

# Noise Measurement Survey

Project Number: STI1501  
Project Name: HSR B-LA Technical Noise Study

Test Personnel: JT Stephens  
Equipment: Larson Davis 831

Site Number: SST-1 Date: 08/03/16

Time: From 11:45 AM To 12:15 PM

Site Location: In front of residence at 1041 Rosedale Avenue, Glendale.

Noise Sources: Distant traffic on the I-5 Freeway, San Fernando Boulevard.

Comments: Generally quiet. Few passbys on Rosedale.

1- train passby with horns at 11:54 AM (also one car on Rosedale)

1- train passby with horns at 11:54 PM (also one car on Rosedale) horn (loud and long)

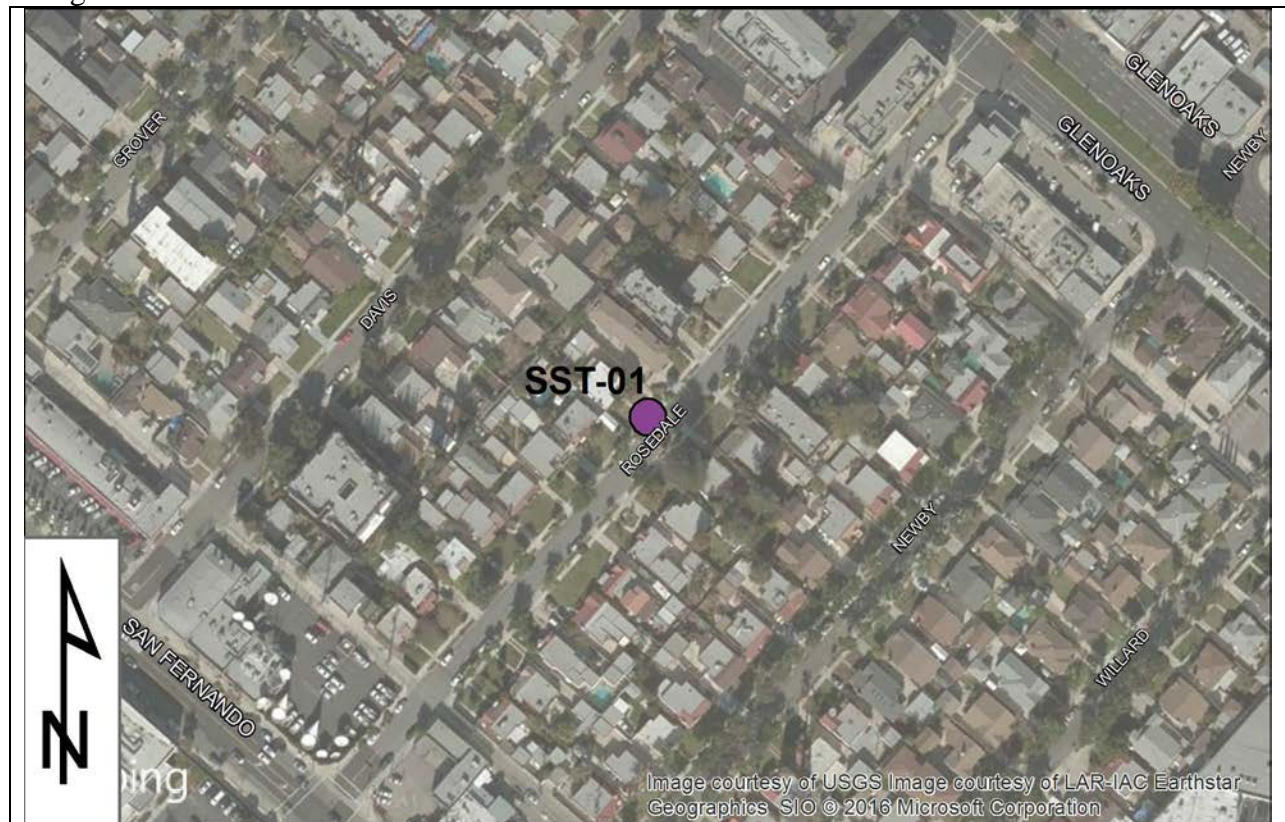
Planes -111

Weather Conditions: Wind Speed (avg.): 1.8 Wind Speed (Max): 5.2 Temp (F°): 85

<b><u>Descriptor:</u></b>	<b><u>Levels:</u></b>
<b><u>L<sub>eq</sub></u></b>	55.0
<b><u>L<sub>max</sub></u></b>	77.3
<b><u>L<sub>min</sub></u></b>	43.5
<b><u>L<sub>2</sub></u></b>	64.8
<b><u>L<sub>8</sub></u></b>	57.4
<b><u>L<sub>25</sub></u></b>	49.4
<b><u>L<sub>50</sub></u></b>	46.7
<b><u>L<sub>90</sub></u></b>	45.0
<b><u>L<sub>99</sub></u></b>	44.3

File Number: 401

Diagram:



Location Photo:



# Noise Measurement Survey

Project Number: STI1501  
Project Name: HSR B-LA Technical Noise Study

Test Personnel: JT Stephens  
Equipment: Larson Davis 831

Site Number: SST-2 Date: 08/03/16

Time: From 12:41 PM To 1:11 PM

Site Location: In front of residence at 834 Graynold Avenue, Glendale.

Noise Sources: Distant traffic on San Fernando Boulevard, passbys on Zook Drive.

Comments: Generally quiet.

Train passby at 12:43PM, horn upwards of (67dB).

Train passby at 12:58 PM.

Train passby at 1:07 PM.

2 military helicopters at 1:09 PM.

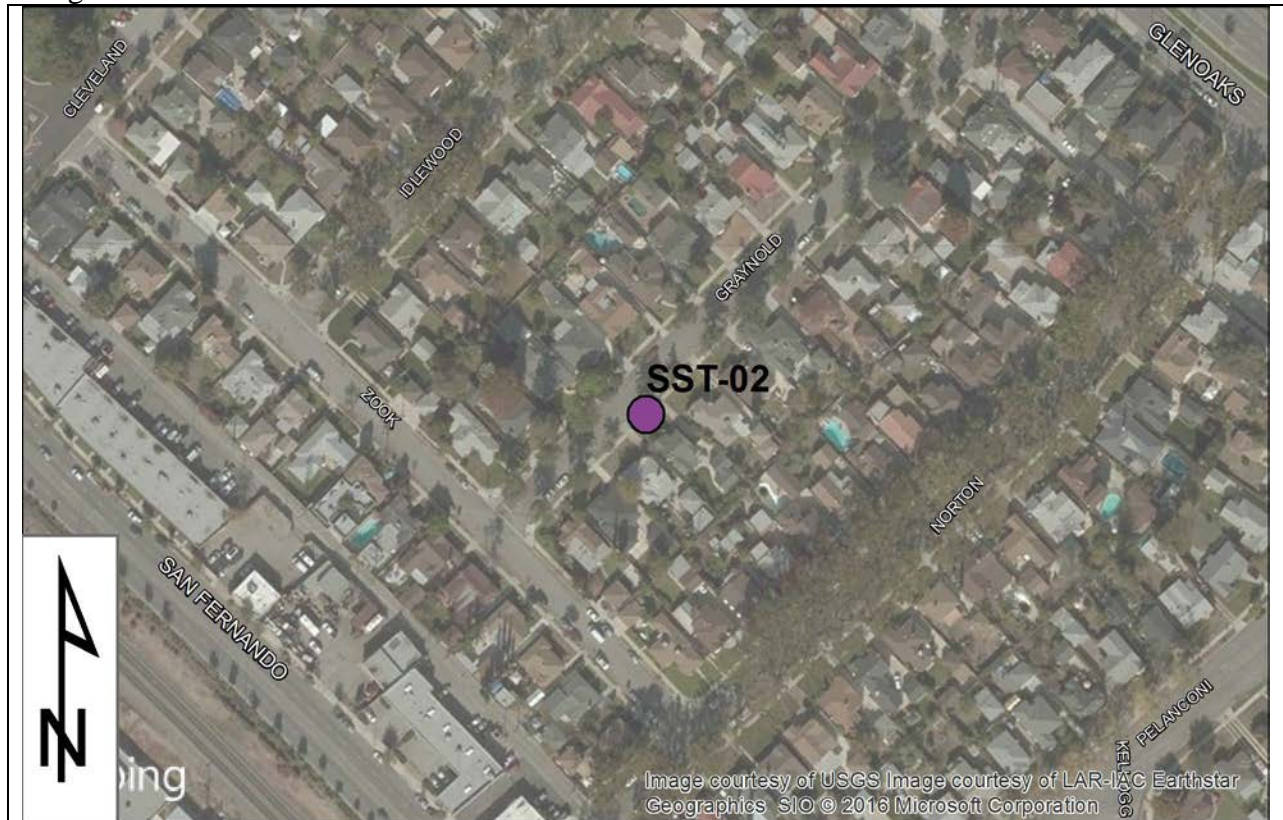
Weather Conditions: Wind Speed (avg.): 1.8 Wind Speed (Max): 6.1 Temp (F°): 84.6

<b><u>Descriptor:</u></b>	<b><u>Levels:</u></b>
<b><u>L<sub>eq</sub></u></b>	54.3
<b><u>L<sub>max</sub></u></b>	74.2
<b><u>L<sub>min</sub></u></b>	43.1
<b><u>L<sub>2</sub></u></b>	64.3
<b><u>L<sub>8</sub></u></b>	57.8
<b><u>L<sub>25</sub></u></b>	49.5
<b><u>L<sub>50</sub></u></b>	46.6
<b><u>L<sub>90</sub></u></b>	44.7
<b><u>L<sub>99</sub></u></b>	43.8

File Number: 402



Diagram:



Location Photo:



# Noise Measurement Survey

Project Number: STI1501 Test Personnel: Daniel Kaufman  
Project Name: HSR B-LA Technical Noise Study Equipment: Larson Davis 824

Site Number: SST-3 Date: 08/03/16 Time: From 12:02 PM To 12:38 PM

Site Location: Pacific Park, northeast corner of intersection of Riverdale Drive and South Kenilworth Avenue, Glendale.

Noise Sources: Traffic, trains .

Comments: Paused for siren at approximately 12:10-12:11PM.

Paused 10:13-10:17 missed 2 trains (passenger).

Freight train.

Weather Conditions: Wind Speed (avg.): 1.5 Wind Speed (Max): 5.1 Temp (F°): 85

<b><u>Descriptor:</u></b>	<b><u>Levels:</u></b>
<b><u>L<sub>eq</sub></u></b>	58.8
<b><u>L<sub>max</sub></u></b>	75.0
<b><u>L<sub>min</sub></u></b>	46.5
<b><u>L<sub>1</sub></u></b>	70.7
<b><u>L<sub>5</sub></u></b>	63.8
<b><u>L<sub>95</sub></u></b>	48.1
<b><u>L<sub>50</sub></u></b>	53.2
<b><u>L<sub>90</sub></u></b>	48.7
<b><u>L<sub>99</sub></u></b>	47.1

File Number: 88



Diagram:



Location Photo:



# Noise Measurement Survey

Project Number: STI1501 Test Personnel: Daniel Kaufman  
Project Name: HSR B-LA Technical Noise Study Equipment: Larson Davis 824

Site Number: SST-4 Date: 08/05/16 Time: From 12:11 PM To 12:48 PM

Site Location: In front of residences at 3970 Seneca Avenue and 3964 Seneca Avenue, Los Angeles.

Noise Sources: Traffic on Los Feliz Boulevard, traffic on Seneca Avenue (occasional).

Comments: Wind rustling leaves in nearby trees.

Paused due to siren at 12:15PM and 12:16 PM.

Crow at 12:21PM-12:22PM.

Dogs barking at 12:27 PM , paused and moved a few houses over to 3964 Seneca Avenue Workers moving ladders across street, paused at 12:41 PM.

Pause for airplane and ladders at 12:48PM.

Weather Conditions: Wind Speed (avg.): 1.5 Wind Speed (Max): 6.2 Temp (F°): 85.7

<b><u>Descriptor:</u></b>	<b><u>Levels:</u></b>
<b><u>L<sub>eq</sub></u></b>	60.6
<b><u>L<sub>max</sub></u></b>	88.8
<b><u>L<sub>min</sub></u></b>	46.4
<b><u>L<sub>1</sub></u></b>	67.1
<b><u>L<sub>5</sub></u></b>	62.0
<b><u>L<sub>25</sub></u></b>	49.1
<b><u>L<sub>50</sub></u></b>	54.4
<b><u>L<sub>90</sub></u></b>	50.0
<b><u>L<sub>99</sub></u></b>	47.7

File Number: 91



Diagram:



Location Photo:





# Noise Measurement Survey

Project Number: STI1501 Test Personnel: JT Stephens  
Project Name: HSR B-LA Technical Noise Study Equipment: Larson Davis 831

Site Number: SST-5 Date: 08/08/16 Time: From 12:46PM To 1:16 PM

Site Location: In front of residence at 2668 Loosmore Avenue, Los Angeles.

Noise Sources: Traffic on Loosmore Avenue, traffic on San Fernando Boulevard and trains.

Comments: \_\_\_\_\_

Weather Conditions: Wind Speed (avg.): 0.8 Wind Speed (Max): 2.4 Temp (F°): 85.0

<u>Descriptor:</u>	<u>Levels:</u>
<u>L<sub>eq</sub></u>	51.9
<u>L<sub>max</sub></u>	73.9
<u>L<sub>min</sub></u>	44.1
<u>L<sub>2</sub></u>	59.7
<u>L<sub>8</sub></u>	54.0
<u>L<sub>25</sub></u>	50.4
<u>L<sub>50</sub></u>	48.7
<u>L<sub>90</sub></u>	46.1
<u>L<sub>99</sub></u>	45.0

File Number: 407

Diagram:



Location Photo:





# Noise Measurement Survey

Project Number: STI1501  
Project Name: HSR B-LA Technical Noise Study

Test Personnel: Daniel Kaufman  
Equipment: Larson Davis 824

Site Number: SST-6 Date: 08/09/16

Time: From 8:04 AM To 8:34 AM

Site Location: Southeast corner of San Fernando Boulevard and Poplar Street, Los Angeles, on the sidewalk. Next to AAA Trailer Home Estates at 660 North San Fernando Road, and across from Cypress Park Recreation Center.

Noise Sources: Traffic on San Fernando Boulevard and trains.

Comments: Five trains, some trucks louder than trains.

Weather Conditions: Wind Speed (avg.): 0.9 Wind Speed (Max): 3.9 Temp (F°): 73.0

<b><u>Descriptor:</u></b>	<b><u>Levels:</u></b>
<b><u>L<sub>eq</sub></u></b>	73.1
<b><u>L<sub>max</sub></u></b>	85.1
<b><u>L<sub>min</sub></u></b>	73.6
<b><u>L<sub>2</sub>L<sub>1</sub></u></b>	79.5
<b><u>L<sub>8</sub>L<sub>5</sub></u></b>	77.2
<b><u>L<sub>25</sub>L<sub>95</sub></u></b>	65.4
<b><u>L<sub>50</sub></u></b>	71.8
<b><u>L<sub>90</sub></u></b>	66.9
<b><u>L<sub>99</sub></u></b>	61.8

File Number: 93

Diagram:



Location Photo:

