0	1.8%	0.7%	58.7	-	-	74	235
Bake Pkwy/Rancho to Bake Pkwy/Commercentre	4	0	36,000	40	0	1.8%	0.7%	67.2	52	165	521	1,647
Bake Pkwy/Commercentre to Bake Pkwy/Trabuco Rd.	4	0	43,000	40	0	1.8%	0.7%	67.9	62	197	622	1,967
Lake Forest Dr./Rancho to Lake Forest Dr./Trabuco Rd.	4	0	34,000	40	0	1.8%	0.7%	66.9	49	156	492	1,556
El Toro Rd./Santa Margarita to El Toro Rd./Trabuco Rd.	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Trabuco Rd./Bake Pkwy. To Trabuco Rd./Lake Forest Dr.	6	0	23,000	40	0	1.8%	0.7%	65.4	-	109	343	1,085
Trabuco Rd./Lake Forest Dr. to Trabuco Rd./Ridge Route	6	0	30,000	40	0	1.8%	0.7%	66.5	-	142	448	1,416
Trabuco Rd./Ridge Route to Trabuco Rd./El Toro Rd.	6	0	34,000	40	0	1.8%	0.7%	67.1	-	160	507	1,604
Trabuco Rd./El Toro Rd. to Trabuco Rd. east	4	0	23,000	40	0	1.8%	0.7%	65.2	-	105	333	1,052
Bake Pkwy./Trabuco Rd. to Bake Pkwy./Toledo	6	0	48,000	40	0	1.8%	0.7%	68.6	72	226	716	2,265
Lake Forest Dr./Trabuco Rd. to Lake Forest Dr./Toledo	6	0	35,000	40	0	1.8%	0.7%	67.2	-	165	522	1,651
Ridge Route/Trabuco Rd. to Ridge Route/Toledo	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
El Toro Rd./Trabuco Rd. to El Toro Rd./Toledo	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Toledo/Bake Pkwy. To Toledo/Lake Forest Dr.	4	0	5,000	35	0	1.8%	0.7%	57.3	-	-	53	168
Toledo/Lake Forest Dr. to Toledo/Ridge Route	4	0	6,000	35	0	1.8%	0.7%	58.0	-	-	64	202
Toledo/Ridge Route to Toledo/El Toro Rd.	4	0	6,000	35	0	1.8%	0.7%	58.0	-	-	64	202
Bake Pkwy./Toledo to Bake Pkwy./Jeronimo	6	0	52,000	40	0	1.8%	0.7%	68.9	78	245	776	2,454
Lake Forest Dr./Toledo to Lake Forest Dr./Jeronimo	6	0	32,000	40	0	1.8%	0.7%	66.8	-	151	477	1,510
Ridge Route/Toledo to Ridge Route/Jeronimo	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
El Toro Rd./Toledo to El Toro Rd./Jeronimo	6	0	37,000	40	0	1.8%	0.7%	67.4	-	175	552	1,746
Los Alisos/Trabuco Rd. to Los Alisos/Jeronimo	6	0	33,000	40	0	1.8%	0.7%	66.9	-	156	492	1,557
Jeronimo/Bake Pkwy. To Jeronimo/Lake Forest Dr.	4	0	10,000	35	0	1.8%	0.7%	60.3	-	-	106	336
Jeronimo/Lake Forest Dr. to Jeronimo/Ridge Route	4	0	14,000	35	0	1.8%	0.7%	61.7	-	47	149	470
Jeronimo/Ridge Route to Jeronimo/El Toro Rd.	4	0	13,000	35	0	1.8%	0.7%	61.4	-	-	138	437
Jeronimo/El Toro Rd. to Jeronimo/Los Alisos	4	0	23,000	35	0	1.8%	0.7%	63.9	-	77	244	772
Lake Forest Dr./Jeronimo to Lake Forest Dr./Muirlands	6	0	34,000	40	0	1.8%	0.7%	67.1	-	160	507	1,604
Ridge Route/Jeronimo to Ridge Route/Muirlands	4	0	10,000	35	0	1.8%	0.7%	60.3	-	-	106	336
El Toro Rd./Jeronimo to El Toro Rd./Muirlands	6	0	40,000	40	0	1.8%	0.7%	67.8	60	189	597	1,887
Los Alisos/Jeronimo to Los Alisos/Muirlands	6	0	33,000	40	0	1.8%	0.7%	66.9	-	156	492	1,557
Muirlands/Bake Pkwy. To Muirlands/Lake Forest Dr.	4	0	14,000	35	0	1.8%	0.7%	61.7	-	47	149	470
Muirlands/Lake Forest Dr. to Muirlands/Ridge Route	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Muirlands/Ridge Route to Muirlands/El Toro Rd.	4	0	21,000	35	0	1.8%	0.7%	63.5	-	71	223	705
Muirlands/El Toro Rd. to Muirlands/Los Alisos	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Lake Forest Dr./Muirlands to Lake Forest Dr./Rockfield	6	0	37,000	40	0	1.8%	0.7%	67.4	-	175	552	1,746
Ridge Route/Muirlands to Ridge Route/Rockfield	4	0	9,000	35	0	1.8%	0.7%	59.8	-	-	96	302
El Toro Rd./Muirlands to El Toro Rd./Rockfield	6	0	42,000	40	0	1.8%	0.7%	68.0	63	198	627	1,982
Los Alisos/Muirlands to Los Alisos/Rockfield	6	0	32,000	40	0	1.8%	0.7%	66.8	-	151	477	1,510
Rockfield/Bake Pkwy. To Rockfield/Lake Forest Dr.	4	0	18,000	35	0	1.8%	0.7%	62.8	-	60	191	605
Rockfield/Lake Forest Dr. to Rockfield/Ridge Route	4	0	18,000	35	0	1.8%	0.7%	62.8	-	60	191	605
Rockfield/Ridge Route to Rockfield/El Toro Rd.	4	0	18,000	35	0	1.8%	0.7%	62.8	-	60	191	605
Rockfield/El Toro Rd. to Rockfield/Los Alisos	4	0	17,000	35	0	1.8%	0.7%	62.6	-	57	181	571

Analysis Condition Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway Distance to Contour				
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
Lake Forest Dr./Rockfield to Lake Forest Dr./I-5	6	0	59,000	40	0	1.8%	0.7%	69.4	88	278	880	2,784
El Toro Rd./Rockfield to El Toro Rd./I-5	6	0	54,000	40	0	1.8%	0.7%	69.1	81	255	806	2,548
Los Alisos/Rockfield to Los Alisos/I-5	4	0	28,000	40	0	1.8%	0.7%	66.1	-	128	405	1,281
I-5/Lake Forest Dr. to I-5/El Toro Rd.	16	12	343,000	65	0	1.8%	0.7%	87.7	5,890	18,625	58,898	186,251
I-5/El Toro Rd. to I-5/Los Alisos	10	12	334,000	65	0	1.8%	0.7%	83.0	1,993	6,304	19,934	63,038
<b>Future 2030 Current General Plan</b>												
Glenn Ranch/Portola to Glenn Ranch/El Toro Rd.	4	0	37,000	35	0	1.8%	0.7%	65.9	-	124	393	1,243
Portola/Alton to Portola/Bake Pkwy	6	0	31,000	40	0	1.8%	0.7%	66.7	-	146	463	1,463
Portola/Bake Pkwy to Portola/Lake Forest Dr.	6	0	38,000	40	0	1.8%	0.7%	67.5	57	179	567	1,793
Portola/Lake Forest Dr. to Portola/Glenn Ranch	6	0	56,000	40	0	1.8%	0.7%	69.2	84	264	836	2,642
Portola/Glenn Ranch to Portola/SR-241	6	0	42,000	40	0	1.8%	0.7%	68.0	63	198	627	1,982
Santa Margarita/SR-241 to Santa Margarita/El Toro Rd.	6	0	67,000	40	0	1.8%	0.7%	70.0	100	316	1,000	3,161
Alton/Portola to Alton/SR-241	6	0	17,000	35	0	1.8%	0.7%	62.7	-	59	186	589
Bake Pkwy/Portola to Bake Pkwy/SR-241	4	0	22,000	35	0	1.8%	0.7%	63.7	-	74	234	739
Lake Forest Dr./Portola to Lake Forest Dr./SR-241	4	0	19,000	35	0	1.8%	0.7%	63.0	-	64	202	638
SR-241/Alton to SR-241 West	6	0	90,000	55	0	1.8%	0.7%	74.7	293	927	2,931	9,269
SR-241/Alton to SR-241/Lake Forest Dr.	6	0	104,000	55	0	1.8%	0.7%	75.3	339	1,071	3,387	10,711
SR-241/Lake Forest Dr. to SR-241/Portola	4	0	90,000	55	0	1.8%	0.7%	74.5	284	899	2,842	8,988
SR-241/Santa Margarita to SR-241 East	4	0	96,000	55	0	1.8%	0.7%	74.8	303	959	3,032	9,587
Alton/SR-241 to Alton south	6	0	30,000	35	0	1.8%	0.7%	65.2	-	104	329	1,039
Lake Forest Dr./SR-241 to Lake Forest Dr./Rancho	4	0	30,000	35	0	1.8%	0.7%	65.0	-	101	319	1,008
Rancho West to Rancho/Bake Pkwy.	4	0	9,000	35	0	1.8%	0.7%	59.8	-	-	96	302
Rancho/Bake Pkwy to Rancho/Lake Forest Dr.	4	0	22,000	35	0	1.8%	0.7%	63.7	-	74	234	739
Bake Pkwy/Rancho to Bake Pkwy/Commercentre	4	0	33,000	40	0	1.8%	0.7%	66.8	48	151	477	1,510
Bake Pkwy/Commercentre to Bake Pkwy/Trabuco Rd.	4	0	37,000	40	0	1.8%	0.7%	67.3	54	169	535	1,693
Lake Forest Dr./Rancho to Lake Forest Dr./Trabuco Rd.	4	0	41,000	40	0	1.8%	0.7%	67.7	59	188	593	1,876
El Toro Rd./Santa Margarita to El Toro Rd./Trabuco Rd.	6	0	43,000	40	0	1.8%	0.7%	68.1	64	203	642	2,029
Trabuco Rd./Bake Pkwy. To Trabuco Rd./Lake Forest Dr.	6	0	27,000	40	0	1.8%	0.7%	66.1	-	127	403	1,274
Trabuco Rd./Lake Forest Dr. to Trabuco Rd./Ridge Route	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Trabuco Rd./Ridge Route to Trabuco Rd./El Toro Rd.	6	0	40,000	40	0	1.8%	0.7%	67.8	60	189	597	1,887
Trabuco Rd./El Toro Rd. to Trabuco Rd. east	4	0	26,000	40	0	1.8%	0.7%	65.8	-	119	376	1,190
Bake Pkwy./Trabuco Rd. to Bake Pkwy./Toledo	6	0	51,000	40	0	1.8%	0.7%	68.8	76	241	761	2,406
Lake Forest Dr./Trabuco Rd. to Lake Forest Dr./Toledo	6	0	39,000	40	0	1.8%	0.7%	67.6	58	184	582	1,840
Ridge Route/Trabuco Rd. to Ridge Route/Toledo	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
El Toro Rd./Trabuco Rd. to El Toro Rd./Toledo	6	0	48,000	40	0	1.8%	0.7%	68.6	72	226	716	2,265
Toledo/Bake Pkwy. To Toledo/Lake Forest Dr.	4	0	6,000	35	0	1.8%	0.7%	58.0	-	-	64	202
Toledo/Lake Forest Dr. to Toledo/Ridge Route	4	0	7,000	35	0	1.8%	0.7%	58.7	-	-	74	235
Toledo/Ridge Route to Toledo/El Toro Rd.	4	0	7,000	35	0	1.8%	0.7%	58.7	-	-	74	235
Bake Pkwy./Toledo to Bake Pkwy./Jeronimo	6	0	53,000	40	0	1.8%	0.7%	69.0	79	250	791	2,501
Lake Forest Dr./Toledo to Lake Forest Dr./Jeronimo	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Ridge Route/Toledo to Ridge Route/Jeronimo	4	0	7,000	35	0	1.8%	0.7%	58.7	-	-	74	235
El Toro Rd./Toledo to El Toro Rd./Jeronimo	6	0	48,000	40	0	1.8%	0.7%	68.6	72	226	716	2,265
Los Alisos/Trabuco Rd. to Los Alisos/Jeronimo	6	0	40,000	40	0	1.8%	0.7%	67.8	60	189	597	1,887
Jeronimo/Bake Pkwy. To Jeronimo/Lake Forest Dr.	4	0	12,000	35	0	1.8%	0.7%	61.1	-	-	127	403
Jeronimo/Lake Forest Dr. to Jeronimo/Ridge Route	4	0	16,000	35	0	1.8%	0.7%	62.3	-	54	170	537
Jeronimo/Ridge Route to Jeronimo/El Toro Rd.	4	0	15,000	35	0	1.8%	0.7%	62.0	-	50	159	504
Jeronimo/El Toro Rd. to Jeronimo/Los Alisos	4	0	29,000	35	0	1.8%	0.7%	64.9	-	97	308	974
Lake Forest Dr./Jeronimo to Lake Forest Dr./Muirlands	6	0	38,000	40	0	1.8%	0.7%	67.5	57	179	567	1,793
Ridge Route/Jeronimo to Ridge Route/Muirlands	4	0	11,000	35	0	1.8%	0.7%	60.7	-	-	117	369
El Toro Rd./Jeronimo to El Toro Rd./Muirlands	6	0	50,000	40	0	1.8%	0.7%	68.7	75	236	746	2,359
Los Alisos/Jeronimo to Los Alisos/Muirlands	6	0	38,000	40	0	1.8%	0.7%	67.5	57	179	567	1,793
Muirlands/Bake Pkwy. To Muirlands/Lake Forest Dr.	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Muirlands/Lake Forest Dr. to Muirlands/Ridge Route	4	0	26,000	35	0	1.8%	0.7%	64.4	-	87	276	873
Muirlands/Ridge Route to Muirlands/El Toro Rd.	4	0	28,000	35	0	1.8%	0.7%	64.7	-	94	297	940
Muirlands/El Toro Rd. to Muirlands/Los Alisos	4	0	30,000	35	0	1.8%	0.7%	65.0	-	101	319	1,008
Lake Forest Dr./Muirlands to Lake Forest Dr./Rockfield	6	0	45,000	40	0	1.8%	0.7%	68.3	67	212	671	2,123
Ridge Route/Muirlands to Ridge Route/Rockfield	4	0	12,000	35	0	1.8%	0.7%	61.1	-	-	127	403
El Toro Rd./Muirlands to El Toro Rd./Rockfield	6	0	49,000	40	0	1.8%	0.7%	68.6	73	231	731	2,312
Los Alisos/Muirlands to Los Alisos/Rockfield	6	0	35,000	40	0	1.8%	0.7%	67.2	-	165	522	1,651
Rockfield/Bake Pkwy. To Rockfield/Lake Forest Dr.	4	0	24,000	35	0	1.8%	0.7%	64.1	-	81	255	806
Rockfield/Lake Forest Dr. to Rockfield/Ridge Route	4	0	24,000	35	0	1.8%	0.7%	64.1	-	81	255	806
Rockfield/Ridge Route to Rockfield/El Toro Rd.	4	0	26,000	35	0	1.8%	0.7%	64.4	-	87	276	873
Rockfield/El Toro Rd. to Rockfield/Los Alisos	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Lake Forest Dr./Rockfield to Lake Forest Dr./I-5	6	0	69,000	40	0	1.8%	0.7%	70.1	103	326	1,030	3,256
El Toro Rd./Rockfield to El Toro Rd./I-5	6	0	58,000	40	0	1.8%	0.7%	69.4	87	274	865	2,737
Los Alisos/Rockfield to Los Alisos/I-5	4	0	32,000	40	0	1.8%	0.7%	66.7	46	146	463	1,464
I-5/Lake Forest Dr. to I-5/El Toro Rd.	16	12	436,000	65	0	1.8%	0.7%	88.7	7,487	23,675	74,867	236,751
I-5/El Toro Rd. to I-5/Los Alisos	10	12	419,000	65	0	1.8%	0.7%	84.0	2,501	7,908	25,007	79,080
<b>Future 2030 City Preferred Plan</b>												
Glenn Ranch/Portola to Glenn Ranch/El Toro Rd.	4	0	30,000	35	0	1.8%	0.7%	65.0	-	101	319	1,008
Portola/Alton to Portola/Bake Pkwy	6	0	31,000	40	0	1.8%	0.7%	66.7	-	146	463	1,463
Portola/Bake Pkwy to Portola/Lake Forest Dr.	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Portola/Lake Forest Dr. to Portola/Glenn Ranch	6	0	53,000	40	0	1.8%	0.7%	69.0	79	250	791	2,501

Analysis Condition Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway Distance to Contour				
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
Portola/Glenn Ranch to Portola/SR-241	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Santa Margarita/SR-241 to Santa Margarita/El Toro Rd.	6	0	60,000	40	0	1.8%	0.7%	69.5	90	283	895	2,831
Alton/Portola to Alton/SR-241	6	0	18,000	35	0	1.8%	0.7%	62.9	-	62	197	623
Bake Pkwy/Portola to Bake Pkwy/SR-241	4	0	23,000	35	0	1.8%	0.7%	63.9	-	77	244	772
Lake Forest Dr./Portola to Lake Forest Dr./SR-241	4	0	17,000	35	0	1.8%	0.7%	62.6	-	57	181	571
SR-241/Alton to SR-241 West	6	0	89,000	55	0	1.8%	0.7%	74.6	290	917	2,898	9,166
SR-241/Alton to SR-241/Lake Forest Dr.	6	0	101,000	55	0	1.8%	0.7%	75.2	329	1,040	3,289	10,402
SR-241/Lake Forest Dr. to SR-241/Portola	4	0	89,000	55	0	1.8%	0.7%	74.5	281	889	2,811	8,888
SR-241/Santa Margarita to SR-241 East	4	0	92,000	55	0	1.8%	0.7%	74.6	291	919	2,905	9,188
Alton/SR-241 to Alton south	6	0	28,000	35	0	1.8%	0.7%	64.9	-	97	307	970
Lake Forest Dr./SR-241 to Lake Forest Dr./Rancho	4	0	28,000	35	0	1.8%	0.7%	64.7	-	94	297	940
Rancho West to Rancho/Bake Pkwy.	4	0	11,000	35	0	1.8%	0.7%	60.7	-	-	117	369
Rancho/Bake Pkwy to Rancho/Lake Forest Dr.	4	0	22,000	35	0	1.8%	0.7%	63.7	-	74	234	739
Bake Pkwy/Rancho to Bake Pkwy/Commercentre	4	0	33,000	40	0	1.8%	0.7%	66.8	48	151	477	1,510
Bake Pkwy/Commercentre to Bake Pkwy/Trabuco Rd.	4	0	37,000	40	0	1.8%	0.7%	67.3	54	169	535	1,693
Lake Forest Dr./Rancho to Lake Forest Dr./Trabuco Rd.	4	0	39,000	40	0	1.8%	0.7%	67.5	56	178	564	1,784
El Toro Rd./Santa Margarita to El Toro Rd./Trabuco Rd.	6	0	43,000	40	0	1.8%	0.7%	68.1	64	203	642	2,029
Trabuco Rd./Bake Pkwy. To Trabuco Rd./Lake Forest Dr.	6	0	27,000	40	0	1.8%	0.7%	66.1	-	127	403	1,274
Trabuco Rd./Lake Forest Dr. to Trabuco Rd./Ridge Route	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Trabuco Rd./Ridge Route to Trabuco Rd./El Toro Rd.	6	0	40,000	40	0	1.8%	0.7%	67.8	60	189	597	1,887
Trabuco Rd./El Toro Rd. to Trabuco Rd. east	4	0	26,000	40	0	1.8%	0.7%	65.8	-	119	376	1,190
Bake Pkwy./Trabuco Rd. to Bake Pkwy./Toledo	6	0	52,000	40	0	1.8%	0.7%	68.9	78	245	776	2,454
Lake Forest Dr./Trabuco Rd. to Lake Forest Dr./Toledo	6	0	40,000	40	0	1.8%	0.7%	67.8	60	189	597	1,887
Ridge Route/Trabuco Rd. to Ridge Route/Toledo	4	0	9,000	35	0	1.8%	0.7%	59.8	-	-	96	302
El Toro Rd./Trabuco Rd. to El Toro Rd./Toledo	6	0	48,000	40	0	1.8%	0.7%	68.6	72	226	716	2,265
Toledo/Bake Pkwy. To Toledo/Lake Forest Dr.	4	0	6,000	35	0	1.8%	0.7%	58.0	-	-	64	202
Toledo/Lake Forest Dr. to Toledo/Ridge Route	4	0	7,000	35	0	1.8%	0.7%	58.7	-	-	74	235
Toledo/Ridge Route to Toledo/El Toro Rd.	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
Bake Pkwy./Toledo to Bake Pkwy./Jeronimo	6	0	54,000	40	0	1.8%	0.7%	69.1	81	255	806	2,548
Lake Forest Dr./Toledo to Lake Forest Dr./Jeronimo	6	0	38,000	40	0	1.8%	0.7%	67.5	57	179	567	1,793
Ridge Route/Toledo to Ridge Route/Jeronimo	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
El Toro Rd./Toledo to El Toro Rd./Jeronimo	6	0	48,000	40	0	1.8%	0.7%	68.6	72	226	716	2,265
Los Alisos/Trabuco Rd. to Los Alisos/Jeronimo	6	0	41,000	40	0	1.8%	0.7%	67.9	61	193	612	1,935
Jeronimo/Bake Pkwy. To Jeronimo/Lake Forest Dr.	4	0	12,000	35	0	1.8%	0.7%	61.1	-	-	127	403
Jeronimo/Lake Forest Dr. to Jeronimo/Ridge Route	4	0	16,000	35	0	1.8%	0.7%	62.3	-	54	170	537
Jeronimo/Ridge Route to Jeronimo/El Toro Rd.	4	0	15,000	35	0	1.8%	0.7%	62.0	-	50	159	504
Jeronimo/El Toro Rd. to Jeronimo/Los Alisos	4	0	29,000	35	0	1.8%	0.7%	64.9	-	97	308	974
Lake Forest Dr./Jeronimo to Lake Forest Dr./Muirlands	6	0	39,000	40	0	1.8%	0.7%	67.6	58	184	582	1,840
Ridge Route/Jeronimo to Ridge Route/Muirlands	4	0	12,000	35	0	1.8%	0.7%	61.1	-	-	127	403
El Toro Rd./Jeronimo to El Toro Rd./Muirlands	6	0	51,000	40	0	1.8%	0.7%	68.8	76	241	761	2,406
Los Alisos/Jeronimo to Los Alisos/Muirlands	6	0	39,000	40	0	1.8%	0.7%	67.6	58	184	582	1,840
Muirlands/Bake Pkwy. To Muirlands/Lake Forest Dr.	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Muirlands/Lake Forest Dr. to Muirlands/Ridge Route	4	0	26,000	35	0	1.8%	0.7%	64.4	-	87	276	873
Muirlands/Ridge Route to Muirlands/El Toro Rd.	4	0	28,000	35	0	1.8%	0.7%	64.7	-	94	297	940
Muirlands/El Toro Rd. to Muirlands/Los Alisos	4	0	30,000	35	0	1.8%	0.7%	65.0	-	101	319	1,008
Lake Forest Dr./Muirlands to Lake Forest Dr./Rockfield	6	0	46,000	40	0	1.8%	0.7%	68.4	69	217	686	2,170
Ridge Route/Muirlands to Ridge Route/Rockfield	4	0	13,000	35	0	1.8%	0.7%	61.4	-	-	138	437
El Toro Rd./Muirlands to El Toro Rd./Rockfield	6	0	51,000	40	0	1.8%	0.7%	68.8	76	241	761	2,406
Los Alisos/Muirlands to Los Alisos/Rockfield	6	0	35,000	40	0	1.8%	0.7%	67.2	-	165	522	1,651
Rockfield/Bake Pkwy. To Rockfield/Lake Forest Dr.	4	0	24,000	35	0	1.8%	0.7%	64.1	-	81	255	806
Rockfield/Lake Forest Dr. to Rockfield/Ridge Route	4	0	24,000	35	0	1.8%	0.7%	64.1	-	81	255	806
Rockfield/Ridge Route to Rockfield/El Toro Rd.	4	0	27,000	35	0	1.8%	0.7%	64.6	-	91	287	907
Rockfield/El Toro Rd. to Rockfield/Los Alisos	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Lake Forest Dr./Rockfield to Lake Forest Dr./I-5	6	0	70,000	40	0	1.8%	0.7%	70.2	104	330	1,044	3,303
El Toro Rd./Rockfield to El Toro Rd./I-5	6	0	59,000	40	0	1.8%	0.7%	69.4	88	278	880	2,784
Los Alisos/Rockfield to Los Alisos/I-5	4	0	32,000	40	0	1.8%	0.7%	66.7	46	146	463	1,464
I-5/Lake Forest Dr. to I-5/El Toro Rd.	16	12	440,000	65	0	1.8%	0.7%	88.8	7,555	23,892	75,554	238,923
I-5/El Toro Rd. to I-5/Los Alisos	10	12	421,000	65	0	1.8%	0.7%	84.0	2,513	7,946	25,127	79,458
<b>Future 2030 Landowners' Plan</b>												
Glenn Ranch/Portola to Glenn Ranch/El Toro Rd.	4	0	30,000	35	0	1.8%	0.7%	65.0	-	101	319	1,008
Portola/Alton to Portola/Bake Pkwy	6	0	31,000	40	0	1.8%	0.7%	66.7	-	146	463	1,463
Portola/Bake Pkwy to Portola/Lake Forest Dr.	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Portola/Lake Forest Dr. to Portola/Glenn Ranch	6	0	53,000	40	0	1.8%	0.7%	69.0	79	250	791	2,501
Portola/Glenn Ranch to Portola/SR-241	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Santa Margarita/SR-241 to Santa Margarita/El Toro Rd.	6	0	60,000	40	0	1.8%	0.7%	69.5	90	283	895	2,831
Alton/Portola to Alton/SR-241	6	0	18,000	35	0	1.8%	0.7%	62.9	-	62	197	623
Bake Pkwy/Portola to Bake Pkwy/SR-241	4	0	23,000	35	0	1.8%	0.7%	63.9	-	77	244	772
Lake Forest Dr./Portola to Lake Forest Dr./SR-241	4	0	17,000	35	0	1.8%	0.7%	62.6	-	57	181	571
SR-241/Alton to SR-241 West	6	0	89,000	55	0	1.8%	0.7%	74.6	290	917	2,898	9,166
SR-241/Alton to SR-241/Lake Forest Dr.	6	0	102,000	55	0	1.8%	0.7%	75.2	332	1,050	3,322	10,505
SR-241/Lake Forest Dr. to SR-241/Portola	4	0	90,000	55	0	1.8%	0.7%	74.5	284	899	2,842	8,988
SR-241/Santa Margarita to SR-241 East	4	0	92,000	55	0	1.8%	0.7%	74.6	291	919	2,905	9,188
Alton/SR-241 to Alton south	6	0	28,000	35	0	1.8%	0.7%	64.9	-	97	307	970
Lake Forest Dr./SR-241 to Lake Forest Dr./Rancho	4	0	28,000	35	0	1.8%	0.7%	64.7	-	94	297	940

Analysis Condition Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway				
						Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
Rancho West to Rancho/Bake Pkwy.	4	0	11,000	35	0	1.8%	0.7%	60.7	-	-	117	369
Rancho/Bake Pkwy to Rancho/Lake Forest Dr.	4	0	22,000	35	0	1.8%	0.7%	63.7	-	74	234	739
Bake Pkwy/Rancho to Bake Pkwy/Commercentre	4	0	33,000	40	0	1.8%	0.7%	66.8	48	151	477	1,510
Bake Pkwy/Commercentre to Bake Pkwy/Trabuco Rd.	4	0	38,000	40	0	1.8%	0.7%	67.4	55	174	550	1,739
Lake Forest Dr./Rancho to Lake Forest Dr./Trabuco Rd.	4	0	40,000	40	0	1.8%	0.7%	67.6	58	183	579	1,830
El Toro Rd./Santa Margarita to El Toro Rd./Trabuco Rd.	6	0	44,000	40	0	1.8%	0.7%	68.2	66	208	657	2,076
Trabuco Rd./Bake Pkwy. To Trabuco Rd./Lake Forest Dr.	6	0	27,000	40	0	1.8%	0.7%	66.1	-	127	403	1,274
Trabuco Rd./Lake Forest Dr. to Trabuco Rd./Ridge Route	6	0	36,000	40	0	1.8%	0.7%	67.3	-	170	537	1,699
Trabuco Rd./Ridge Route to Trabuco Rd./El Toro Rd.	6	0	40,000	40	0	1.8%	0.7%	67.8	60	189	597	1,887
Trabuco Rd./El Toro Rd. to Trabuco Rd. east	4	0	26,000	40	0	1.8%	0.7%	65.8	-	119	376	1,190
Bake Pkwy./Trabuco Rd. to Bake Pkwy./Toledo	6	0	53,000	40	0	1.8%	0.7%	69.0	79	250	791	2,501
Lake Forest Dr./Trabuco Rd. to Lake Forest Dr./Toledo	6	0	41,000	40	0	1.8%	0.7%	67.9	61	193	612	1,935
Ridge Route/Trabuco Rd. to Ridge Route/Toledo	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
El Toro Rd./Trabuco Rd. to El Toro Rd./Toledo	6	0	48,000	40	0	1.8%	0.7%	68.6	72	226	716	2,265
Toledo/Bake Pkwy. To Toledo/Lake Forest Dr.	4	0	6,000	35	0	1.8%	0.7%	58.0	-	-	64	202
Toledo/Lake Forest Dr. to Toledo/Ridge Route	4	0	7,000	35	0	1.8%	0.7%	58.7	-	-	74	235
Toledo/Ridge Route to Toledo/El Toro Rd.	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
Bake Pkwy./Toledo to Bake Pkwy./Jeronimo	6	0	54,000	40	0	1.8%	0.7%	69.1	81	255	806	2,548
Lake Forest Dr./Toledo to Lake Forest Dr./Jeronimo	6	0	38,000	40	0	1.8%	0.7%	67.5	57	179	567	1,793
Ridge Route/Toledo to Ridge Route/Jeronimo	4	0	8,000	35	0	1.8%	0.7%	59.3	-	-	85	269
El Toro Rd./Toledo to El Toro Rd./Jeronimo	6	0	48,000	40	0	1.8%	0.7%	68.6	72	226	716	2,265
Los Alisos/Trabuco Rd. to Los Alisos/Jeronimo	6	0	41,000	40	0	1.8%	0.7%	67.9	61	193	612	1,935
Jeronimo/Bake Pkwy. To Jeronimo/Lake Forest Dr.	4	0	12,000	35	0	1.8%	0.7%	61.1	-	-	127	403
Jeronimo/Lake Forest Dr. to Jeronimo/Ridge Route	4	0	16,000	35	0	1.8%	0.7%	62.3	-	54	170	537
Jeronimo/Ridge Route to Jeronimo/El Toro Rd.	4	0	15,000	35	0	1.8%	0.7%	62.0	-	50	159	504
Jeronimo/El Toro Rd. to Jeronimo/Los Alisos	4	0	29,000	35	0	1.8%	0.7%	64.9	-	97	308	974
Lake Forest Dr./Jeronimo to Lake Forest Dr./Muirlands	6	0	40,000	40	0	1.8%	0.7%	67.8	60	189	597	1,887
Ridge Route/Jeronimo to Ridge Route/Muirlands	4	0	12,000	35	0	1.8%	0.7%	61.1	-	-	127	403
El Toro Rd./Jeronimo to El Toro Rd./Muirlands	6	0	52,000	40	0	1.8%	0.7%	68.9	78	245	776	2,454
Los Alisos/Jeronimo to Los Alisos/Muirlands	6	0	39,000	40	0	1.8%	0.7%	67.6	58	184	582	1,840
Muirlands/Bake Pkwy. To Muirlands/Lake Forest Dr.	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Muirlands/Lake Forest Dr. to Muirlands/Ridge Route	4	0	27,000	35	0	1.8%	0.7%	64.6	-	91	287	907
Muirlands/Ridge Route to Muirlands/El Toro Rd.	4	0	28,000	35	0	1.8%	0.7%	64.7	-	94	297	940
Muirlands/El Toro Rd. to Muirlands/Los Alisos	4	0	29,000	35	0	1.8%	0.7%	64.9	-	97	308	974
Lake Forest Dr./Muirlands to Lake Forest Dr./Rockfield	6	0	47,000	40	0	1.8%	0.7%	68.5	70	222	701	2,218
Ridge Route/Muirlands to Ridge Route/Rockfield	4	0	13,000	35	0	1.8%	0.7%	61.4	-	-	138	437
El Toro Rd./Muirlands to El Toro Rd./Rockfield	6	0	51,000	40	0	1.8%	0.7%	68.8	76	241	761	2,406
Los Alisos/Muirlands to Los Alisos/Rockfield	6	0	35,000	40	0	1.8%	0.7%	67.2	-	165	522	1,651
Rockfield/Bake Pkwy. To Rockfield/Lake Forest Dr.	4	0	24,000	35	0	1.8%	0.7%	64.1	-	81	255	806
Rockfield/Lake Forest Dr. to Rockfield/Ridge Route	4	0	24,000	35	0	1.8%	0.7%	64.1	-	81	255	806
Rockfield/Ridge Route to Rockfield/El Toro Rd.	4	0	27,000	35	0	1.8%	0.7%	64.6	-	91	287	907
Rockfield/El Toro Rd. to Rockfield/Los Alisos	4	0	20,000	35	0	1.8%	0.7%	63.3	-	67	212	672
Lake Forest Dr./Rockfield to Lake Forest Dr./I-5	6	0	70,000	40	0	1.8%	0.7%	70.2	104	330	1,044	3,303
El Toro Rd./Rockfield to El Toro Rd./I-5	6	0	60,000	40	0	1.8%	0.7%	69.5	90	283	895	2,831
Los Alisos/Rockfield to Los Alisos/I-5	4	0	32,000	40	0	1.8%	0.7%	66.7	46	146	463	1,464
I-5/Lake Forest Dr. to I-5/El Toro Rd.	16	12	440,000	65	0	1.8%	0.7%	88.8	7,555	23,892	75,554	238,923
I-5/El Toro Rd. to I-5/Los Alisos	10	12	422,000	65	0	1.8%	0.7%	84.0	2,519	7,965	25,186	79,646

<sup>1</sup> Distance is from the centerline of the roadway segment to the receptor location.  
 "-" = contour is located within the roadway right-of-way.