Appendix I

Noise Report

Noise and Vibration Assessment

525 South Virgil Avenue Project

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LIST OF ABBREVIATED TERMS

ADA	Americans with Disabilities Act
ADT	Average daily traffic
dBA	A-weighted sound level
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
CNEL	Community equivalent noise level
cy	Cubic yards
CMU	Concrete masonry unit
L_{dn}	Day-night noise level
dB	Decibel
EV	Electric vehicle
EPMs	Environmental Protection Measures
L_{eq}	Equivalent noise level
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HVAC	Heating, ventilation, and air conditioning
Hz	Hertz
in/sec	Inches-per-second
LADOT	Los Angeles Department of Transportation
LAX	Los Angeles International Airport
LAMC	Los Angeles Municipal Code
L_{max}	Maximum noise level
µPa	Micropascals
L_{min}	Minimum noise level
PPV	Peak particle velocity
RCNM	Roadway Construction Noise Model
RMS	Root mean square
sf	Square feet or square foot
VMT	Vehicle miles traveled
VdB	Vibration decibles

1.0 INTRODUCTION

This Noise and Vibration Assessment assesses the potential noise and vibration impacts associated with construction and operations of the proposed 525 South Virgil Avenue Project ("Project" or "proposed Project").

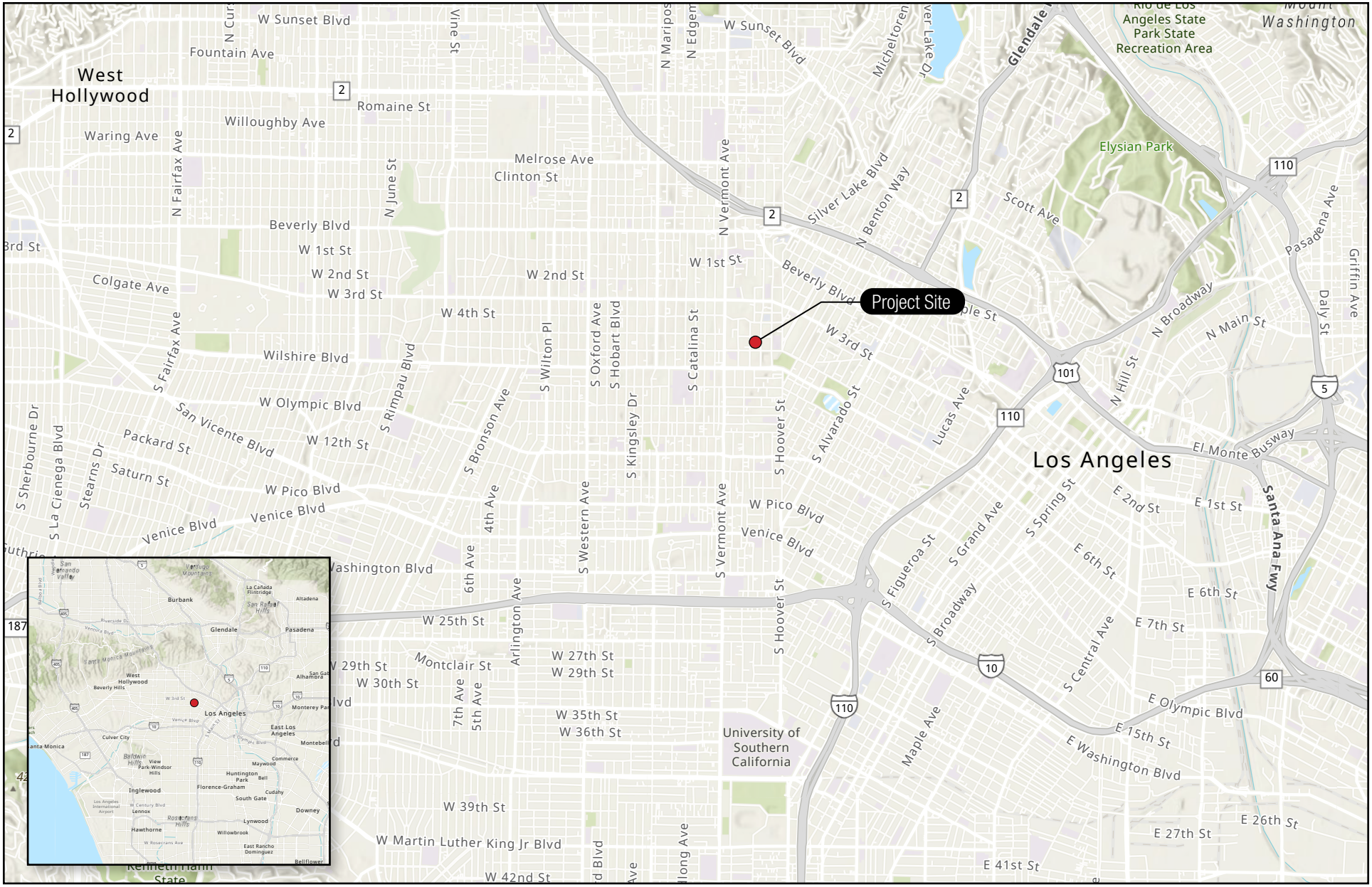
1.1 Project Location

The Project is currently developed with a vacant, approximately 56,072 square foot (sf), four-story commercial building constructed in 1965, a surface parking lot, and metal fencing along the perimeter of the Project Site. The Project Site is bordered by adjacent office/medical, commercial, and residential development to the north, Virgil Avenue to the east, commercial development, including a Carl's Jr. restaurant, to the south, and Westmoreland Avenue and residential development to the west. Directly north of the Project Site is a residential apartment building and a medical office building. East of the Project Site across South Virgil Avenue is a surface parking lot, pharmacy, food bank, and medical clinic. South of the Project Site is a surface parking lot, restaurants, auto body shop, and a hair salon. Directly to the west of the Project Site across Westmoreland Avenue is a church, multi-family housing, and associated surface parking. Please refer to Figure 1: Regional Vicinity and Figure 2: Local Vicinity Map.

Regional vehicle access to the Project Site is provided by the U.S. 101 (US 101 Freeway) located 0.9 miles to the north of the Project Site, California State Route 110 (I-110) Freeway located 1.74 miles to the southeast of the Project Site, and California State Route 10 (I-10) located 1.87 miles south of the Project Site. Local vehicle access to the Project Site is provided via 5th Street to the north, Virgil Avenue to the east, 6th Street to the south, and Westmoreland Avenue to the west. The Project Site is in proximity to several transit options. Numerous Metro transit and Los Angeles Department of Transportation (LADOT) transit bus lines run and stop in the greater vicinity of the Project, including Metro Lines 18, 20, and 204 and the LADOT Wilshire Center/Koreatown Clockwise and Counterclockwise Line. Los Angeles Metro Bus Route 18 is located approximately 310 feet southwest of the Project Site and runs east to west on 6th Street. LA Metro Bus Route 20 is located approximately 962 feet south of the Project Site and runs east to west on Wilshire Boulevard. LA Metro Bus Route 204 and LADOT Wilshire Center/Koreatown Clockwise and Counterclockwise Bus Route are located approximately 0.3 miles west of the Project Site and run north to south along Vermont Avenue. The Project Site is located approximately 0.25 miles northeast of the Wilshire and Vermont Metro Station, which serves the B Line (formally the Red line) and the D Line (formally the Purple Line). Additionally, the Project Site is approximately 0.8 miles northeast of the Wilshire and Normandie Station, which serves the D line (formally the Purple line).

1.2 Project Description

The Project would demolish the existing 56,072 sf vacant office building and its associated parking lot and construct an approximately 252,876 sf, eight-story self-storage building and ground-level parking. See Figure 3: Project Site Plan**.** The ground floor would also contain an office, a lobby, restrooms, elevators, a transformer yard, and bicycle parking spaces. A street-level display window on Virgil Avenue showcasing products available for purchase would be located on the ground floor of the Project. Also located on the ground floor would be approximately 24 automobile stalls,

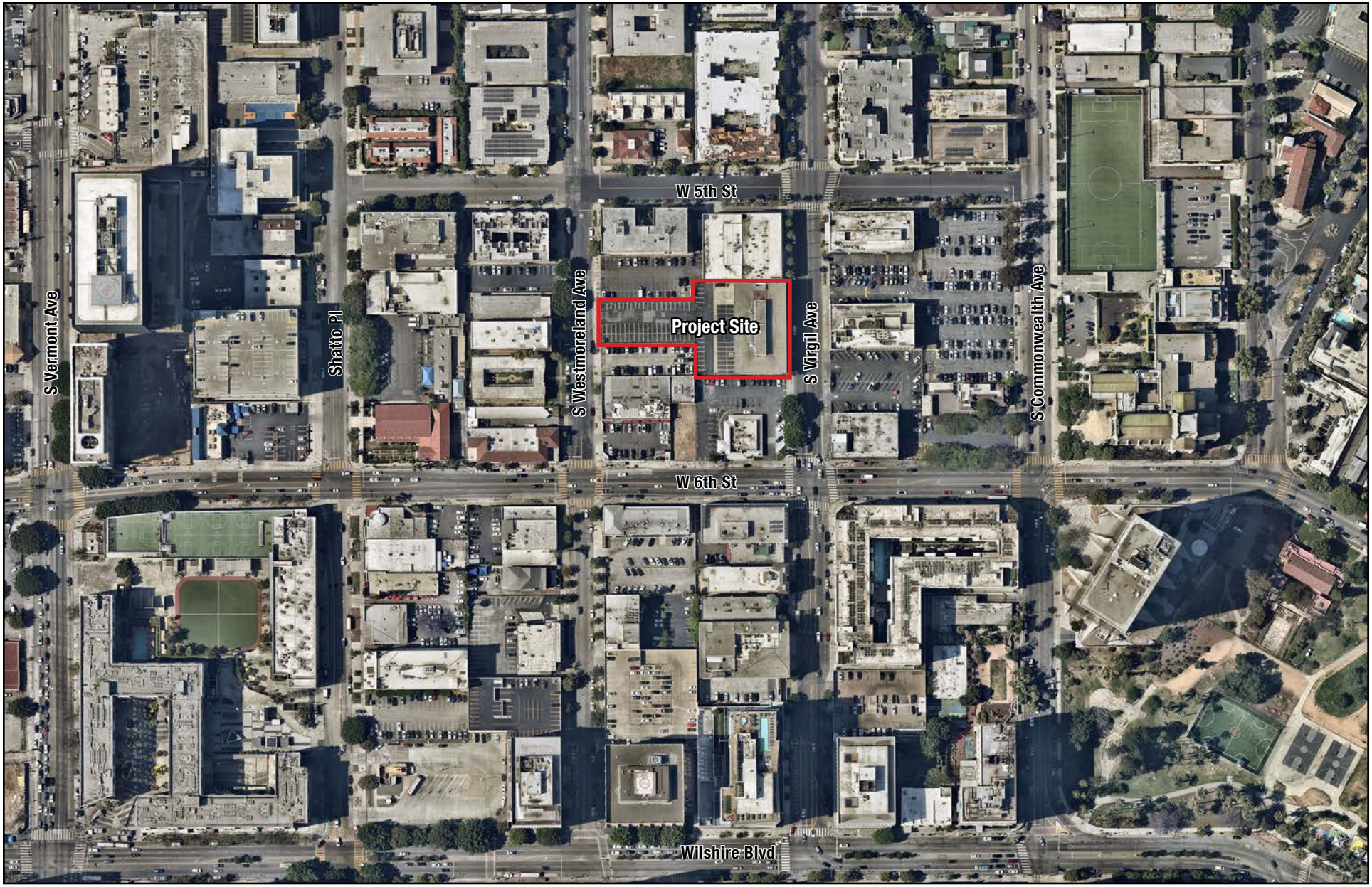


SOURCE: ArcGIS Pro, 2025

FIGURE 1: Regional Vicinity Map

525 SOUTH VIRGIL AVENUE PROJECT

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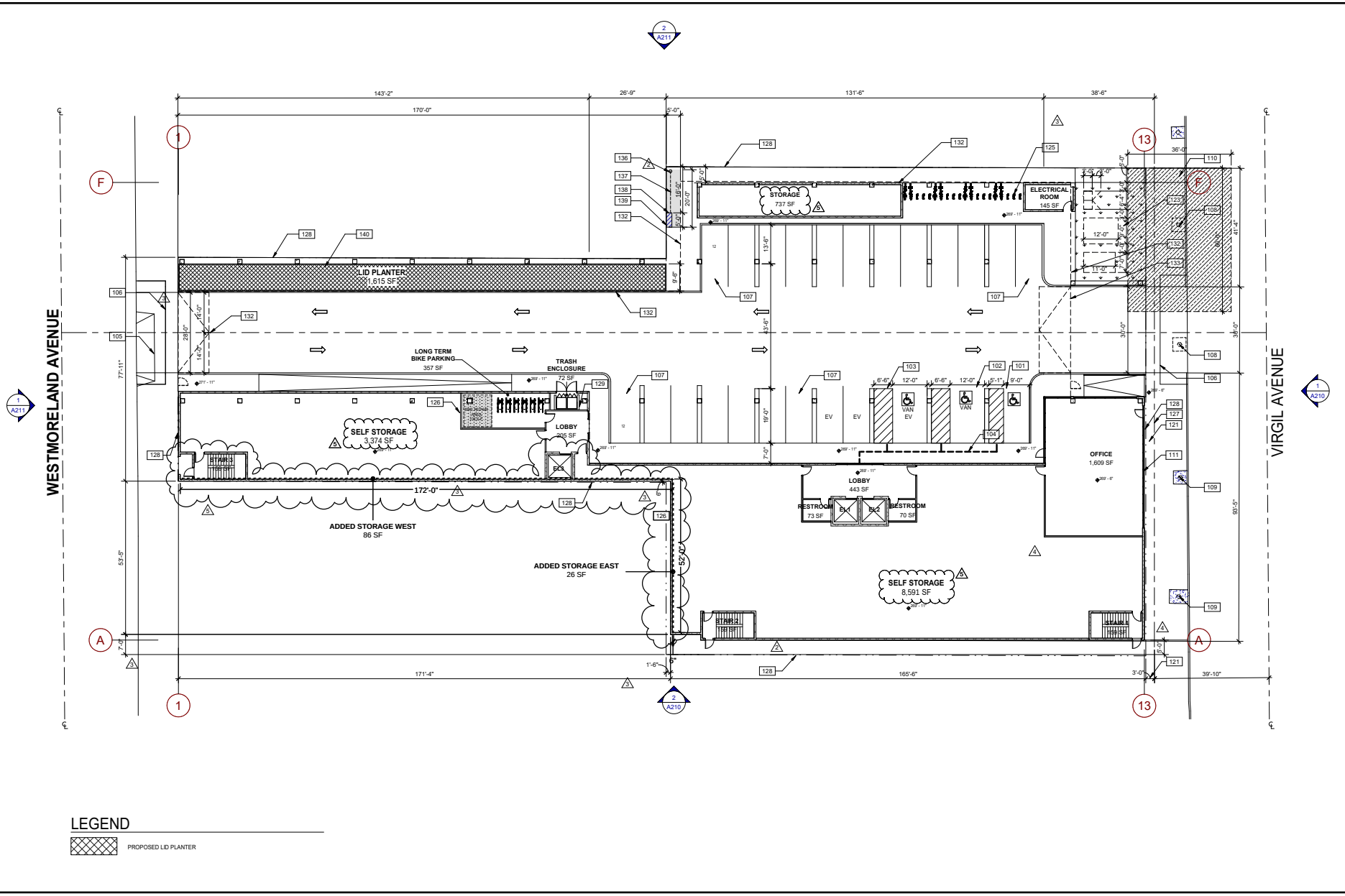


SOURCE: Nearmap, 2025

FIGURE 2: Local Vicinity Map

525 SOUTH VIRGIL AVENUE PROJECT

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SOURCE: Ware Malcomb, 2026

FIGURE 3: Project Site Plan

525 SOUTH VIRGIL AVENUE PROJECT

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including Americans with Disabilities Act (ADA) compliant stalls and electric vehicle (EV) parking stalls. The Project would also include some drought-tolerant landscaping as well as multiple large murals.

1.3 Open Space and Landscaping

The Project would not include residential uses; therefore, no open space requirements would apply to the Project. There are no trees on the Project Site and four street trees (*Ficus Nitida*) located along Virgil Avenue. The Project proposes the removal of the two northern street trees and the retention of the two southern street trees. None of the trees are protected by the City of Los Angeles Protected Tree and Shrubs Ordinance No. 186,873. Furthermore, any removal of street trees would require approval from the City of Los Angeles Bureau of Street Services. Additionally, the Project would include some drought-tolerant landscaping and green roof trays.

1.4 Site Security

During construction, the Project Site would be secured with perimeter fencing. During Project operations, the Project would be open seven days a week. The front office would be open to the public from approximately 9:00 a.m. to 6:00 p.m. daily, where visitors can purchase supplies and other conveniences, but otherwise the storage portions of the facility would only be accessible to customers and only between the hours of approximately 6:00 a.m. to 10:00 p.m. daily.

The Project would incorporate numerous safety features, including security cameras, burglar alarms, access control to the building, and bolt-cutter resistant cylinder locks. The plans for the Project would incorporate guidelines as identified in the "Design Out Crime Guidelines: Crime Prevention Through Environmental Design," published by the Los Angeles Police Department. The Project would include well-illuminated public and semi-public spaces designed with minimal dead space to eliminate areas of concealment.

1.5 Sustainability Features

The Project would comply, as applicable, with the Green Building Code, which requires the use of numerous conservation measures beyond those required by Title 24 of the California Administrative Code. The Green Building Code contains both mandatory and voluntary green building measures to conserve energy. The Project would include EV spaces, bike parking and storage, and low-flow water fixtures. The Project would utilize drought tolerant landscaping and water efficient irrigation. The Project's infill location would promote the concentration of development in an urban location with extensive infrastructure and access to public transit facilities, which would reduce vehicle miles traveled (VMT) for the Project.

1.6 Anticipated Construction Schedule

Development of the Project would require the export of approximately 5,600 cubic yards (cy) of soil (7,280 cy with a 30-percent swell factor applied). All necessary utility improvements, including water, sewer, and storm drain, would be constructed within the Project Site. For the purposes of this analysis, the Project's construction schedule is assumed to be approximately 18 months, with construction beginning in the second quarter of 2027 and ending in the fourth quarter of 2028. The Project is anticipated to be operational in 2028.

Construction activities would be performed in accordance with all applicable State and federal laws and City Codes and policies with respect to building construction and activities. As provided in Section 41.40 of the Los Angeles Municipal Code (LAMC), the permissible hours of construction within the City are 7:00 a.m. to 9:00 p.m. Monday through Friday, and between 8:00 a.m. and 6:00 p.m. on any Saturday or national holiday. No construction activities are permitted on Sundays. Project construction will comply with LAMC Section 41.40.

2.0 ACOUSTIC FUNDAMENTALS

2.1 Sound and Environmental Noise

Acoustics is the science of sound. Sound can be described as the mechanical energy of a vibrating object transmitted by pressure waves through a medium (e.g., air) to human (or animal) ear. If the pressure variations occur frequently enough (at least 20 times per second), they can be heard and are called sound. The number of pressure variations per second is called the frequency of sound and is expressed as cycles per second, or hertz (Hz).[1]

Noise is defined as loud, unexpected, or annoying sound.[2] The fundamental model consists of a noise source, a receptor, and the propagation path between the two.[3] The loudness of the noise source, obstructions, or atmospheric factors affecting the propagation path, determine the perceived sound level and noise characteristics at the receptor. Acoustics deal primarily with the propagation and control of sound.[4] A typical noise environment consists of ambient noise that is the sum of many distant and indistinguishable noise sources. Superimposed on this ambient noise is the sound from individual local sources. These sources can vary from an occasional aircraft or train passing by to continuous noise from traffic on a major highway. Perceptions of sound and noise are highly subjective from person to person.

Measuring sound directly in terms of pressure would require a large range of numbers. To avoid this, the decibel (dB) scale was devised. The dB scale uses the hearing threshold of 20 micro-pascals (µPa) as a point of reference, defined as 0 dB.[5] Other sound pressures are then compared to this reference pressure, and the logarithm is taken to keep the numbers in a practical range. The dB scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels correspond closely to human perception of relative loudness. Table 1: Typical Noise Levels provides typical noise levels.

Table 1: Typical Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	– 110 –	Rock Band
Jet fly-over at 1,000 feet		
	– 100 –	
Gas lawnmower at 3 feet		
	– 90 –	
Diesel truck at 50 feet at 50 miles per hour		Food blender at 3 feet
	– 80 –	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawnmower, 100 feet	**– 70 –**	Vacuum cleaner at 10 feet
Commercial area		Normal Speech at 3 feet
Heavy traffic at 300 feet	**– 60 –**	
		Large business office
Quiet urban daytime	**– 50 –**	Dishwasher in next room
Quiet urban nighttime	**– 40 –**	Theater, large conference room (background)

[1] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, 2013.
[2] Cyril M. Harris, Noise Control in Buildings: A Practical Guide for Architects and Engineers, 1994.
[3] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-1, 2013.
[4] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-2, 2013.
[5] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-8, 2013.

Table 1: Typical Noise Levels		
Common Outdoor Activities	**Noise Level (dBA)**	**Common Indoor Activities**
Quiet suburban nighttime		
	– 30 –	Library
Quiet rural nighttime		Bedroom at night, concert hall (background)
	– 20 –	
		Broadcast/recording studio
	– 10 –	
Lowest threshold of human hearing	**– 0 –**	Lowest threshold of human hearing
Source: California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, 2013.		

Noise Descriptions

The dB scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Several rating scales have been developed to analyze the adverse effect of community noise on people. Because environmental noise fluctuates over time, these scales consider that the effect of noise on people is largely dependent on the total acoustical energy content of the noise, as well as the time of day when the noise occurs.[6] The equivalent noise level (L_{eq}) represents the equivalent continuous sound pressure level over the measurement period, while the day-night noise level (L_{dn}) and Community Equivalent Noise Level (CNEL) are measures of sound energy during a 24-hour period, with dB weighted sound levels from 7:00 p.m. to 7:00 a.m.[7] Most commonly, environmental sounds are described in terms of L_{eq} that has the same acoustical energy as the summation of all the time-varying events. Each is applicable to this analysis and is defined in Table 2: Definitions of Acoustical Terms.

Table 2: Definitions of Acoustical Terms	
Term	**Definitions**
Decibel (dB)	A unit describing the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20.
Sound Pressure Level	Sound pressure is the sound force per unit area, usually expressed in µPa (or 20 micronewtons per square meter), where 1 pascal is the pressure resulting from a force of 1 newton exerted over an area of 1 square meter. The sound pressure level is expressed in dB as 20 times the logarithm to the base 10 of the ratio between the pressures exerted by the sound to a reference sound pressure (e.g. 20 µPa). Sound pressure level is the quantity that is directly measured by a sound level meter.
Frequency (Hz)	The number of complete pressure fluctuations per second above and below atmospheric pressure. Normal human hearing is between 20 Hz and 20,000 Hz. Infrasonic sound are below 20 Hz and ultrasonic sounds are above 20,000 Hz.
A-Weighted Sound Level (dBA)	The sound pressure level in dB as measured on a sound level meter using the A-weighting filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise.
Equivalent Noise Level (L_{eq})	The average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.

[6] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-47, 2013.
[7] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-48, 2013.

Table 2: Definitions of Acoustical Terms	
Term	**Definitions**
Maximum Noise Level (L_{max}) Minimum Noise Level (L_{min})	The maximum and minimum dBA during the measurement period.
Exceeded Noise Levels (L_{01}, L_{10}, L_{50}, L_{90})	The dBA values that are exceeded 1%, 10%, 50%, and 90% of the time during the measurement period.
Day-Night Noise Level (L_{dn})	A 24-hour average L_{eq} with a 10 dBA weighting added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity at nighttime. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.4 dBA L_{dn}.
Community Noise Equivalent Level (CNEL)	A 24-hour average L_{eq} with a 5 dBA weighting during the hours of 7:00 p.m. to 10:00 p.m. and a 10 dBA weighting added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the evening and nighttime, respectively. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.7 dBA CNEL.
Ambient Noise Level	The composite of noise from all sources near and far. The normal or existing level of environmental noise at a given location.
Intrusive	That noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends on its amplitude, duration, frequency, and time of occurrence and tonal or informational content as well as the prevailing ambient noise level.
Source: California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, 2013.	

The A-weighted decibel (dBA) sound level scale gives greater weight to the frequencies of sound to which the human ear is most sensitive. Because sound levels can vary markedly over a short period of time, a method for describing either the average character of the sound or the statistical behavior of the variations must be utilized. Most commonly, environmental sounds are described in terms of an average level that has the same acoustical energy as the summation of all the time-varying events.

The scientific instrument used to measure noise is the sound level meter. Sound level meters can accurately measure environmental noise levels to within about plus or minus 1 dBA.[8] Various computer models are used to predict environmental noise levels from sources, such as roadways and airports. The accuracy of the predicted models depends on the distance between the receptor and the noise source.

A-Weighted Decibels

The perceived loudness of sounds is dependent on many factors, including sound pressure level and frequency content.[9] However, within the usual range of environmental noise levels, perception of loudness is relatively predictable and can be approximated by dBA values. There is a strong correlation between dBA and the way the human ear perceives sound. For this reason, the dBA has become the standard tool of environmental noise assessment. All noise levels reported in this document are in terms of dBA, but are expressed as dB, unless otherwise noted.

Addition of Decibels

The dB scale is logarithmic, not linear, and therefore sound levels cannot be added or subtracted

[8] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 3-14, 2013.
[9] Cyril M. Harris, Noise Control in Buildings: A Practical Guide for Architects and Engineers, 1994.

through ordinary arithmetic. Two sound levels 10 dB apart differ in acoustic energy by a factor of 10.[10] When the standard logarithmic dB is A-weighted, an increase of 10 dBA is generally perceived as a doubling in loudness. For example, a 70 dBA sound is half as loud as an 80 dBA sound and twice as loud as a 60 dBA sound.[11] When two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be 3 dBA higher than one source under the same conditions.[12] Under the dB scale, three sources of equal loudness together would produce an increase of approximately 5 dBA.[13]

Sound Propagation and Attenuation

Sound spreads (propagates) uniformly outward in a spherical pattern, and the sound level decreases (attenuates) at a rate of approximately 6 dB for each doubling of distance from a stationary or point source. Sound from a line source, such as a highway, propagates outward in a cylindrical pattern. Sound levels attenuate at a rate of approximately 3 dB for each doubling of distance from a line source, such as a roadway, depending on ground surface characteristics.[14] No excess attenuation is assumed for hard surfaces like a parking lot or a body of water. Soft surfaces, such as soft dirt or grass, can absorb sound, so an excess ground-attenuation value of 1.5 dB per doubling of distance is normally assumed when soft ground conditions exist between the source and receptor locations.[15] For line sources, an overall attenuation rate of 3 dB per doubling of distance is assumed in this report.

Noise levels may also be reduced by intervening structures; generally, a single row of buildings between the receptor and the noise source reduces the noise level by about 5 dBA[16], while a solid wall or berm can reduce noise levels by 5 to 15 dBA.[17] The way older homes in California were constructed generally provides a reduction of exterior-to-interior noise levels of about 20 to 25 dBA with closed windows.

Human Response to Noise

The human response to environmental noise is subjective and varies considerably from individual to individual. Noise in the community has often been cited as a health problem, not in terms of actual physiological damage, such as hearing impairment, but in terms of inhibiting general well-being and contributing to undue stress and annoyance. The health effects of noise in the community arise from interference with human activities, including sleep, speech, recreation, and tasks that demand concentration or coordination. Hearing loss can occur at the highest noise intensity levels.

Noise environments and consequences of human activities are usually well represented by median noise levels during the day or night or over a 24-hour period. Environmental noise levels are generally considered low when the CNEL is below 60 dBA, moderate in the 60 to 70 dBA range, and high above

[10] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-10, 2013.
[11] Federal Highway Administration, Noise Fundamentals, 2017, https://www.fhwa.dot.gov/environMent/noise/regulations_and_guidance/polguide/polguide02.cfm. Accessed November 25, 2025.
[12] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-14, 2013.
[13] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-14, 2013.
[14] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-29, 2013.
[15] Federal Highway Administration, FHWA Traffic Noise Model User's Guide,1998.
[16] California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, page 2-35, 2013.
[17] Federal Highway Administration, Appendix A: Best Practices for Calculating Estimated Shielding for Use in the RCNM, 2017, https://www.fhwa.dot.gov/Environment/noise/construction_noise/rcnm/rcnm10.cfm#appa. Accessed November 25, 2025.

70 dBA.[18] Examples of low daytime levels are isolated, natural settings with noise levels as low as 20 dBA and quiet, suburban, residential streets with noise levels around 40 dBA.[19] Noise levels above 45 dBA at night can disrupt sleep. Examples of moderate-level noise environments are urban residential or semi-commercial areas (typically 55 to 60 dBA) and commercial locations (typically 60 dBA). People may consider louder environments adverse, but most will accept the higher levels associated with noisier urban residential or residential-commercial areas (60 to 75 dBA) or dense urban or industrial areas (65 to 80 dBA). Regarding increases in dBA, the following relationships should be noted:[20]

- Except in carefully controlled laboratory experiments, a 1 dBA change cannot be perceived by humans.
- Outside of the laboratory, a 3 dBA change is considered a just-perceivable difference.
- A minimum 5 dBA change is required before any noticeable change in community response would be expected. A 5 dBA increase is typically considered substantial.
- A 10 dBA change is subjectively heard as an approximate doubling in loudness and would almost certainly cause an adverse change in community response.

Effects of Noise on People

Hearing Loss. While physical damage to the ear from an intense noise impulse is rare, a degradation of auditory acuity can occur even within a community noise environment. Hearing loss occurs mainly due to chronic exposure to excessive noise but may be due to a single event such as an explosion. Natural hearing loss associated with aging may also be accelerated from chronic exposure to loud noise. The Occupational Safety and Health Administration has a noise exposure standard that is set at the noise threshold where hearing loss may occur from long-term exposures. The maximum allowable level is 90 dBA averaged over 8 hours. If the noise is above 90 dBA, the allowable exposure time is correspondingly shorter.[21]

Annoyance. Attitude surveys are used for measuring the annoyance felt in a community for noises intruding into homes or affecting outdoor activity areas. In these surveys, it was determined that causes for annoyance include interference with speech, radio and television, house vibrations, and interference with sleep and rest. The L_{dn} as a measure of noise has been found to provide a valid correlation of noise level and the percentage of people annoyed. People have been asked to judge the annoyance caused by aircraft noise and ground transportation noise. There continues to be disagreement about the relative annoyance of these different sources. A noise level of about 55 dBA L_{dn} is the threshold at which a substantial percentage of people begin to report annoyance.[22]

[18] Compiled from James P. Cowan, Handbook of Environmental Acoustics, 1994. and Cyril M. Harris, Handbook of Noise Control, 1979.
[19] Compiled from James P. Cowan, Handbook of Environmental Acoustics, 1994. and Cyril M. Harris, Handbook of Noise Control, 1979.
[20] Compiled from California Department of Transportation, Technical Noise Supplement to the Traffic Noise Analysis Protocol, 2013. and Federal Highway Administration, Noise Fundamentals, 2017, https://www.fhwa.dot.gov/environMent/noise/regulations_and_guidance/polguide/polguide02.cfm. Accessed November 25, 2025.
[21] United States Department of Labor, Occupational Safety and Health Standards, 29 Code of Federal Regulations (CFR) 1910 (Occupational Noise Exposure).
[22] Federal Interagency Committee on Noise, Federal Agency Review of Selected Airport Noise Analysis Issues, page 3-8, 1992.

2.2 Groundborne Vibration

Sources of groundborne vibrations include natural phenomena (earthquakes, volcanic eruptions, sea waves, landslides, etc.) or man-made causes (explosions, machinery, traffic, trains, construction equipment, etc.). Vibration sources may be continuous (e.g., factory machinery) or transient (e.g., explosions or heavy equipment used during construction). Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero.[23] Several different methods are typically used to quantify vibration amplitude. One is vibration decibels (VdB) (the vibration velocity level in dB scale). Other methods are the peak particle velocity (PPV) and the root mean square (RMS) velocity. The PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave and expressed in terms of inches-per-second (in/sec). The RMS velocity is defined as the average of the squared amplitude of the signal and is expressed in terms of VdB.[24] The PPV and RMS vibration velocity amplitudes are used to evaluate human response to vibration.

Table 3: Human Reaction and Damage to Buildings for Continuous or Frequent Intermittent Vibrations displays the reactions of people and the effects on buildings produced by continuous vibration levels. The human annoyance levels shown in the table should be interpreted with care since vibration may be found to be annoying at much lower levels than those listed, depending on the level of activity or the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors, or stacked dishes. The rattling sound can give rise to exaggerated vibration complaints, even though there is very little risk of actual structural damage. In high noise environments, which are more prevalent where groundborne vibration approaches perceptible levels, this rattling phenomenon may also be produced by loud airborne environmental noise causing induced vibration in exterior doors and windows.

Ground vibration can be a concern in instances where buildings shake and substantial rumblings occur. However, it is unusual for vibration from typical urban sources such as buses and heavy trucks to be perceptible.[25] Common sources for groundborne vibration are planes, trains, and construction activities such as earth-moving, which requires the use of heavy-duty earth moving equipment.[26] For the purposes of this analysis, a PPV descriptor with units of in/sec was used to evaluate construction-generated vibration for building damage and human complaints.

Table 3: Human Reaction and Damage to Buildings for Continuous or Frequent Intermittent Vibrations

Maximum PPV (in/sec)	Caltrans Vibration Annoyance Potential Criteria	Caltrans Vibration Damage Potential Threshold Criteria	FTA Vibration Damage Criteria
0.008	--	Extremely fragile historic buildings, ruins, ancient monuments	--
0.08	Readily Perceptible	--	--
0.1	Begins to Annoy	Fragile buildings	--
0.12	--	--	Buildings extremely susceptible to vibration damage

[23] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 110, 2018.
[24] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 110, 2018.
[25] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 112, 2018.
[26] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 115, 2018.

Table 3: Human Reaction and Damage to Buildings for Continuous or Frequent Intermittent Vibrations			
0.2	Annoying	--	Non-engineered timber and masonry buildings
0.25	--	Historic and some old buildings	--
0.3	--	Older residential structures	Engineered concrete and masonry
0.4	Unpleasant	--	--
0.5	--	New residential structures, Modern industrial/commercial buildings	Reinforced-concrete, steel or timber (no plaster)
PPV = peak particle velocity; in/sec = inches per second; Caltrans = California Department of Transportation; FTA = Federal Transit Administration			
Source: California Department of Transportation, Transportation and Construction Vibration Guidance Manual, 2020; Federal Transit Administration, Transit Noise and Vibration Assessment Manual, 2018.			

2.3 Groundborne Noise

Groundborne noise specifically refers to the rumbling noise emanating from the motion of building room surfaces due to the vibration of floors and walls; it is perceptible only inside buildings.[27] The relationship between groundborne vibration and groundborne noise depends on the frequency content of the vibration and the acoustical absorption characteristics of the receiving room. For typical buildings, groundborne vibration that causes low frequency noise (i.e., the vibration spectrum peak is less than 30 Hz) results in a groundborne noise level that is approximately 50 dB lower than the velocity level. For groundborne vibration that causes mid-frequency noise (i.e., the vibration spectrum peak is between 30 and 60 Hz), the groundborne noise level will be approximately 35 dB lower than the velocity level. For groundborne vibration that cause high-frequency noise (i.e., the vibration spectrum peak is greater than 60 Hz), the groundborne noise level will be approximately 20 dB lower than the velocity level.[28] The Federal Transit Administration (FTA) provides a groundborne noise threshold of 43 dBA for infrequent vibration events in Category 2 buildings such as residences and buildings where people normally sleep. For frequent and occasional vibratory events, the FTA established groundborne noise thresholds of 35 dBA and 38 dBA, respectively.[29]

According to the FTA, airborne noise levels would be greater than groundborne noise levels; therefore, if a project's airborne noise levels would not result in significant effects, then it is assumed that groundborne noise would similarly not result in significant effects.[30] Unless indoor receptors have substantial sound insulation (e.g., recording studio) and would be exposed to vibration velocities great enough to cause substantial levels of groundborne noise, groundborne noise does not need to be assessed.[31] Groundborne noise is typically assessed for locations where subway or tunnel operations, where there is no airborne noise path, are present.[32]

3.0 REGULATORY SETTING

To limit population exposure to physically or psychologically damaging, as well as intrusive, noise levels, the federal government, the State of California, various county governments, and most

[27] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 118, 2018.
[28] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 146, 2018.
[29] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 120, 2018.
[30] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 124, 2018.
[31] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 124, 2018.
[32] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 124, 2018.

municipalities in the state have established standards and ordinances to control noise.

3.1 Federal

Federal Transit Administration Noise and Vibration Guidance

The FTA has published the *Transit Noise and Vibration Impact Assessment Manual* (FTA Manual) to provide guidance on procedures for assessing impacts at different stages of transit project development.[33] The FTA Manual covers both construction and operational noise impacts and describes a range of measures for controlling excessive noise and vibration. In general, the primary concern regarding vibration relates to potential physical damage from construction, but it also includes criteria for assessing human annoyance. The FTA Manual establishes criteria for evaluating the potential for damage to various structural categories from vibration.

3.2 State of California

California Government Code

California Government Code Section 65302(f) mandates that the legislative body of each county and city adopt a noise element as part of its comprehensive general plan. The local noise element must recognize the land use compatibility guidelines established by the State Department of Health Services.[34] The guidelines rank noise land use compatibility in terms of "normally acceptable", "conditionally acceptable", "normally unacceptable", and "clearly unacceptable" noise levels for various land use types. Under these guidelines, single-family homes are located in "normally acceptable" exterior noise environments up to 60 CNEL and in "conditionally acceptable" exterior noise environments up to 70 CNEL. Multiple-family residential uses are located in "normally acceptable" exterior noise environments up to 65 CNEL and in "conditionally acceptable" exterior noise environments up to 70 CNEL. Schools, libraries, and churches are located in "normally acceptable" exterior noise environments up to 70 CNEL, as are office buildings and business, commercial, and professional uses.

3.3 Local

City of Los Angeles General Plan

The City of Los Angeles General Plan Noise Element (Noise Element) provides guidance for the control of noise to protect residents, workers, and visitors from potentially adverse noise impacts.[35] Its primary goal is to regulate long-term noise impacts to preserve acceptable noise environments for all types of land uses. The Noise Element defers regulation of temporary, point-source noises such as construction activities to the City's Noise Ordinance. With regard to long-term noise impacts, the Noise Element contains stated goals, objectives, policies, and implementation programs for noise control.

Goal: A city where noise does not reduce the quality of urban life.

[33] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page v, 2018.
[34] State of California Governor's Office of Planning and Research, General Plan Guidelines, Appendix D: Noise Element Guidelines, page 374, 2017, https://opr.ca.gov/docs/OPR_COMPLETE_7.31.17.pdf. Accessed October 9, 2025.
[35] City of Los Angeles, City of Los Angeles General Plan Noise Element, 1999.

- Objective 2: Reduce or eliminate nonairport related intrusive noise, especially relative to noise sensitive uses.
    - Policy 2.2: Enforce and/or implement applicable city, state and federal regulations intended to mitigate proposed noise producing activities, reduce intrusive noise and alleviate noise that is deemed a public nuisance.
- Objective 3: Reduce or eliminate noise impacts associated with proposed development of land and changes in land use.
    - Policy 3.1: Develop land use policies and programs that will reduce or eliminate potential and existing noise impacts.

Implementation P5: Continue to enforce, as applicable, city, state and federal regulations intended to abate or eliminate disturbances of the peace and other intrusive noise.

Implementation P11: For a proposed development project that is deemed to have a potentially significant noise impact on noise sensitive uses, as defined by this chapter, require mitigation measures, as appropriate, in accordance with California Environmental Quality Act and city procedures.

Implementation P16: Use, as appropriate, the "Guidelines for Noise Compatible Land Use" (Exhibit I),[36] or other measures that are acceptable to the city, to guide land use and zoning reclassification, subdivision, conditional use and use variance determinations and environmental assessment considerations, especially relative to sensitive uses, as defined by this chapter, within a CNEL of 65 dB airport noise exposure areas and within a line-of-sight of freeways, major highways, railroads or truck haul routes.

L.A. CEQA Thresholds Guide

The City adopted the L.A. CEQA Thresholds Guide (Noise Regulations) in 2006, which was intended to provide guidance, as a voluntary tool, for State California Environmental Quality Act (CEQA) impact analyses.[37] These thresholds are currently only used as guidance in instances where City staff determines they are beneficial to use and supported with substantial evidence.[38] Additionally, the L.A. CEQA Thresholds Guide recognizes that its applicability and use may be re-evaluated after a period of use.

City of Los Angeles Updates to Thresholds and Methodology for Construction Noise and Vibration

The City adopted updates to the L.A. CEQA Thresholds Guide for construction noise and vibration (Construction Noise and Vibration Updates to Thresholds and Methodology [Thresholds Update]) in

[36] City of Los Angeles, City of Los Angeles General Plan Noise Element, Exhibit I: Guidelines for Noise Compatible Land Use, page I-1, 1999.
[37] City of Los Angeles, L.A. CEQA Thresholds Guide, 2006.
[38] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 6, 2024.

August 2024.[39]

The construction thresholds included in the Thresholds Update are intended to be suited to the generally urban nature of the City, while still recognizing the importance of human health, including sleep disruption. The updated thresholds are intended to account for reasonable expectations regarding construction noise and vibration during daytime and nighttime hours in the context of the City's physical environments and include absolute maximum noise levels that are intended to protect human health. As part of the Thresholds Update, the City lists environmental protection measures (EPMs) that can be implemented as conditions of approval at the discretion of the City.

Daytime Construction Noise Thresholds

Increase Over Ambient. For construction activities that occur between 7:00 a.m. and 7:00 p.m. Monday through Friday, and between 8:00 a.m. and 6:00 p.m. on Saturdays, no numerical threshold above ambient noise levels.[40]

Absolute Thresholds. On- and off-site construction noise during daytime hours (7:00 a.m. to 7:00 p.m. Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturdays) are limited to a maximum 80 dBA L_{eq} (8-hour) absolute threshold at sensitive uses (at the property line with outdoor uses or at the exterior of the building), including outdoor public recreational areas.[41]

This threshold applies to residential uses (at the property line with outdoor uses or at the exterior of the building); including expansive upper-level deck/open space areas that provide for the recreational use of residents. Examples include large patios or decks that are the primary outdoor use area in an apartment complex. However, this standard does not apply to private residential balconies which may or may not extend past the exterior of a building.[42]

Nighttime Construction Noise Thresholds

Nighttime construction activities shall not be permitted unless a variance is approved by the City of Los Angeles Police Commission. In the event that such variance is granted, the following thresholds shall apply.

Increase Over Ambient. For construction activities that occur between 7:00 p.m. and 7:00 a.m. Monday through Friday, and between 6:00 p.m. and 8:00 a.m. on Saturdays, and anytime on Sundays or national holidays, noise levels at sensitive uses would not exceed 5 dBA above the ambient noise level at the receptor.[43]

Absolute Noise. For construction activities that occur between 7:00 p.m. and 7:00 a.m. Monday through Friday, between 6:00 p.m. and 8:00 a.m. on Saturdays, and anytime on Sundays or national holidays, the maximum exterior noise level at sensitive uses where sleep is expected may not exceed the following:[44]

[39] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 6, 2024.
[40] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 13, 2024.
[41] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 15, 2024.
[42] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 15, 2024.
[43] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page, 16, 2024.
[44] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 17, 2024.

- 55 dBA L_{eq} for sensitive uses within older buildings that would have operable windows that may be open.
- 65 dBA L_{eq} for sensitive uses with windows closed that are not operable and are single-glazed.
- 70 dBA L_{eq} for sensitive uses that have newer construction (i.e., the structures have been designed to ensure that an interior 45 dBA is obtained with double-paned windows)

The Project does not anticipate applying for nighttime construction. Therefore, nighttime thresholds would not apply.

Vibration Thresholds for Human Annoyance

For construction activities that occur between 7:00 a.m. and 7:00 p.m. Monday through Friday, and between 8:00 a.m. and 6:00 p.m. on Saturdays, no numerical threshold is included related to human annoyance.[45]

During nighttime hours (between 7:00 p.m. and 7:00 a.m. Monday through Friday, and between 6:00 p.m. and 8:00 a.m. on Saturdays), and anytime on Sundays or national holidays, construction activities shall not generate groundborne vibration levels that exceed 80 VdB at the exterior of a sensitive use building.[46]

Project construction is not anticipated to occur during nighttime hours. Therefore, the nighttime thresholds would not apply.

Vibration Thresholds for Building Damage

Architectural Building Damage—Construction activities shall not exceed the following building damage thresholds for the identified structures:[47]

- Fragile Buildings: 0.1 PPV
- Historic Buildings: 0.25 PPV
- Older[48] Residential Structures: 0.3 PPV
- New Residential Structures: 0.5 PPV
- Modern Industrial/Commercial Buildings: 0.5 PPV

City of Los Angeles Municipal Code

The City has adopted regulations to control unnecessary, excessive, and annoying noise, as set forth in the City's Noise Ordinance (Chapter XI, Noise Regulation, of the LAMC). The City's Noise Ordinance establishes acceptable ambient sound levels to regulate intrusive noises (e.g., stationary

45 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 19, 2024.
46 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 19, 2024.
47 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, Attachment 2 – Thresholds, page 5, 2024.
48 A building over 50 years can be considered an "older" residential structure. Source: City of Los Angeles, Updates to Thresholds and Methodology for Construction Noise and Vibration, Attachment 2 – Thresholds, page 5, 2024.

mechanical equipment and vehicles other than those traveling on public streets) within specific land use zones and provides procedures and criteria for the measurement of the sound level of noise sources. These procedures recognize and account for differences in the perceived level of different types of noise and/or noise sources.

With regard to construction safeguards, LAMC Section 91.3307.1 states, "Adjoining public and private property shall be protected from damage during construction, remodeling, and demolition work. Protection must be provided for footings, foundations, party walls, chimneys, skylights, and roofs. Provisions shall be made to control water runoff and erosion during construction or demolition activities."

With regards to measuring noise, LAMC Section 111.02 (Sound Level Measurement Procedure and Criteria) provides procedures and criteria for the measurement of the sound level of "offending" noise sources.

With regards to noise generated by electronic devices, LAMC Section 112.01 (Radios, Television Sets, and Similar Devices) prohibits the production of noise from any radio, musical instrument, phonograph, television receiver, or other machine or device for the producing, reproducing or amplification of the human voice, music, or any other sound, in such a manner, as to disturb the peace, quiet, and comfort of neighbor occupants or any reasonable person residing or working in the area, or that exceeds the ambient noise level on the premises of any other occupied property, or if a condominium, apartment house, duplex, or attached business, within any adjoining unit, by more than 5 dBA.

With regards to noise generated by mechanical equipment, LAMC Section 112.02 (Air Conditioning, Refrigeration, Heating, Pumping, Filtering Equipment) limits increases in ambient noise levels created by air conditioning, refrigeration, heating, pumping and filtering equipment. Such equipment may not be operated in such manner as to create any noise which would cause the noise level on the premises of any other occupied property, or, if a condominium, apartment house, duplex, or attached business, within any adjoining unit, to exceed the ambient noise level by more than 5 dBA.

With regard to construction noise, LAMC Section 112.05 (Maximum Noise Level of Powered Equipment or Powered Hand Tools) sets forth a maximum noise level for construction equipment of 75 dBA at a distance of 50 feet when operated in or within 500 feet of a residential zone. Compliance with this standard shall not apply where compliance therewith is technically infeasible.[49] In addition, LAMC Section 41.40 (Noise Due to Construction, Excavation Work—When Prohibited) prohibits construction between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, before 8:00 a.m. and after 6:00 p.m. on Saturday or any national holiday, and at any time on Sunday (i.e., construction is allowed between 7:00 a.m. and 9:00 p.m. on Monday through Friday and between 8:00 a.m. and 6:00 p.m. on Saturdays and national holidays). Construction may be permitted outside of these hours if a temporary noise variance is approved by the Los Angeles Board of Police Commissioners.

[49] In accordance with LAMC Section 112.05 (Maximum Noise Level of Powered Equipment or Powered Hand Tools), "technically infeasible" means that the established noise limitations cannot be complied with at a project site despite the use of mufflers, shields, sound barriers, and/or other noise reduction devices or techniques employed during the operation of equipment.

4.0 EXISTING CONDITIONS

4.1 Existing Noise Sources

The Project Site is in an urbanized area that is developed with a diverse mix of land uses. The Project Site is impacted by various noise sources. Mobile sources of noise, including traffic along 5th Street, Virgil Avenue, 6th Street, and Westmoreland Avenue, are the most common and prominent existing sources of noise at the Project Site and in the surrounding area. Other ambient existing sources of noise on and near the Project Site include parking lot, mechanical equipment noise (e.g., heating, ventilation, and air conditioning [HVAC] units), noise from existing nearby commercial, residential, and institutional uses, and other miscellaneous noise sources associated with typical urban activities (e.g., idling cars/trucks, pedestrians, car radios and music playing, dogs barking, etc.).

4.2 Ambient Noise Levels

To establish baseline noise conditions at the Project Site and in the immediately surrounding area, Kimley-Horn conducted four short-term (15-minute) measurements and one long-term (24-hour) measurement; see Appendix A: Noise Data for additional details regarding how the ambient noise measurements were taken.[50] The noise measurement sites were selected to be representative of the existing ambient noise levels at the noise-sensitive uses adjacent to the Project Site. The 15-minute daytime measurements were taken between 10:20 a.m. and 11:45 a.m. on Wednesday, May 28, 2025. The 24-hour measurement was taken between 12:35 p.m. on Wednesday, May 28, 2025, and 12:46 p.m. on Thursday, May 29, 2025. Measurements of L_{eq} are considered representative of the noise levels throughout the day. The average noise levels measured at each location are listed in Table 4: Existing Noise Measurement Locations and Measurements and shown on Figure 4: Noise Measurement and Sensitive Receptor Locations Map.

Table 4: Existing Noise Measurement Locations and Measurements

Site	Location	Measurement Period	Duration	Daytime Average (dBA L_{eq})	Nighttime Average (dBA L_{eq})	24-hour Average (dBA L_{eq})
ST-1	Southwestern corner of 5th Street and Virgil Avenue	11:30 a.m. - 11:45 a.m. on May 28, 2025	15 minutes	58.1	-	-
ST-2	Adjacent to the Pilgram School parking lot and soccer field	10:20 a.m. - 10:35 a.m. on May 28, 2025	15 minutes	61.7	-	-
ST-3	Adjacent to 616 South Virgil Avenue	10:46 a.m. - 11:01 a.m. on May 28, 2025	15 minutes	68.4	-	-
ST-4	Adjacent to Westmore Manor Apartments	11:10 a.m. - 11:25 a.m. on May 28, 2025	15 minutes	64.7	-	-
LT	Center of the Project Site's northern boundary	12:35 p.m. on May 28, 2025 – 12:46 p.m. on May 29, 2025	24 hours	57.9	50.8	56.4

ST = short-term; LT = long-term

Source: Short-term noise measurements were taken by Kimley-Horn and Associates, May 28, 2025. The long-term noise measurement was taken by Kimley-Horn and Associates, May 28, 2025 to May 29, 2025. See Appendix A for noise measurement results.

[50] The ambient noise measurements were taken in accordance with LAMC Section 111.01 (Definitions), which requires the ambient noise to be measured over a period of at least 15 minutes.



SOURCE: Google Earth Pro, 2025

N.T.S.

FIGURE 4: Noise Measurement and Sensitive Receptor Locations Map

525 SOUTH VIRGIL AVENUE PROJECT

Kimley»Horn

4.3 Sensitive Receptors

Noise exposure standards and guidelines for various types of land uses reflect the varying noise sensitivities associated with each of these uses. The Noise Element defines sensitive receptors as single-family and multi-unit dwellings, long-term care facilities (including convalescent and retirement facilities), dormitories, motels, hotels, transient lodging, and other residential uses; houses of worship; hospitals; libraries; schools; auditoriums; concert halls; outdoor theaters; nature and wildlife preserves; and parks.[51]

Sensitive receptors near the Project Site are listed in Table 5: Sensitive Receptors and shown in Figure 4 with the noise measurement location representative of each sensitive receptor.

Table 5: Sensitive Receptors

Receptor Description[1]	Representative Noise Measurement Location	Distance[2] and Direction from the Project
Sensitive Receptor 1 – Residential (500 S Westmoreland Avenue)	ST-1	44 feet to the north
Sensitive Receptor 2 – Residential (509, 511, 519, 523, 529, 533 S Westmoreland Avenue)	ST-4	80 feet to the west
Sensitive Receptor 3 – Residential (425, 429, 435, 443 Virgil Avenue, 3105 5th Street, and 434 and 444 S Westmoreland Avenue)	ST-1	212 feet to the north
Sensitive Receptor 4 – Puritan Reformed University (3000 W 6th Street)	ST-3	225 feet to the south
Sensitive Receptor 5 – Residential (418, 424, 436 S Virgil Avenue, 3055 W 5th Street)	ST-1	233 feet to the northeast
Sensitive Receptor 6 – Residential (531 and 537 S Commonwealth Avenue)	ST-2	250 feet to the east
Sensitive Receptor 7 – New Covenant Academy/ Doulos Mission Church (522, 530, and 550 S Shatto Place)	ST-4	250 feet to the west
Sensitive Receptor 8 – Residential (2968 W 6th Street and 620 S Virgil Avenue)	ST-3	254 feet to the southeast
Sensitive Receptor 9 – World Mission University (500 S Shatto Place)	ST-4	260 feet to the northwest
Sensitive Receptor 10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)	ST-4	267 feet to the northwest
Sensitive Receptor 11 – Residential (611 and 615 S Virgil Avenue)	ST-3	340 feet to the south
Sensitive Receptor 12 – St John Grace University (617 and 612 S Virgil Avenue)	ST-3	404 feet to the south
Sensitive Receptor 13 – Kidsbel (Educational Institution) (609 S Westmoreland Avenue)	ST-4	423 feet to the southwest
Sensitive Receptor 14 – Dongguk University Los Angeles / Ttokamsa Home Mission Church (434, 440, and S Shatto Place)	ST-4	435 feet to the northwest
Sensitive Receptor 15 – Immaculate Heart of Mary Preschool (426 S Commonwealth Avenue)	ST-2	490 feet to the northeast
Sensitive Receptor 16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)	ST-2	500 feet to the east

1. Receptor addresses obtained from City of Los Angeles Department of City Planning, Zone Information & Map Access System, available at: http://zimas.lacity.org.
2. Distance between the Project Site and a Sensitive Receptor reflects the shortest distance between each site's respective property line.

Source: Google Earth, 2025.

[51] City of Los Angeles, City of Los Angeles General Plan Noise Element, page 3-1,1999.

5.0 SIGNIFICANCE CRITERIA AND METHODOLOGY

5.1 CEQA Thresholds

The State CEQA Guidelines Appendix G contains analysis guidelines related to noise impacts. The City has determined to use these guidelines as thresholds of significance for this analysis. In accordance with CEQA Appendix G, a project would create a significant environmental impact if it would:

- Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- Generate excessive groundborne vibration or groundborne noise levels; or
- For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, expose people residing or working in the Project area to excessive noise levels.

Construction Noise

On-site and Off-site Construction. Pursuant to the Thresholds Update, on- and off-site construction noise occurring between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday and 8:00 a.m. and 6:00 p.m. on Saturdays shall not exceed an absolute threshold of 80 dBA L_{eq} at daytime noise sensitive uses. The City has not established a numerical threshold above ambient noise levels for construction activities. [52]

Operational Noise

On-site Operations. Pursuant to LAMC Section 112.02 (Air Conditioning, Refrigeration, Heating, Pumping, Filtering Equipment), the operation of any air conditioning, refrigeration, or heating equipment shall not create any noise which would cause the noise level of another occupied property to exceed the ambient noise level by more than 5 dBA. Pursuant to the Noise Regulations, the significance criteria used in the noise analysis is an increase in the ambient noise level of 5 dBA (hourly L_{eq}) at the noise-sensitive uses. [53]

Off-site Operations. The Noise Regulations do not apply to off-site traffic (i.e., vehicles traveling on public roadways). Therefore, the City has determined to assess the significance of the Project's off-site traffic noise based on whether the Project creates, or contributes to, an increase in the ambient noise level of 3 dBA CNEL if the "plus project" noise levels fall within the "normally unacceptable" or "clearly unacceptable" category, as specified in the Noise Element, or an increase of 5 dBA in CNEL if the "plus project" noise levels fall within the "conditionally acceptable" or "normally acceptable" category at noise-sensitive uses. [54]

Composite Operational Noise. In addition, the City has determined to assess the significance of the

[52] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 15, 2024.
[53] City of Los Angeles, City of Los Angeles Municipal Code, Chapter XI: Noise Regulation, Section 112.02 (Air Conditioning, Refrigeration, Heating, Pumping, Filtering Equipment), https://codelibrary.amlegal.com/codes/los_angeles/latest/lamc/0-0-0-193902. Accessed November 25, 2025.
[54] City of Los Angeles, L.A. CEQA Thresholds Guide, page I.2-3, 2006.

Project's composite noise levels (on-site and off-site sources) based on whether the Project's composite noise levels create an increase in the ambient noise level of 3 dBA or 5 dBA CNEL (depending on where in the acceptable/unacceptable categories the noise levels fall, as discussed above) at noise-sensitive receptors.[55]

Vibration

Increases in groundborne vibration levels attributable to the Project would be primarily associated with short-term construction-related activities. Project construction could result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used, the location of that equipment relative to the receptor, and the operations involved.

Structural Damage. Heavy construction equipment (e.g., a large bulldozer, caisson drill, and vibratory/sonic pile driver), which would generate the highest vibration level of the equipment expected to be used for Project construction.[56] With respect to potential building damage, pursuant to the Thresholds Update, construction vibration shall not exceed the following thresholds for the identified class of structures:[57]

- Fragile Buildings: 0.1 PPV
- Historic Buildings: 0.25 PPV
- Older[58] Residential Structures: 0.3 PPV
- New Residential Structures: 0.5 PPV
- Modern Industrial/Commercial Buildings: 0.5 PPV

There are two structures potentially eligible for listing in the National Register by the State Office of Historic Preservation and State Historical Resources Commission within a 250-foot radius of the Project Site: the mixed use commercial building at 3101 W. 6th Street (Sensitive Receptor 2D), which is located approximately 140 feet southwest of the Project Site across Westmoreland Avenue, and the multi-family residential building at 523 S. Westmoreland Avenue known as San Mor Manor (Sensitive Receptor 2B), which is located approximately 80 feet west of the Project Site across Westmoreland Avenue.[59] There are also other historic or potentially historic structures located further than 250 feet from the Project Site (see Figure 5). All of the sensitive receptors that are historic or potentially historic were conservatively evaluated using the 0.25 PPV threshold for historic buildings, as shown below.

Human Annoyance. Pursuant to the Thresholds Update, there is no numerical threshold related to human annoyance for construction activities occurring between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday, and between 8:00 a.m. and 6:00 p.m. on Saturdays and national holidays.[60]

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55 City of Los Angeles, L.A. CEQA Thresholds Guide, page I.2-3, 2006.
56 Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 184, 2018.
57 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, Attachment 2 – Thresholds, page 5, 2024.
58 A building over 50 years can be considered an "older" residential structure. Source: City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, Attachment 2 – Thresholds, page 5, 2024.
59 City of Los Angeles, Los Angeles Historic Resources Inventory, https://historicplacesla.lacity.org/report/9a525d48-e401-465d-b91c-7f36b8744acf. Accessed October 17, 2025.
60 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 19, 2024.

Project construction is anticipated to only occur during the allowable construction daytime hours. According to the City, intermittent human annoyance from construction activity is commonplace during daytime hours.[61]

5.2 Methodology

Construction Noise

Construction noise levels were based on typical noise levels generated by construction equipment published by the FTA and Federal Highway Administration (FHWA). The FTA's Roadway Construction Noise Model (RCNM) was used to predict construction noise levels at 50 feet from all pieces of equipment to determine the loudest construction phase. Utilizing the reference noise level data from RCNM, the construction phase with the highest calculated noise level (overlap of building construction and paving) was modeled using the SoundPLAN Model to determine how the sound from construction equipment would propagate and to determine noise levels at the Project property lines. SoundPLAN provides detailed computer simulations of noise situations accounting for topography, noise sources, and intervening structures. Inputs to the SoundPLAN model included ground topography and ground type, existing and proposed intervening structures, noise source locations and heights, receiver locations, and sound power level data.

Following the adoption of the Thresholds Update, noise from construction equipment was modeled as an area source across the entire Project Site.[62] However, as shoring activities are required in specific locations on the site, noise for shoring equipment has been modeled as area sources around the specified shoring locations, which consists of the perimeter of the site except for the eastern portion of the northern boundary. This analysis is appropriate because L_{eq} can be used to describe the noise level from the operation of each piece of equipment separately, and the levels can be combined to represent the noise level from all equipment operating at the Project Site concurrently during a given period.

Operational Noise

The analysis of the Existing and Existing Plus Project noise environments is based on noise attenuation rates and empirical observations. Reference noise level data are used to estimate the Project operational noise impacts from stationary sources. Noise levels were collected from published sources from similar types of activities and used to predict noise levels expected with the Project's stationary sources. The reference noise levels are conservative and are used to represent a worst-case noise environment as noise levels from stationary sources can vary throughout the day.

Vibration

Groundborne vibration levels associated with construction activities for the Project were evaluated utilizing typical groundborne vibration levels associated with construction equipment, obtained from FTA published data for construction equipment. Potential groundborne vibration impacts related to building/structure damage were evaluated, considering the distance from construction activities to nearby land uses and typically applied criteria for structural damage.

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61 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 19, 2024.
62 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, Attachment 3, page 5, 2024.

6.0 POTENTIAL IMPACTS AND MITIGATION

6.1 Project-Level Impacts

Threshold 6.1 ***Would the Project generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?***

Construction

On-site Construction Noise

Construction noise typically occurs intermittently and varies depending on the nature or phase of construction (e.g., demolition, land clearing, grading, excavation). Noise generated by construction equipment, including earth movers and material handlers, can reach high levels that can affect noise-sensitive receptors near the construction site. Construction activities for the Project would include demolition, site preparation, grading and shoring, infrastructure improvements/detention system, building construction, paving, and architectural coating applications, as well as off-site driveway improvements. Noise levels associated with individual construction equipment expected to be used during Project construction are listed in Table 6: Project Construction Equipment Noise Levels.[63]

It should be noted that the noise level values shown in Table 6 are for the equipment when operating at full power 50 feet from a sensitive receptor, without taking into account any intervening structures or topography that may reduce noise levels. Other primary sources of acoustical disturbance may include random incidents, which would last less than one minute (such as dropping of materials or the hydraulic movement of machinery lifts). It should also be noted that due to the constraints of the Project Site and standard construction practices, only a limited amount of equipment can operate on the Project Site at a particular time.

Table 6: Project Construction Equipment Noise Levels

Construction Phase	Anticipated Equipment[1]	Typical Noise Level (dBA L_{max}) at 50 feet from Source	Usage Factor (%)[2]
Demolition	Excavator	87	40%
	Loader	81	40%
Site Preparation	Grader	77	40%
	Excavator	87	40%
	Loader	81	40%
Shoring	Vibratory/Sonic Pile Driver	106	20%
	Caisson Drill	102	20%
	Skid Steer	85	50%
	Excavator	87	40%
	Forklift	89	40%
Grading	Grader	77	40%
	Backhoe	84	40%
	Loader	81	40%

[63] Federal Highway Association, Roadway Construction Noise Model, User Guide, 2005.

Table 6: Project Construction Equipment Noise Levels			
Construction Phase	**Anticipated Equipment[1]**	**Typical Noise Level (dBA L_{max}) at 50 feet from Source**	**Usage Factor (%)[2]**
Infrastructure Improvements/ Detention System	Trencher	85	50%
	Excavator	87	40%
	Loader	81	40%
Building Construction	Forklift	89	40%
	Crane	79	16%
	Concrete Pump	75	50%
	Concrete Mixer	82	40%
Paving	Loader	81	40%
	Pump	75	50%
	Concrete Mixer	82	40%
	Paver	84	20%
Architectural Coating	Air Compressor	68	40%
1. Equipment compiled based on air quality modeling defaults and contractor input. 2. Usage factor represents the percentage of time the equipment would be operating at full power and is based on the FHWA RCNM User Guide.			
Source: Federal Highway Administration, Roadway Construction Noise Model 2.0.			

The FHWA's RCNM was used to determine the worst-case construction phase at 50 feet. Construction noise levels were based on the equipment used, distance of 50 feet, and acoustical usage factor for equipment, the fraction of time that the equipment would be in use at full power over a specific period of time.[64] The highest calculated noise level at 50 feet would occur during the overlap of building construction and paving.

The sensitive receptors surrounding the Project Site consist of multiple stories. To determine the potential noise impacts at upper floors of sensitive receptors, the SoundPLAN model was utilized to calculate construction noise levels at all levels of the nearest sensitive receptors. Noise levels at other receptors surrounding the Project Site would be located further away and would experience lower construction noise levels than the modeled receptors. The noise from each piece of construction equipment from the loudest construction period was modeled as an area source across the entire Project Site.[65] This methodology conservatively accounts for equipment operating throughout the Project Site and not at a fixed location for extended periods of time.[66] See Appendix A for more information regarding the construction assumptions used in this analysis.

Table 7: Project Maximum Construction Noise Levels shows the estimated exterior noise levels at the nearest receptors for the two worst-case construction noise scenarios would not exceed the Thresholds Update significance criterion of 80 dBA L_{eq}. In addition, construction-related noise would be temporary and would not result in a permanent increase in ambient noise levels in the area. Construction activities would also be prohibited between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday and between 6:00 p.m. and 8:00 a.m. on Saturdays and national holidays, and at all times on Sundays in accordance with City regulations. The City's permitted hours of construction are required in recognition that construction activities undertaken during daytime hours are a typical part of living in an urban environment and do not cause a significant impact.

64 Federal Highway Association, Roadway Construction Noise Model, User Guide, 2005.
65 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 5, 2024.
66 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 2, 2024.

Therefore, because the Project will comply with the City's allowable construction hours, the Project would not result in the generation of a substantial temporary increase in ambient noise levels in the Project site vicinity in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies during construction. Thus, construction noise impacts would be less than significant and no mitigation is required.

Table 7: Project Maximum Construction Noise Levels

Sensitive Receptor	Grading and Shoring Noise Level at Receptor (L_{eq})[1]	Building Construction and Paving Noise Level at Receptor (L_{eq})[1]	Noise Threshold (dBA L_{eq})[2]	Exceeded?
1 – Residential (500 S Westmoreland Avenue)				
Floor 1	61.8	61.0		
Floor 2	63.1	62.5	80	No
Floor 3	63.9	63.4		
Floor 4	64.2	63.8		
2 – Residential (509, 511, 519, 523, 529, 533 S Westmoreland Avenue)				
Floor 1	60.2	59.3		
Floor 2	61.4	60.3	80	No
Floor 3	62.2	61.1		
Floor 4	62.5	61.5		
3 – Residential (425, 429, 435, 443 Virgil Avenue, 3105 5th Street) and 434 and 444 S Westmoreland Avenue)				
Floor 1	43.4	44.8	80	No
Floor 2	43.6	46.3		
Floor 3	44.0	45.8		
Floor 4	44.7	46.3		
4 – Puritan Reformed University (3000 W 6th Street)				
Floor 1	48.9	48.8	80	No
Floor 2	50.4	50.2		
Floor 3	52.6	52.9		
5 – Residential (418, 424, 436 S Virgil Avenue, 3055 W 5th Street)				
Floor 1	47.2	48.3		
Floor 2	47.7	48.8	80	No
Floor 3	46.0	47.1		
Floor 4	46.5	47.6		
Floor 5	47.0	48.2		
Floor 6	48.0	49.0		
6 – Residential (531 and 537 S Commonwealth Avenue)				
Floor 1	52.3	52.4	80	No
Floor 2	52.8	52.9		
7 – New Covenant Academy/ Doulos Mission Church (522, 530, and 550 S Shatto Place)				
Floor 1	43.6	43.6	80	No
8 – Residential (2968 W 6th Street and 620 S Virgil Avenue)				
Floor 1	51.0	51.6		
Floor 2	51.7	52.2	80	No
Floor 3	52.4	52.8		
Floor 4	52.8	53.3		

Table 7: Project Maximum Construction Noise Levels				
Sensitive Receptor	**Grading and Shoring Noise Level at Receptor (L_{eq})[1]**	**Building Construction and Paving Noise Level at Receptor (L_{eq})[1]**	**Noise Threshold (dBA L_{eq})[2]**	**Exceeded?**
Floor 5	53.3	53.8		
Floor 6	53.8	54.2		
Floor 7	54.3	54.7		
9 – World Mission University (500 S Shatto Place)				
Floor 1	51.3	51.6	80	No
Floor 2	51.8	52.1		
Floor 3	52.5	52.6		
Floor 4	53.2	53.3		
10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)				
Floor 1	47.9	46.5	80	No
Floor 2	48.3	47.0		
Floor 3	48.8	47.4		
11 – Residential (611 and 615 S Virgil Avenue)				
Floor 1	45.9	46.6		
Floor 2	47.2	47.7		
Floor 3	48.7	49.3	80	No
Floor 4	49.3	49.9		
Floor 5	49.9	50.3		
12 – St John Grace University (617 and 612 S Virgil Avenue)				
Floor 1	45.7	46.3	80	No
Floor 2	46.6	47.1		
13 – Kidsbel (Educational Institution) (609 S Westmoreland Avenue)				
Floor 1	44.3	43.1	80	No
Floor 2	44.9	43.9		
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church (434, 440, and S Shatto Place)				
Floor 1	27.0	27.0		
Floor 2	27.0	27.0	80	No
Floor 3	27.3	27.3		
Floor 4	28.9	28.6		
15 – Immaculate Heart of Mary Preschool (426 S Commonwealth Avenue)				
Floor 1	27.1	27.5	80	No
Floor 2	29.0	29.4		
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)				
Floor 1	44.9	44.7	80	No

1. The construction equipment for the worst-case construction phase was conservatively modeled as an area source across the entire Project Site in SoundPLAN.
2. Per the Thresholds Update, daytime construction noise shall be limited to a maximum of 80 dBA L_{eq} at noise-sensitive uses.

Source: Federal Highway Administration, Roadway Construction Noise Model, 2006.

Off-site Construction Noise

In addition to on-site construction noise, the Project would generate mobile-source noise from delivery/haul trucks and construction workers traveling to and from the Project Site during the Project's construction. Trucks would travel to and from the Project Site using Virgil Avenue, Wilshire Boulevard, and Hoover Street. Haul and delivery trucks and construction workers are expected to arrive at the Project Site before construction starts and leave when construction ends, and thus would not overlap with the noise generated by the Project's construction equipment. It is reasonable to assume that workers would already have arrived at the Project Site to begin construction activities prior to the arrival of haul and delivery trucks. The greatest contributor to on-road traffic noise during construction would be haul and delivery trucks arriving to the Project Site via Virgil Avenue, Wilshire Boulevard, and Hoover Street. However, this analysis conservatively considers noise generated by both haul and vendor trucks and worker vehicles (passenger vehicles).

According to modeling assumptions based on the air quality assessment prepared by Kimley-Horn in 2025, the construction phase with the highest assumed number of trucks would be grading, when it is anticipated that there would be up to 100 daily one-way haul truck trips, 100 daily one-way vendor truck trips, and 20 daily one-way worker trips accessing the Project Site. Conservatively assuming that all the daily vehicle trips would pass through the same roadway segment within a one hour period, the estimated noise level from the grading trips would be 73.1 dBA L_{eq} at 20 feet from the roadway centerline. This worst-case noise level would not exceed the City's Thresholds Update significance criterion of 80 dBA L_{eq} for on- and off-site construction activities. Therefore, noise impacts from off-site vendor trucks and worker vehicles would be less than significant and no mitigation measures are required.

Operations

The proposed Project consists of an eight-story self-storage facility. Project operations would result in the generation of noise from rooftop mechanical equipment (e.g., HVAC, etc.), an electrical power transformer, activities associated with loading and unloading storage items and parking areas (i.e., car door slamming, car radios, engine start-up, and car pass-by), and off-site traffic noise. Although these noise sources would be consistent with existing noise sources in the Project Site vicinity, existing on-site operational noise sources have not been accounted for in the analysis below to provide a conservative analysis. The Project will be open seven days a week. The front office will be open to the public and customers from approximately 9:00 a.m. to 6:00 p.m. daily. The facility will be limited to customers and only between the hours of approximately 6:00 a.m. to 10:00 p.m. daily.

On-site Noise Sources

Mechanical Equipment

Mechanical equipment (e.g., HVAC equipment) is anticipated to operate in a steady-state manner and is anticipated to be located on the self-storage facility rooftop to regulate the facility's climate. Mechanical equipment (e.g., HVAC equipment) typically generates noise levels of approximately 52 dBA at 50 feet.[67] Pursuant to LAMC Section 112.02 (Air Conditioning, Refrigeration, Heating,

[67] Elliott H. Berger, Rick Neitzel, and Cynthia A. Kladden, Noise Navigator Sound Level Database with Over 1700 Measurement Values, 2010.

Pumping, Filtering Equipment), the operation of any air conditioning, refrigeration, or heating equipment shall not create any noise which would cause the noise level at another occupied property to exceed the ambient noise level by 5 dBA. Noise levels that would be generated by the mechanical equipment have conservatively been calculated without accounting for shielding that would be provided by potential screening or architectural features and are shown in Table 8: Mechanical Equipment Noise Levels.

Table 8: Mechanical Equipment Noise Levels

Sensitive Receptor	Distance to Receptor (feet)[1]	Noise at Receptor (dBA)[2]	Ambient Noise (dBA)[3]	Ambient + Project Noise (dBA)	Incremental Increase (dBA)	Incremental Increase Threshold (dBA)	Significant?
1 – Residential (500 S Westmoreland Avenue)	147	42.6	58.1	58.2	0.1	5.0	No
2 – Residential (509, 511, 519, 523, 529, 533 S Westmoreland Avenue)	165	41.6	64.7	64.7	0.0	5.0	No
3 – Residential (425, 429, 435, 443 Virgil Avenue, 3105 5th Street) and 434 and 444 S Westmoreland Avenue)	325	35.7	58.1	58.1	0.0	5.0	No
4 – Puritan Reformed University (3000 W 6th Street)	263	37.6	68.4	68.4	0.0	5.0	No
5 – Residential (418, 424, 436 S Virgil Avenue, 3055 W 5th Street)	396	34.0	58.1	58.1	0.0	5.0	No
6 – Residential (531 and 537 S Commonwealth Avenue)	345	35.2	61.7	61.7	0.0	5.0	No
7 – New Covenant Academy/ Doulos Mission Church (522, 530, and 550 S Shatto Place)	325	35.7	64.7	64.7	0.0	5.0	No
8 – Residential (2968 W 6th Street and 620 S Virgil Avenue)	335	35.5	68.4	68.4	0.0	5.0	No
9 – World Mission University (500 S Shatto Place)	373	34.5	64.7	64.7	0.0	5.0	No
10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)	357	34.9	64.7	64.7	0.0	5.0	No
11 – Residential (611 and 615 S Virgil Avenue)	380	34.4	68.4	68.4	0.0	5.0	No
12 – St John Grace University (617 and 612 S Virgil Avenue)	468	32.6	68.4	68.4	0.0	5.0	No
13 – Kidsbel (Educational Institution) (609 S Westmoreland Avenue)	447	33.0	64.7	64.7	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church (434, 440, and S Shatto Place)	613	30.2	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of	680	29.3	61.7	61.7	0.0	5.0	No

Table 8: Mechanical Equipment Noise Levels							
Sensitive Receptor	**Distance to Receptor (feet)[1]**	**Noise at Receptor (dBA)[2]**	**Ambient Noise (dBA)[3]**	**Ambient + Project Noise (dBA)**	**Incremental Increase (dBA)**	**Incremental Increase Threshold (dBA)**	**Significant?**
Mary Preschool (426 S Commonwealth Avenue)							
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)	645	29.8	61.7	61.7	0.0	5.0	No
1. Distance measured from the center of the Project's roof to the nearest sensitive receptor property line. 2. Distance attenuation calculated assuming reference noise level of 52 dBA L_{eq} at 50 feet. 3. Refer to Table 4 and Table 5 for representative ambient noise levels.							
Source for reference level: Elliott H. Berger, Rick Neitzel, and Cynthia A. Kladden, Noise Navigator Sound Level Database with Over 1700 Measurement Values, 2010.							

As shown in Table 8, the mechanical equipment noise levels would not increase the ambient noise levels at any of the sensitive receptors beyond the acceptable levels (5 dBA over ambient), if at all. As such, mechanical equipment-related noise would not result in the generation of a substantial permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance. Therefore, noise impacts from mechanical equipment would be less than significant and no mitigation is required.

Transformer

A transformer is anticipated to be located on the northeastern corner of the Project Site and would ensure electricity is safely transferred from the electrical grid to the self-storage facility; refer to Figure 3. A transformer would generate noise levels of approximately 60 dBA at 3.28 feet.[68] Noise levels have been calculated and provided in Table 9: Transformer Noise Levels.

Table 9: Transformer Noise Levels							
Sensitive Receptor	**Distance to Receptor (feet)[1]**	**Noise at Receptor (dBA)[2]**	**Ambient Noise (dBA)[3]**	**Ambient + Project Noise (dBA)**	**Incremental Increase (dBA)**	**Incremental Increase Threshold (dBA)**	**Significant?**
1 – Residential (500 S Westmoreland Avenue)	173	25.6	58.1	58.1	0.0	5.0	No
2 – Residential (509, 511, 519, 523, 529, 533 S Westmoreland Avenue)	410	18.1	64.7	64.7	0.0	5.0	No
3 – Residential (425, 429, 435, 443 Virgil Avenue, 3105 5th Street) and 434 and 444 S Westmoreland Avenue)	238	22.8	58.1	58.1	0.0	5.0	No
4 – Puritan Reformed University (3000 W 6th Street)	378	18.8	68.4	68.4	0.0	5.0	No
5 – Residential (418, 424, 436 S Virgil Avenue, 3055 W 5th	260	22.0	58.1	58.1	0.0	5.0	No

[68] National Electrical Manufacturers Association, NEMA TP 80050-2013 (R2024), Transformers, Step Voltage Regulators, and Reactors, 2025.

Table 9: Transformer Noise Levels							
Sensitive Receptor	**Distance to Receptor (feet)[1]**	**Noise at Receptor (dBA)[2]**	**Ambient Noise (dBA)[3]**	**Ambient + Project Noise (dBA)**	**Incremental Increase (dBA)**	**Incremental Increase Threshold (dBA)**	**Significant?**
Street)							
6 – Residential (531 and 537 S Commonwealth Avenue)	324	20.1	61.7	61.7	0.0	5.0	No
7 – New Covenant Academy/ Doulos Mission Church (522, 530, and 550 S Shatto Place)	570	15.2	64.7	64.7	0.0	5.0	No
8 – Residential (2968 W 6th Street and 620 S Virgil Avenue)	403	18.2	68.4	68.4	0.0	5.0	No
9 – World Mission University (500 S Shatto Place)	590	14.9	64.7	64.7	0.0	5.0	No
10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)	478	16.7	64.7	64.7	0.0	5.0	No
11 – Residential (611 and 615 S Virgil Avenue)	490	16.5	68.4	68.4	0.0	5.0	No
12 – St John Grace University (617 and 612 S Virgil Avenue)	590	14.9	68.4	68.4	0.0	5.0	No
13 – Kidsbel (Educational Institution) (609 S Westmoreland Avenue)	635	14.3	64.7	64.7	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church (434, 440, and S Shatto Place)	745	12.9	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool (426 S Commonwealth Avenue)	540	15.7	61.7	61.7	0.0	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)	587	14.9	61.7	61.7	0.0	5.0	No

1. Distance measured from the transformer on the Project Site plan to the nearest property line of the sensitive receptor.
2. Distance attenuation calculated assuming reference noise level of 60 dBA L_{eq} at 3.28 feet for transformers with an apparent power between 1,001 to 1,500 kVA.
3. Refer to Table 4 and Table 5 for representative ambient noise levels.

Source for reference level: National Electrical Manufacturers Association, NEMA TP 80050-2013 (R2024), Transformers, Step Voltage Regulators, and Reactors, 2025.

As shown in Table 9, the transformer noise levels would not increase the ambient noise levels at any of the sensitive receptors beyond the acceptable levels (5 dBA over ambient), if at all. As such, transformer-related noise would not result in the generation of a substantial permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance. Therefore, transformer related noise impacts would be less than significant and no mitigation is required.

Storage Loading and Unloading Activities

Self-storage unit patrons and leasers would primarily commute to the Project Site via private

vehicles or small single-unit truck rentals (e.g., U-Haul trucks) to drop off or pick up their items from the storage units. The patrons and leasers would load and unload their vehicle within the ground-level parking garage, which would be open along the driveways to provide drive-through access from Westmoreland Avenue to Virgil Avenue and vice versa. As there is no designated loading area, it is assumed that loading/unloading activities could occur at any location within the parking garage. Loading/unloading activities would generate noise levels up to approximately 61 dBA at a distance of 50 feet.[69] The storage loading and unloading noise levels at the nearest sensitive receptors are summarized in Table 10: Storage Loading and Unloading Noise Levels.

Table 10: Storage Loading and Unloading Noise Levels

Sensitive Receptor	Distance to Receptor (feet)[1]	Loading/ Unloading Noise (dBA)[2]	Ambient Noise (dBA)[3]	Ambient + Project Noise (dBA)	Incremental Increase (dBA)	Incremental Increase Threshold (dBA)	Significant?
1 – Residential (500 S Westmoreland Avenue)	95	55.4	58.1	60.0	1.9	5.0	No
2 – Residential (509, 511, 519, 523, 529, 533 S Westmoreland Avenue)	95	55.4	64.7	65.2	0.5	5.0	No
3 – Residential (425, 429, 435, 443 Virgil Avenue, 3105 5th Street) and 434 and 444 S Westmoreland Avenue)	248	47.1	58.1	58.4	0.3	5.0	No
4 – Puritan Reformed University (3000 W 6th Street)	330	44.6	68.4	68.4	0.0	5.0	No
5 – Residential (418, 424, 436 S Virgil Avenue, 3055 W 5th Street)	278	46.1	58.1	58.4	0.3	5.0	No
6 – Residential (531 and 537 S Commonwealth Avenue)	294	45.6	61.7	61.8	0.1	5.0	No
7 – New Covenant Academy/ Doulos Mission Church (522, 530, and 550 S Shatto Place)	255	46.8	64.7	64.8	0.1	5.0	No
8 – Residential (2968 W 6th Street and 620 S Virgil Avenue)	355	44.0	68.4	68.4	0.0	5.0	No
9 – World Mission University (500 S Shatto Place)	288	45.8	64.7	64.8	0.1	5.0	No
10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)	283	45.9	64.7	64.8	0.1	5.0	No
11 – Residential (611 and 615 S Virgil Avenue)	441	42.1	68.4	68.4	0.0	5.0	No
12 – St John Grace University (617 and 612 S Virgil Avenue)	540	40.3	68.4	68.4	0.0	5.0	No
13 – Kidsbel (Educational	456	41.8	64.7	64.7	0.0	5.0	No

[69] Kariel, H. G, Noise in Rural Recreational Environments, Canadian Acoustics 19(5), 3-10, 1991.

Table 10: Storage Loading and Unloading Noise Levels							
Institution) (609 S Westmoreland Avenue)							
14 – Dongguk University Los Angeles / Ttokamsa Home Mission Church (434, 440, and S Shatto Place)	530	40.5	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool (426 S Commonwealth Avenue)	560	40.0	61.7	61.7	0.0	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)	573	39.8	61.7	61.7	0.0	5.0	No
1. Distance measured from the parking lot area on the Project Site plan to the nearest property line of the sensitive receptor. 2. Distance attenuation calculated assuming reference noise level of 61 dBA L_{eq} at 50 feet for loading/unloading activities. 3. Refer to Table 4 and Table 5 for representative ambient noise levels.							
Source for reference level: Kariel, H. G, Noise in Rural Recreational Environments, Canadian Acoustics 19(5), 3-10, 1991.							

As shown in Table 10, noise levels from loading and unloading activities would not increase the ambient noise levels at any of the sensitive receptors beyond the acceptable levels (5 dBA over ambient). Additionally, storage loading and unloading activities would occur periodically and would not be an ongoing, consistent noise source. Project storage loading and unloading activities would not generate a substantial permanent increase in ambient noise levels in the Project vicinity in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. Thus, impacts would be less than significant.

On-site Parking

Passenger vehicles would access the ground-floor parking garage via a driveway on Westmoreland Avenue and Virgil Avenue. Noises associated with parking activities include noise associated with vehicles starting and stopping, vehicle doors closing, car horns and car alarms, and conversations. Noise levels within the parking facilities would fluctuate with the amount of automobile and human activity. The noise levels from these activities typically range from 53 to 61 dBA and are short-term.[70] The noise attributable to parking lot activity is summarized in Table 11: Parking Lot Noise Levels.

Table 11: Parking Lot Noise Levels							
Sensitive Receptor	**Distance to Receptor (feet)[1]**	**Parking Lot Noise (dBA)[2]**	**Ambient Noise (dBA)[3]**	**Ambient + Project Noise (dBA)**	**Incremental Increase (dBA)**	**Incremental Increase Threshold (dBA)**	**Significant?**
1 – Residential (500 S Westmoreland Avenue)	81	56.8	58.1	60.5	2.4	5.0	No
2 – Residential (509, 511, 519, 523, 529, 533 S Westmoreland Avenue)	248	47.1	64.7	64.8	0.1	5.0	No
3 – Residential (425, 429, 435, 443 Virgil Avenue, 3105	247	47.1	58.1	58.4	0.3	5.0	No

[70] Kariel, H. G, Noise in Rural Recreational Environments, Canadian Acoustics 19(5), 3-10, 1991.

Table 11: Parking Lot Noise Levels							
Sensitive Receptor	**Distance to Receptor (feet)[1]**	**Parking Lot Noise (dBA)[2]**	**Ambient Noise (dBA)[3]**	**Ambient + Project Noise (dBA)**	**Incremental Increase (dBA)**	**Incremental Increase Threshold (dBA)**	**Significant?**
5th Street) and 434 and 444 S Westmoreland Avenue)							
4 – Puritan Reformed University (3000 W 6th Street)	304	45.3	68.4	68.4	0.0	5.0	No
5 – Residential (418, 424, 436 S Virgil Avenue, 3055 W 5th Street)	278	46.1	58.1	58.4	0.3	5.0	No
6 – Residential (531 and 537 S Commonwealth Avenue)	315	45.0	61.7	61.8	0.1	5.0	No
7 – New Covenant Academy/ Doulos Mission Church (522, 530, and 550 S Shatto Place)	407	42.8	64.7	64.7	0.0	5.0	No
8 – Residential (2968 W 6th Street and 620 S Virgil Avenue)	350	44.1	68.4	68.4	0.0	5.0	No
9 – World Mission University (500 S Shatto Place)	440	42.1	64.7	64.7	0.0	5.0	No
10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)	372	43.6	64.7	64.7	0.0	5.0	No
11 – Residential (611 and 615 S Virgil Avenue)	415	42.6	68.4	68.4	0.0	5.0	No
12 – St John Grace University (617 and 612 S Virgil Avenue)	475	41.4	68.4	68.4	0.0	5.0	No
13 – Kidsbel (Educational Institution) (609 S Westmoreland Avenue)	487	41.2	64.7	64.7	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church (434, 440, and S Shatto Place)	640	38.9	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool (426 S Commonwealth Avenue)	550	40.2	61.7	61.7	0.0	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)	605	39.3	61.7	61.7	0.0	5.0	No

1. Distance measured from the nearest parking spaces on the Project Site plan to the nearest property line of the sensitive receptor.
2. Distance attenuation calculated assuming reference noise level of 61 dBA L_{eq} at 50 feet for parking lot noise sources.
3. Refer to Table 4 and Table 5 for representative ambient noise levels.

Source for reference level: Kariel, H. G, Noise in Rural Recreational Environments, Canadian Acoustics 19(5), 3-10, 1991.

As shown in Table 11, noise levels from the on-site parking activities would not exceed the acceptable 5 dBA over ambient increase threshold at any of the sensitive receptors. Therefore, noise levels generated by Project parking activities would not generate a substantial permanent increase in ambient noise levels within the Project vicinity in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. Impacts would be less than significant.

On-site Composite Noise

An evaluation of the Project's composite noise levels, including all on-site Project-related noise sources plus the existing ambient level, was conducted to identify the potential maximum Project-related noise level increase that may occur at noise-sensitive receptor locations. The overall sound environment of the areas surrounding the Project Site would include contributions from each onsite noise source associated with the operation of the Project. On-site noise sources associated with operation of the Project would include the use of mechanical equipment and a transformer, storage loading and unloading activities, and on-site parking. Table 12: Composite On-site Noise Levels presents the estimated composite noise from on-site Project-related noise sources at noise sensitive receptors.

Table 12 shows the Project's cumulative increase would not exceed the 5 dBA threshold at any sensitive receptors. Thus, composite operational noise levels would not result in the generation of a substantial permanent increase in ambient noise levels in the vicinity of the Project Site in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. Therefore, the on-site composite operational noise level impacts would be less than significant.

Table 12: Composite On-site Noise Levels									
Sensitive Receptor	**Mechanical Equipment (dBA)**	**Transformer (dBA)**	**Loading/ Unloading (dBA)**	**Parking Lot (dBA)**	**Ambient Level (dBA)[1]**	**Ambient + Project Noise (dBA)**	**Incremental Increase (dBA)**	**Incremental Increase Threshold (dBA)**	**Significant?**
1 – Residential (500 S Westmoreland Avenue)	42.6	25.6	55.4	56.8	58.1	61.7	3.6	5.0	No
2 – Residential (509, 511, 519, 523, 529, 533 S Westmoreland Avenue)	41.6	18.1	55.4	47.1	64.7	65.3	0.6	5.0	No
3 – Residential (425, 429, 435, 443 Virgil Avenue, 3105 5th Street) and 434 and 444 S Westmoreland Avenue)	35.7	22.8	47.1	47.1	58.1	58.8	0.7	5.0	No
4 – Puritan Reformed University (3000 W 6th Street)	37.6	18.8	44.6	45.3	68.4	68.4	0.0	5.0	No
5 – Residential (418, 424, 436 S Virgil Avenue, 3055 W 5th Street)	34.0	22.0	46.1	46.1	58.1	58.6	0.5	5.0	No
6 – Residential (531 and 537 S Commonwealth Avenue)	35.2	20.1	45.6	45.0	61.7	61.9	0.2	5.0	No
7 – New Covenant Academy/ Doulos Mission Church (522, 530, and 550 S Shatto Place)	35.7	15.2	46.8	42.8	64.7	64.8	0.1	5.0	No
8 – Residential (2968 W 6th Street and 620 S Virgil Avenue)	35.5	18.2	44.0	44.1	68.4	68.4	0.0	5.0	No
9 – World Mission University (500 S Shatto Place)	34.5	14.9	45.8	42.1	64.7	64.8	0.1	5.0	No
10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)	34.9	16.7	45.9	43.6	64.7	64.8	0.1	5.0	No

Table 12: Composite On-site Noise Levels									
Sensitive Receptor	**Mechanical Equipment (dBA)**	**Transformer (dBA)**	**Loading/ Unloading (dBA)**	**Parking Lot (dBA)**	**Ambient Level (dBA)[1]**	**Ambient + Project Noise (dBA)**	**Incremental Increase (dBA)**	**Incremental Increase Threshold (dBA)**	**Significant?**
11 – Residential (611 and 615 S Virgil Avenue)	34.4	16.5	42.1	42.6	68.4	68.4	0.0	5.0	No
12 – St John Grace University (617 and 612 S Virgil Avenue)	32.6	14.9	40.3	41.4	68.4	68.4	0.0	5.0	No
13 – Kidsbel (Educational Institution) (609 S Westmoreland Avenue)	33.0	14.3	41.8	41.2	64.7	64.7	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church (434, 440, and S Shatto Place)	30.2	12.9	40.5	38.9	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool (426 S Commonwealth Avenue)	29.3	15.7	40.0	40.2	61.7	61.8	0.1	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)	29.8	14.9	39.8	39.3	61.7	61.8	0.1	5.0	No
1. See Table 4 and Table 5 for representative ambient noise levels.									

Off-Site Traffic Noise

Implementation of the Project would generate increased traffic volumes along nearby roadway segments. According to the Average Daily Traffic (ADT) Volumes provided in the Transportation Assessment prepared by Gibson Transportation Consulting (2026),[71] the Project would increase the ADT volume, which would result in noise increases on Project Site study area roadways. Traffic noise levels on roadways primarily affected by Project-generated trips were calculated using the FHWA's Highway Noise Prediction Model (FHWA-RD-77-108). Traffic noise modeling shown in Table 13: Existing and Existing Plus Project Traffic Noise Levels was conducted for conditions with and without the Project, based on traffic volumes from the Traffic Assessment.

Table 13: Existing and Existing Plus Project Traffic Noise Levels

Roadway Segment	Existing		Existing Plus Project		Noise Compatibility	Incremental Increase	Significant Impact?[2]
	ADT	dBA CNEL[1]	ADT	dBA CNEL[1]			
5th Street west of Westmoreland Avenue	2,110	56.1	2,154	56.1	Normally Acceptable	0.0	No
5th Street between Westmoreland Avenue and Virgil Avenue	2,110	56.1	2,175	56.2	Normally Acceptable	0.1	No
5th Street east of Virgil Avenue	2,320	56.5	2,384	56.6	Normally Acceptable	0.1	No
6th Street west of Westmoreland Avenue	25,760	68.1	25,804	68.1	Normally Acceptable	0.0	No
6th Street between Westmoreland Avenue to Virgil Avenue	25,760	68.1	25,760	68.1	Normally Acceptable	0.0	No
6th Street east of Virgil Avenue	25,760	68.1	25,824	68.1	Conditionally Acceptable	0.0	No
Westmoreland Avenue north of 5th Street	4,180	59.0	4,244	59.1	Normally Acceptable	0.1	No
Westmoreland Avenue between 5th Street and 6th Street	5,820	60.5	5,993	60.6	Normally Acceptable	0.1	No
Westmoreland Avenue south of 6th Street	6,400	60.9	6,444	60.9	Normally Acceptable	0.0	No
Virgil Avenue north of 5th Street	15,320	65.8	15,384	65.8	Conditionally Acceptable	0.0	No
Virgil Avenue between 5th Street and 6th Street	15,320	65.8	15,428	65.8	Normally Acceptable	0.0	No
Virgil Avenue south of 6th Street	19,020	66.7	19,064	66.8	Conditionally Acceptable	0.1	No

ADT = average daily trips; dBA = A-weighted decibels; CNEL= Community Noise Equivalent Noise Level

1. Traffic noise levels are at 50 feet from the roadway centerline.
2. A significant impact would occur if the existing plus project noise levels cause the ambient noise levels measured at the property line of affected noise-sensitive uses to increase by 3 dBA in CNEL to or within the "normally unacceptable" or "clearly unacceptable" category, or an increase of 5 dBA in CNEL if the existing plus project noise levels fall within the "conditionally acceptable" or "normally acceptable" category at noise-sensitive uses.

Source: Traffic data provided by Gibson Transportation Consulting, 2026; thresholds from City of Los Angeles, L.A. CEQA Thresholds Guide
Refer to Appendix A for traffic noise modeling results.

[71] Gibson Transportation Consulting, Transportation Assessment for the 525 S. Virgil Avenue Self-Storage Project, Los Angeles, California, 2026.

As shown in Table 13, Project traffic-generated noise levels on the Project Site study area roadways would range between 56.1 dBA CNEL and 68.1 dBA CNEL at 50 feet from the roadway centerline. The Project would result in a maximum increase of 0.1 dBA CNEL along 5th Street between Westmoreland Avenue and Virgil Avenue, 5th Street east of Virgil Avenue, Westmoreland Avenue north of 5th Street, Westmoreland Avenue between 5th Street and 6th Street, and Virgil Avenue south of 6th Street. This 0.1 dBA CNEL increase is well below the 3 dBA CNEL and 5 dBA CNEL thresholds specified in the L.A. CEQA Thresholds Guide (2006).[72] Therefore, noise impacts from off-site traffic noise would be less than significant and no mitigation is required.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Threshold 6.2 Would the Project generate excessive groundborne vibration or groundborne noise levels?

Construction

On-site Construction Vibration

Structural Damage

Increases in groundborne vibration levels attributable to the Project would be primarily associated with short-term construction-related activities. Project construction would have the potential to result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used and the operations involved.

The FTA and California Department of Transportation (Caltrans) have published standard vibration velocities for construction equipment operations. Building damage can be cosmetic or structural. Ordinary buildings that are not particularly fragile would not experience any cosmetic damage (e.g., plaster cracks) at distances beyond 30 feet. This distance can vary substantially depending on the soil composition and the underground geological layer between the vibration source and the receiver.[73] In addition, not all buildings respond similarly to vibration generated by construction equipment. Receptors susceptible to building damage include all structures located adjacent to the Project Site. This evaluation conservatively uses the structural damage criteria proposed by the Thresholds Update of 0.25 in/sec PPV at historic structures, 0.3 in/sec PPV at older residential structures, and 0.5 in/sec PPV for new residential structures and modern industrial and commercial structures.[74]

Table 14: Construction Vibration - Unmitigated lists the reference vibration levels for construction equipment measured at the nearest vibration-sensitive receptors; see Figure 5: Vibration Receptor Map. The groundborne vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance. Per the Project's contractor, the equipment that is expected to be used for Project construction that would generate the most vibration consists

[72] City of Los Angeles, L.A. CEQA Thresholds Guide, page I.2-3, 2006, https://planning.lacity.gov/eir/CrossroadsHwd/deir/files/references/A07.pdf. Accessed December 2, 2025.
[73] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 116, 2018.
[74] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, Attachment 2 – Thresholds, page 5, 2024.

of loaded trucks and a track mounted loader, which generates similar vibration velocities as a small bulldozer based on the general size and similar track system. Furthermore, the haul trucks would be staged at locations that would provide ease of access/egress from the Project Site and onto the roadway network.

Table 14: Construction Vibration - Unmitigated

Receptor	PPV (in/sec) at Receptor				Threshold PPV (in/sec)	Exceeds Threshold ?
			Loaded Trucks	Track Mounted Loader/ Small Bulldozer		
Reference Vibration Level at 25 feet	*0.734*	*0.089*	*0.076*	*0.003*		
1 – Residential (500 S Westmoreland Avenue)	0.12	0.01	0.02	<0.01	0.3[2]	No
2A – Residential (509 and 511 Westmoreland Avenue)	0.10	0.01	0.02	<0.01	0.5[1]	No
2B – Residential (519 and 523 Westmoreland Avenue)	0.10	0.01	0.02	<0.01	0.25[4]	No
2C – Residential (529 and 533 Westmoreland Avenue)	0.08	0.01	0.02	<0.01	0.3[2]	No
2D – Residential (3101, 3105, 3103, 3107, 3109, 3115, 3113, 3117, and 3111 6th Street)	0.06	0.01	0.01	<0.01	0.25[4]	No
3A – Residential (444 Westmoreland Avenue)	0.02	<0.01	0.01	<0.01	0.3[2]	No
3B – Residential (425, 429, 435, 443 Virgil Avenue, 3105 5th Street, and 434 Westmoreland)	0.03	<0.01	0.01	<0.01	0.5[1]	No
4 – Puritan Reformed University 3000 W 6th Street)	0.03	<0.01	0.01	<0.01	0.5[1]	No
5A – Residential (418 S Virgil Avenue)	0.01	<0.01	<0.01	<0.01	0.5[1]	No
5B – Residential (424 S Virgil Avenue and 3055 W 5th Street)	0.01	<0.01	<0.01	<0.01	0.3[2]	No
5C – Residential (436 S Virgil Avenue)	0.01	<0.01	0.01	<0.01	0.5[1]	No
6 – Residential 531 and 537 S Commonwealth Avenue	0.02	<0.01	0.01	<0.01	0.3[2]	No
7A – New Covenant Academy/ Doulos Mission Church (522 and 530 Shatto Place)	0.02	<0.01	0.01	<0.01	0.5[1]	No
7B – New Covenant Academy/ Doulos Mission Church (550 S Shatto Place)	0.02	<0.01	<0.01	<0.01	0.25[4]	No
8A – Residential (2968 W 6th Street)	0.02	<0.01	0.01	<0.01	0.5[1]	No
8B – Residential (620 S Virgil Avenue)	0.01	<0.01	<0.01	<0.01	0.25[4]	No
9 – World Mission University (500 S Shatto Place)	0.02	<0.01	0.01	<0.01	0.5[1]	No
10 – Residential (3163 W 5th Street, 456 S Shatto Place, 439, 433, and 423 S Westmoreland Avenue)	0.02	<0.01	0.01	<0.01	0.5[1]	No
11 – Residential (611 and 615 S Virgil Avenue)	0.01	<0.01	<0.01	<0.01	0.3[2]	No
12 – St John Grace University (617 and 612 S Virgil Avenue)	0.01	<0.01	<0.01	<0.01	0.5[1]	No
13 – Kidsbel (Educational Institution) (609 S Westmoreland Avenue)	0.01	<0.01	<0.01	<0.01	0.3[2]	No

Table 14: Construction Vibration - Unmitigated

Receptor	PPV (in/sec) at Receptor				Threshold PPV (in/sec)	Exceeds Threshold ?
			Loaded Trucks	Track Mounted Loader/ Small Bulldozer		
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church (434, 440, and S Shatto Place)	0.01	<0.01	<0.01	<0.01	0.5[1]	No
15 – Immaculate Heart of Mary Preschool (426 S Commonwealth Avenue)	0.01	<0.01	<0.01	<0.01	0.3[2]	No
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles (540, 538, 532, 526, 520, 516, 510, 502 S Commonwealth Avenue)	0.01	<0.01	<0.01	<0.01	0.25[4]	No
17 – Medical Office (501, 503, 505, 509, and 511 S Virgil Avenue)	0.44	0.05	0.45	0.02	0.5[1]	No
18 – Commercial (535 and 539 S Virgil Avenue, 3005 and 3031 W 6th Street, 530, 534, and 538 S Westmoreland Avenue)	**6.24**	**0.76**	0.45	0.02	0.5[1]	**Yes**
19 – Medical Office (500, 510, 520, 524, 530, 534 S Virgil Avenue, and 2999 W 6th Street)	0.13	0.02	0.02	<0.01	0.5[1]	No
20 – Commercial (3030 W 6th Street, 606, and 610 S Westmoreland Avenue)	0.02	<0.01	0.01	<0.01	0.5[1]	No
21 – Medical Office (614 and 616 S Westmoreland Avenue)	0.01	<0.01	<0.01	<0.01	0.5[1]	No
22 – Commercial (615, 617, and 621 S Westmoreland Avenue)	0.01	<0.01	<0.01	<0.01	0.25[4]	No
23 – Medical Office (601 and 605 S Westmoreland Avenue)	0.02	<0.01	<0.01	<0.01	0.5[1]	No
24 – Medical Office (3130 W 6th Street)	0.01	<0.01	<0.01	<0.01	0.25[4]	No
25 – Commercial (514 S Shatto Place)	0.02	<0.01	0.01	<0.01	0.5[1]	No

1. Thresholds Update criteria for moder industrial/commercial buildings and newer residential structures.
2. Threshold Update criteria for older residential structures, which is defined as a structure over 50 years.
3. Thresholds Update criteria for historic buildings.

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, 2018; City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, 2024.

As shown in Table 14, construction-related vibration would fall under the applicable thresholds for all of the vibration sensitive receptors except for Receptor 18, a commercial building located approximately 6 feet to the south of anticipated shoring activities using either a vibratory/sonic pile driver or caisson drill rig.

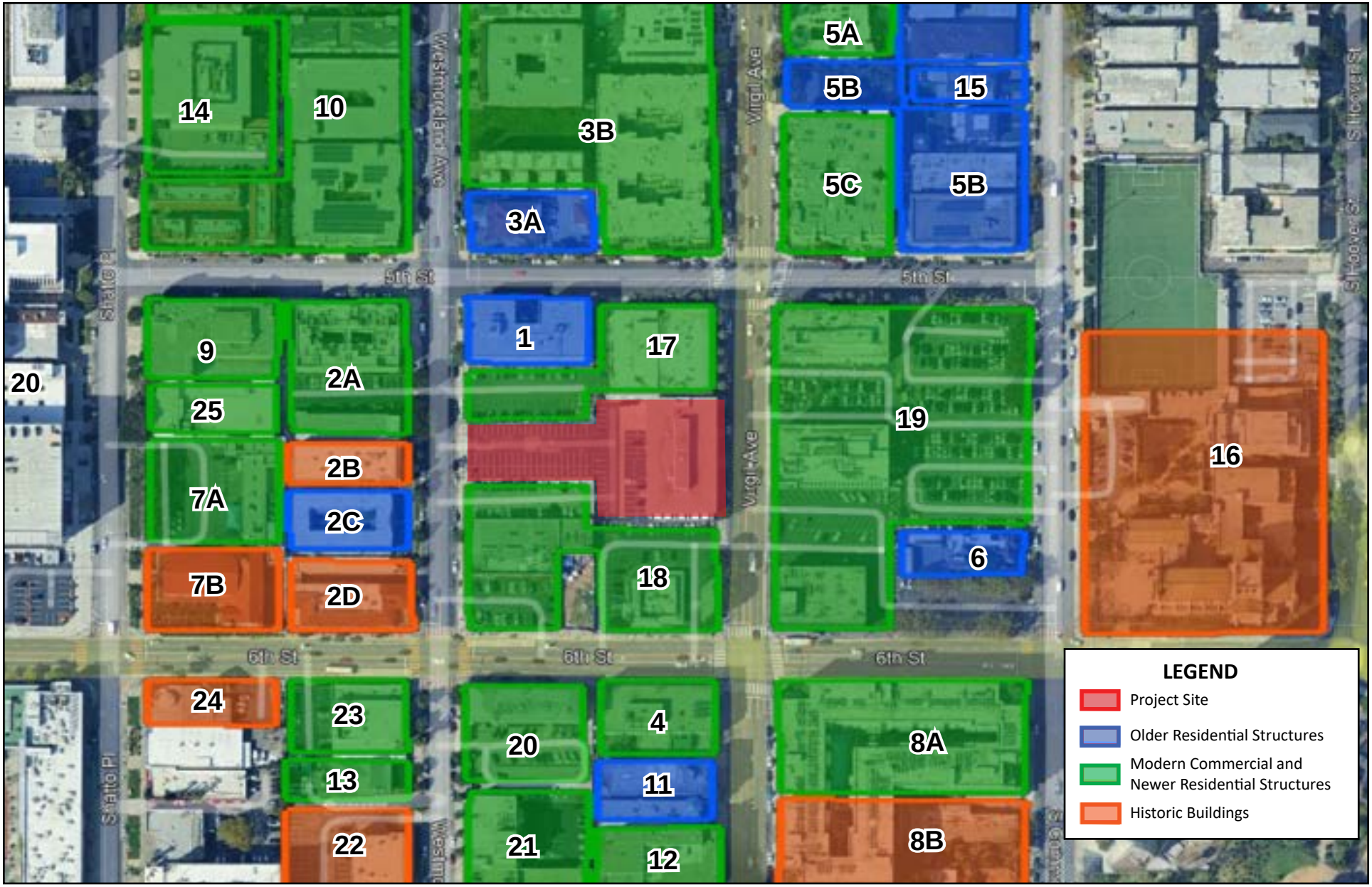
Table 15: Construction Vibration – Mitigated				
Receptor	**PPV (in/sec) at Receptor**		**Threshold PPV (in/sec)**	**Exceeds Threshold?**
	Vibratory/ Sonic Pile Driver	**Caisson Drill**		
Reference Vibration Level at 25 feet	*0.734*	*0.089*		
Required Buffer Distance	***33***	***8***		
18 – Commercial (535 and 539 S Virgil Avenue, 3005 and 3031 W 6th Street, 530, 534, and 538 S Westmoreland Avenue)	0.48	0.49	0.5[1]	No
1. Thresholds Update criteria for moder industrial/commercial buildings and newer residential structures.				
Source: Federal Transit Administration. *Transit Noise and Vibration Impact Assessment Manual.* 2018; City of Los Angeles. Construction Noise and Vibration Updates to Thresholds and Methodology. 2024.				

As shown in Table 15, implementation of **Mitigation Measures NOI-1 and NOI-2**, which are set for below, would reduce vibration impacts to a less than significant level by requiring the designation of a construction relations officer to serve as a liaison with adjacent uses and prohibiting the on-site use of a vibratory/sonic pile driver within 33 feet and prohibiting the use of a caisson drill within 8 feet of the non-residential building to the south. Therefore, the Project's on-site construction vibration impacts would be less than significant with mitigation incorporated.

Human Annoyance

The City has not established a quantitative human annoyance threshold during the permitted hours of construction, as construction activities that are undertaken during daytime hours are a typical part of living in an urban environment and construction vibration would not be anticipated to result in health impacts or to substantially affect the activities of the general public during daytime hours.[75] Because Project construction will comply with the City's permitted hours of construction, vibration impacts for human annoyance would be less than significant, and no mitigation is required.

[75] City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 19, 2024.



SOURCE: Google Earth Pro, 2025

N.T.S.

FIGURE 5: Vibration Receptors Locations Map

525 SOUTH VIRGIL AVENUE PROJECT

Kimley»Horn

Off-site Construction Vibration

With regard to construction trucks, Project construction would involve truck travel along nearby roadways, generating vibration events with each passing truck. During excavation, soil would be stockpiled within designated areas of the Project Site prior to export. According to the FTA Manual, a truck rarely creates vibration levels that exceed 70 VdB (equivalent to 0.012 in/sec PPV) when on a roadway.[76] The factors influencing levels of groundborne vibration include vehicle speed, vehicle suspension, and wheel condition and type. The frequency of vibration events is not listed as an influencing factor for vibration velocity by the FTA.[77] As such, multiple trucks traveling along the roadway would increase the frequency of vibration events but would not affect the vibration velocity experienced by receptors. Therefore, because the trucks would generate vibration of approximately 0.012 in/sec PPV, which is well below the 0.25-0.5 in/sec PPV thresholds,[78] vibration impacts pursuant to the significance criteria for building damage from off-site construction activities would be less than significant and no mitigation measures are required.

Operation

Vibrations generated by Project operations would primarily result from personal automobiles and small box trucks commonly used for household moving/storage purposes used by employees and customers and occasional loading and unloading within the Project's parking garage. Due to the rapid drop-off rate of groundborne vibration and the short duration of the associated events, vehicular traffic-induced groundborne vibration is rarely perceptible beyond the roadway right-of-way, and rarely results in vibration levels that cause damage to buildings in the vicinity.[79] Moreover, all such activities would take place within the covered and enclosed parking garage. According to the FTA's Transit Noise and Vibration Impact Assessment, trucks such as delivery trucks, refuse collection trucks, and occasional moving trucks rarely create vibration levels that exceed 70 VdB (equivalent to 0.012 in/sec PPV) when they are on roadways, which is well below the 0.25-0.5 in/sec PPV thresholds.[80]

Operation of the Project would also include the use of building mechanical equipment consisting of typical commercial-grade air condenser units mounted at the roof level with vibration-attenuation mounts to reduce vibration transmission. The Project would also include a ground level transformer on the northeastern corner of the Project Site. Commercial transformers generally do not exceed 0.10 in/sec PPV, which is well below the 0.25-0.5 in/sec PPV thresholds.[81, 82] As such, vibration would not be perceptible at off-site sensitive receptors.

Therefore, vibration impacts associated with Project operations would be less than significant and no mitigation measures are required.

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76 Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 113, 2018.
77 Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 111, 2018.
78 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, Attachment 2 – Thresholds, page 5, 2024.
79 Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 112, 2018.
80 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, Attachment 2 – Thresholds, page 5, 2024.
81 Dr. Michael Li, What is the vibration level of a dry type transformer?, 2025, https://www.sino-powers.com/blog/what-is-the-vibration-level-of-a-dry-type-transformer-350584.html. Accessed November 25, 2025.
82 City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, page 5, 2024.

Mitigation Measures: As analyzed above, vibration impacts associated with off-site sources during construction would have the potential to result in significant temporary impacts. However, implementation of the following mitigation measure would reduce construction-related vibration impacts to a less than significant level.

MM NOI-1: The developer shall designate a construction relations officer to serve as a liaison with the adjacent uses. The liaison shall be responsible for responding to concerns regarding vibration within 24 hours of receiving a complaint. The liaison shall respond to concerns by ensuring that steps are taken to reduce vibration levels, as deemed appropriate and safe by the on-site construction manager. Such steps could include substituting lower vibration generating equipment or activity or rescheduling of high vibration-generating activity.

MM NOI-2: Prior to construction, the Applicant shall retain a contractor to manage Project construction. The contractor shall ensure that the on-site operation of vibratory equipment adheres to the following restrictions to ensure that vibration velocities would not exceed 0.5 in/sec PPV.

- On-site operation of vibratory/sonic pile drivers are prohibited within 33 feet of any adjacent non-residential structure.
- On-site operation of caisson drill rigs are prohibited within 8 feet and of any adjacent non-residential structure

Level of Significance: Less than significant impact with mitigation incorporated.

Threshold 6.3 ***For a Project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the Project area to excessive noise levels?***

The Project Site is located approximately 2.5 miles northwest of the Los Angeles Times-Los Angeles Heliport, 9.5 miles northeast of Santa Monica Airport, 9.7 miles southeast of Hollywood-Burbank Airport, and 9.9 miles northeast of Los Angeles International Airport (LAX). The Project Site is not located within the Planning Boundary/Influence Area or within an existing or projected noise contour associated with any private or public airport or airstrip. The Project would not expose people residing or working at the Project Site to excessive noise levels. Therefore, no impacts would occur, and no mitigation is required.

Mitigation Measures: No mitigation is required.

Level of Significance: No impact.

6.2 Cumulative Impacts

Cumulative Construction Noise

As discussed above, Project construction would not result in a substantial increase in ambient noise

levels with the incorporation of mitigation. The Project could contribute to cumulative construction project noise impacts if the Project's construction activities and the Related Project's construction activities were conducted concurrently. Noise from the construction of projects is typically localized and has the potential to affect noise-sensitive uses only within 500 feet from the construction site, as construction noise would be attenuated by distance and intervening buildings, as typical in an urban setting.[83] Thus, the noise from construction activities for two projects located within 1,000 feet of each other could contribute to a cumulative noise impact for receptors located between the two construction sites.

The Related Project nearest to the Project Site is Related Project 1, which is located at 2965 West 6th Street, approximately 265 feet to the southeast of the Project Site. If construction of Related Project 1 were to overlap with construction of the Project, cumulative construction noise level increase could occur at sensitive uses surrounding the Project Site. Based on the distance of receptors to Related Project 1 and the Project Site, Related Project 1 is in close enough proximity that its individual or combined short-term construction noise levels could have a cumulative impact on the sensitive receptors analyzed herein. Related Project 1 is adjacent to Sensitive Receptor 6, the residential building located 250 feet to the east of the Project Site. As shown in Table 7, construction noise levels could reach up to 52.9 dBA L_{eq} at Sensitive Receptor 6. Assuming that construction activities from Related Project 1 and the proposed Project would overlap and the noise level from the proposed Project and Related Project 1 construction would be the same at each sensitive receptor, the combined noise levels could reach 55.9 dBA L_{eq} at Sensitive Receptor 6.[84] This combined noise level would not exceed the City's construction noise threshold of 80 dBA. All other Related Projects are located at greater distances from the Project Site. Thus, based on the relative location of the proposed Project to the Related Projects and noise attenuation provided by distance and intervening structures, construction noise from related projects is not anticipated to contribute substantial levels of construction noise at the receptors most impacted by the proposed Project. In light of the proposed Project's less than significant impacts, the Project's contribution to a potential cumulative construction noise impact would not be considerable.

In addition, construction activities at other planned and approved projects near the Project Site would be required to comply with applicable City rules related to noise and would take place during daytime hours on the days permitted by the applicable Municipal Code, and projects requiring discretionary City approvals would be required to evaluate construction noise impacts, comply with the City's standard conditions of approval, and implement mitigation, if necessary, to minimize noise impacts. Construction noise impacts are by nature localized. Based on the fact that noise dissipates as it travels away from its source, noise impacts would be limited to the Project Site and vicinity. Therefore, Project construction would not result in a cumulatively considerable contribution to significant cumulative impacts, assuming such a cumulative impact existed, and impacts in this regard are not cumulatively considerable.

[83] City of Los Angeles, L.A. CEQA Thresholds Guide, page I-1-1, 2006, https://planning.lacity.gov/eir/CrossroadsHwd/deir/files/references/A07.pdf. Accessed December 2, 2025.

[84] When two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be 3 dBA higher than one source under the same conditions. (Federal Highway Administration, Noise Fundamentals, 2017)

Cumulative Operational Noise

Cumulative Stationary Noise

Stationary noise sources of the Project would result in an incremental increase in non-transportation noise sources within the Project Site vicinity. However, as discussed above, operational noise caused by the Project would be less than significant. Similar to the Project, other planned and approved projects would be required to mitigate for stationary noise impacts at nearby sensitive receptors, if necessary. As stationary noise sources are generally localized, there is a limited potential for other projects to contribute to cumulative noise impacts.

No known past, present, or reasonably foreseeable future projects would combine with the operational noise levels generated by the Project to increase noise levels above acceptable standards because each project must comply with applicable City regulations that limit operational noise. Therefore, the Project, together with other projects, would not create a significant cumulative impact, and even if there were such a significant cumulative impact, the Project would not make a cumulatively considerable contribution to significant cumulative operational noises.

Given that noise dissipates as it travels away from its source, operational noise impacts from on-site activities and other stationary sources would be limited to the Project Site and vicinity. Thus, cumulative operational noise impacts from Related Projects, in conjunction with Project specific noise impacts, would not be cumulatively significant.

Cumulative Off-site Traffic Noise

Analyzing cumulative mobile noise is a two-step process. First, the combined effects from both a project and its related projects are assessed to determine if the combined noise level (i.e., the Combined Effect) exceeds the applicable threshold. Second, if a threshold is exceeded, the project's contributions to such increase (i.e., the Incremental Effects) are then analyzed. A project's contribution to a cumulative traffic noise increase would be considered significant when the Combined Effect exceeds the applicable perception level (i.e., auditory level increase) threshold. The Combined Effect compares the "Cumulative With Project" condition to "Existing" conditions. This comparison accounts for the traffic noise increase generated by the Project combined with the traffic noise increase generated by Related Projects. The Incremental Effects compare the "Future Without Project" condition to the "Cumulative With Project" condition. This comparison accounts for how much of the cumulative increase is specifically attributable to the project.

The following criteria are used to evaluate whether the cumulative with Project noise level would create a significant cumulative noise increase and whether the Project has a significant incremental contribution to the cumulative noise increase.

- Combined Effect. The cumulative with Project noise level ("Cumulative With Project") causes a 3.0 dBA increase over "Existing" conditions and the resulting noise level exceeds the applicable exterior standard at a sensitive use.
- Incremental Effects. The "Cumulative With Project" causes a 1.0 dBA increase in noise over the "Cumulative Without Project" noise level.

Thus, although there may be a significant noise increase due to the Project in combination with identified cumulative projects (the Combined Effect), the Project must also exceed the Incremental Effect threshold for its impact to be significant. In other words, a significant portion of the noise increase must be due to the Project.

A significant impact would result only if both the combined and incremental effects criteria have been exceeded and if noise levels exceed acceptable noise levels. Noise by definition is a localized phenomenon and reduces as distance from the source increases. Consequently, only the proposed Project and growth due to occur in the general area would contribute to cumulative noise impacts. Increases in local volumes from Related Projects within a half-mile radius of the Project Site have been estimated by the Traffic Assessment and included in cumulative traffic conditions. Table 16: Cumulative Roadway Traffic Noise Impacts identifies the traffic noise effects along roadway segments in the vicinity of the Project site for "Existing," "Cumulative Future Without Project," and "Cumulative Future Plus Project" conditions and net cumulative impacts.

Table 16: Cumulative Roadway Traffic Noise Impacts

Roadway Segment	CNEL @ 50 feet from Centerline[1]			Combined Effects	Incremental Effects	Cumulatively Significant Impact?
	Existing	Cumulative Future Without Project	Cumulative Future Plus Project	dBA Difference Between Existing and Cumulative With Project	dBA Difference Between Cumulative With Project and Without Project	
5th Street west of Westmoreland Avenue	56.1	56.3	56.4	0.3	0.1	No
5th Street between Westmoreland Avenue and Virgil Avenue	56.1	56.3	56.4	0.3	0.1	No
5th Street east of Virgil Avenue	56.5	57.3	57.4	0.9	0.1	No
6th Street west of Westmoreland Avenue	68.1	68.6	68.6	0.5	0.0	No
6th Street west of Westmoreland Avenue	68.1	68.5	68.5	0.4	0.0	No
6th Street between Westmoreland Avenue and Virgil Avenue	68.1	68.4	68.4	0.3	0.0	No
Westmoreland Avenue between north of 5th Street	59.0	59.6	59.6	0.6	0.0	No
Westmoreland Avenue between 5th Street and 6th Street	60.5	60.9	61.0	0.5	0.1	No
Westmoreland Avenue south of 6th Street	60.9	61.2	61.2	0.3	0.0	No
Virgil Avenue north of 5th Street	65.8	66.1	66.1	0.3	0.0	No
Virgil Avenue between 5th Street and 6th Street	65.8	66.2	66.2	0.4	0.0	No
Virgil Avenue south of 6th Street	66.7	66.9	66.9	0.2	0.0	No

dBA = A-weighted decibels; CNEL = day-night noise level

Table 16: Cumulative Roadway Traffic Noise Impacts						
Roadway Segment	CNEL @ 50 feet from Centerline[1]			Combined Effects	Incremental Effects	Cumulatively Significant Impact?
	Existing	Cumulative Future Without Project	Cumulative Future Plus Project	dBA Difference Between Existing and Cumulative With Project	dBA Difference Between Cumulative With Project and Without Project	
1. Traffic noise levels are at 50 feet from the roadway centerline.						
Source: Based on traffic data provided by Gibson Transportation Consulting, 2026. Refer to Appendix A for traffic noise modeling assumptions and results.						

As shown in Table 16, there is no Combined Effect that exceeds the 3.0 dBA threshold or Incremental Effects attributable to the Project that exceeds the incremental 1.0 dBA threshold. As such, there are no cumulative noise level increases that exceed both the Combined Effect and Incremental Effects thresholds. Therefore, the Project's contribution to cumulative traffic noise would not be cumulatively considerable.

Cumulative Construction Groundborne Vibration

Due to rapid attenuation characteristics of groundborne vibration, only Related Projects located adjacent to the same sensitive receptors would result in cumulatively considerable vibration impacts. However, there are no structures adjacent to both the Project and any Related Projects that could be impacted by potential cumulative vibration from overlapping construction with respect to structural damage, sensitive medical equipment, or human annoyance. Therefore, construction of related projects would not contribute to the Project's construction vibration impacts and no cumulative impacts would occur.

As previously discussed, based on the FTA Manual, a truck rarely creates vibration levels that exceed 70 VdB (equivalent to 0.012 in/sec PPV) when on a roadway.[85] The vibration generated by a typical heavy truck would be approximately 63 VdB (0.00566 PPV) at a distance of 50 feet from the truck.[86] As Related Projects would be anticipated to use similar trucks as the Project, it is anticipated that construction trucks would generate similar vibration levels along the anticipated truck route(s). As discussed above, due to rapid attenuation characteristics of groundborne vibration, potential cumulative impacts associated with off-site truck travel would be less than significant with regards to structural damage. Therefore, construction of Related Projects would not contribute to the Project's construction vibration impacts and cumulative impacts would be less than significant.

Additionally, as noted above, there are no vibratory impacts for human annoyance when construction takes place during the City's permitted construction hours. Project construction will comply with the City's permitted construction hours, and the Related Projects would likewise be subject to the same restrictions or would need to seek City approval for any deviations. As such, cumulative impacts would be less than significant.

[85] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 113, 2018.
[86] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, page 113, 2018.

Cumulative Operational Groundborne Vibration

Due to the rapid attenuation characteristics of groundborne vibration and distance from each of the Related Projects to the Project Site, there is no potential for cumulative operational impacts with respect to groundborne vibration. Therefore, cumulative operational vibrations impacts would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than Significant.

7.0 REFERENCES

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18. Gibson Transportation Consulting, Transportation Assessment for the 525 S. Virgil Avenue Self-Storage Project, Los Angeles, California. 2026.
19. James P. Cowan, Handbook of Environmental Acoustics,1994.
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22. State of California Governor's Office of Planning and Research, General Plan Guidelines, Appendix D: Noise Element Guidelines, page 374, 2017, https://opr.ca.gov/docs/OPR_COMPLETE_7.31.17.pdf. Accessed October 9, 2025.
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Appendix A

Noise Measurement Data

Noise Measurement Field Data

Project:	Virgil Avenue Self Storage	**Job Number:**	199109001
Site No.:	ST 1	**Date:**	5/28/2025
Analyst:	Dharma Truong and Jin Choi	**Time:**	11:30 a.m. - 11:45 a.m.
Location:	southwestern corner of 5th Street and Virgil Avenue		
Noise Sources:	cars passing by, aircraft, birds chirping, drilling, person dumping trash, building door opening, person walking		
Comments:			

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
58.1	49.6	71.5	88.4

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	69
Wind (mph):	5
Sky:	Partly Cloudy
Bar. Pressure:	29.92
Humidity:	66%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	ST.065.s	Computer's File Name	LxTse_0007061-20250528 113021-ST.065.ldbin
Meter	LxT SE 0007061	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2025-05-28 11:30:21	Duration	0:15:00.0		
End Time	2025-05-28 11:45:21	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2024-07-11 10:35:45	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	58.1 dB		
LAE	87.6 dB	SEA	--- dB
EA	64.6 µPa²h		
LA_{peak}	88.4 dB	2025-05-28 11:39:42	
LAS_{max}	71.5 dB	2025-05-28 11:37:01	
LAS_{min}	49.6 dB	2025-05-28 11:32:16	
LA_{eq}	58.1 dB		
LC_{eq}	69.2 dB	LC_{eq} - LA_{eq}	11.1 dB
LAI_{eq}	61.1 dB	LAI_{eq} - LA_{eq}	3.0 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LApeak > 135.0 dB	0	0:00:00.0
LApeak > 137.0 dB	0	0:00:00.0
LApeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
58.1 dB	58.1 dB	0.0 dB

LDEN	LDay	LEve	LNight
58.1 dB	58.1 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	58.1 dB		69.2 dB		--- dB	
$LS_{(max)}$	71.5 dB	2025-05-28 11:37:01	--- dB	None	--- dB	None
$LS_{(min)}$	49.6 dB	2025-05-28 11:32:16	--- dB	None	--- dB	None
$L_{Peak(max)}$	88.4 dB	2025-05-28 11:39:42	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 5.0	63.0 dB
LAS 10.0	60.7 dB
LAS 33.3	56.5 dB
LAS 50.0	54.7 dB
LAS 66.6	53.5 dB
LAS 90.0	51.8 dB

Noise Measurement Field Data

Project:	Virgil Avenue Self Storage	**Job Number:**	199109001
Site No.:	ST 2	**Date:**	5/28/2025
Analyst:	Dharma Truong and Jin Choi	**Time:**	10:20 a.m. - 10:35 a.m.
Location:	Adjacent to the Pilgram School parking lot and soccer field		
Noise Sources:	people walking and talking, cars passing by, HVAC units, birds chirping, gate opening and closing, clanging pipes, dogs barking, saw, biking		
Comments:			

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
61.7	53.0	76.1	91.9

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	67
Wind (mph):	6
Sky:	Partly Cloudy
Bar. Pressure:	29.94
Humidity:	66%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	ST.062.s	Computer's File Name	LxTse_0007061-20250528 102025-ST.062.ldbin
Meter	LxT SE 0007061	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2025-05-28 10:20:25	Duration	0:15:00.0		
End Time	2025-05-28 10:35:25	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2024-07-11 10:35:45	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	61.7 dB		
LAE	91.2 dB	SEA	--- dB
EA	147.9 µPa²h		
LA_{peak}	91.9 dB	2025-05-28 10:23:53	
LAS_{max}	76.1 dB	2025-05-28 10:23:53	
LAS_{min}	53.0 dB	2025-05-28 10:34:06	
LA_{eq}	61.7 dB		
LC_{eq}	69.2 dB	LC_{eq} - LA_{eq}	7.5 dB
LAI_{eq}	63.6 dB	LAI_{eq} - LA_{eq}	1.9 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LApeak > 135.0 dB	0	0:00:00.0
LApeak > 137.0 dB	0	0:00:00.0
LApeak > 140.0 dB	0	0:00:00.0

Community Noise	LDN	LDay	LNight
	61.7 dB	61.7 dB	0.0 dB

	LDEN	LDay	LEve	LNight
	61.7 dB	61.7 dB	--- dB	--- dB

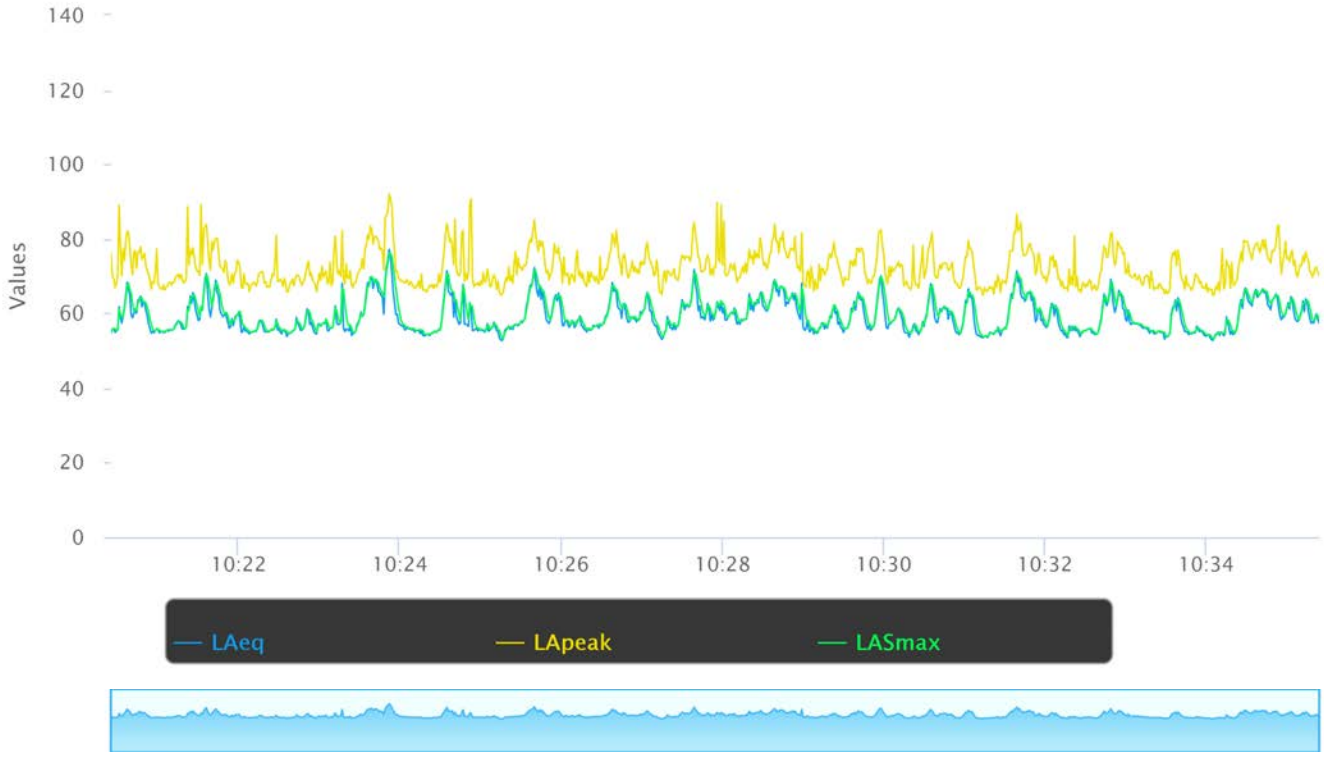
Any Data	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	61.7 dB		69.2 dB		--- dB	
$LS_{(max)}$	76.1 dB	2025-05-28 10:23:53	--- dB	None	--- dB	None
$LS_{(min)}$	53.0 dB	2025-05-28 10:34:06	--- dB	None	--- dB	None
$L_{Peak(max)}$	91.9 dB	2025-05-28 10:23:53	--- dB	None	--- dB	None

Overloads	Count	Duration	OBA Count	OBA Duration
	0	0:00:00.0	0	0:00:00.0

Statistics

LAS 5.0	66.9 dB
LAS 10.0	65.2 dB
LAS 33.3	60.8 dB
LAS 50.0	58.3 dB
LAS 66.6	56.6 dB
LAS 90.0	55.0 dB

Time History



Noise Measurement Field Data

Project:	Virgil Avenue Self Storage	**Job Number:**	199109001
Site No.:	ST 3	**Date:**	5/28/2025
Analyst:	Dharma Truong and Jin Choi	**Time:**	10:46 a.m. - 11:01 a.m.
Location:	616 South Virgil Avenue		
Noise Sources:	car alarm and honking, mobile traffic, drilling, people walking and talking, aircraft		
Comments:			

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
68.4	53.6	85.3	97.3

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	68
Wind (mph):	6
Sky:	Partly Cloudy
Bar. Pressure:	29.94
Humidity:	66%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	ST.063.s	Computer's File Name	LxTse_0007061-20250528 104628-ST.063.ldbin
Meter	LxT SE 0007061	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2025-05-28 10:46:28	Duration	0:15:00.0		
End Time	2025-05-28 11:01:28	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2024-07-11 10:35:45	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	68.4 dB		
LAE	97.9 dB	SEA	--- dB
EA	691.8 µPa²h		
LA_{peak}	97.3 dB	2025-05-28 11:00:14	
LAS_{max}	85.3 dB	2025-05-28 11:00:16	
LAS_{min}	53.6 dB	2025-05-28 10:50:40	
LA_{eq}	68.4 dB		
LC_{eq}	78.6 dB	LC_{eq} - LA_{eq}	10.2 dB
LAI_{eq}	70.6 dB	LAI_{eq} - LA_{eq}	2.2 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	1	0:00:01.5
LAS > 115.0 dB	0	0:00:00.0
LApeak > 135.0 dB	0	0:00:00.0
LApeak > 137.0 dB	0	0:00:00.0
LApeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
68.4 dB	68.4 dB	0.0 dB

LDEN	LDay	LEve	LNight
68.4 dB	68.4 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	68.4 dB		78.6 dB		--- dB	
$LS_{(max)}$	85.3 dB	2025-05-28 11:00:16	--- dB	None	--- dB	None
$LS_{(min)}$	53.6 dB	2025-05-28 10:50:40	--- dB	None	--- dB	None
$L_{Peak(max)}$	97.3 dB	2025-05-28 11:00:14	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 5.0	74.0 dB
LAS 10.0	72.3 dB
LAS 33.3	67.0 dB
LAS 50.0	63.8 dB
LAS 66.6	62.0 dB
LAS 90.0	58.8 dB

Noise Measurement Field Data

Project:	Virgil Avenue Self Storage	**Job Number:**	199109001
Site No.:	ST 1	**Date:**	5/28/2025
Analyst:	Dharma Truong and Jin Choi	**Time:**	11:10 a.m. - 11:25 a.m.
Location:	Adjacent to Westmore Manor Apartments		
Noise Sources:	cars passing by, aircraft, birds chirping, person walking		
Comments:			

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
64.7	50.6	76.0	91.8

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	69
Wind (mph):	6
Sky:	Partly Cloudy
Bar. Pressure:	29.94
Humidity:	64%

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	ST.064.s	Computer's File Name	LxTse_0007061-20250528 111058-ST.064.ldbin
Meter	LxT SE 0007061	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2025-05-28 11:10:58	Duration	0:15:00.0		
End Time	2025-05-28 11:25:58	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2024-07-11 10:35:45	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	64.7 dB		
LAE	94.2 dB	SEA	--- dB
EA	295.1 µPa²h		
LA_{peak}	91.8 dB	2025-05-28 11:22:31	
LAS_{max}	76.0 dB	2025-05-28 11:11:15	
LAS_{min}	50.6 dB	2025-05-28 11:19:05	
LA_{eq}	64.7 dB		
LC_{eq}	73.6 dB	LC_{eq} - LA_{eq}	8.9 dB
LAI_{eq}	66.1 dB	LAI_{eq} - LA_{eq}	1.4 dB

Exceedances

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LApeak > 135.0 dB	0	0:00:00.0
LApeak > 137.0 dB	0	0:00:00.0
LApeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
64.7 dB	64.7 dB	0.0 dB

LDEN	LDay	LEve	LNight
64.7 dB	64.7 dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	64.7 dB		73.6 dB		--- dB	
$LS_{(max)}$	76.0 dB	2025-05-28 11:11:15	--- dB	None	--- dB	None
$LS_{(min)}$	50.6 dB	2025-05-28 11:19:05	--- dB	None	--- dB	None
$L_{Peak(max)}$	91.8 dB	2025-05-28 11:22:31	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 5.0	69.6 dB
LAS 10.0	68.4 dB
LAS 33.3	65.0 dB
LAS 50.0	62.3 dB
LAS 66.6	59.1 dB
LAS 90.0	55.1 dB

Noise Measurement Field Data

Project:	Virgil Avenue Self Storage	**Job Number:**	199109001
Site No.:	LT	**Date:**	5/28/2025 - 5/29/2025
Analyst:	Dharma Truong and Jin Choi	**Time:**	12:35 p.m. - 12:46 p.m.
Location:	Center of the Project Site northern boundary		
Comments:			

Results (dBA):

Leq:	Lmin:	Lmax:	Peak:
56.4	44.9	106.7	82.4

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Photo:



Kimley»Horn

Measurement Report

Report Summary

Meter's File Name	LT_1.026.s	Computer's File Name	LxTse_0007061-20250528 123530-LT_1.026.ldbin
Meter	LxT SE 0007061	Firmware	2.404
User		Location	
Job Description			
Note			

Start Time	2025-05-28 12:35:30	Duration	24:10:46.9		
End Time	2025-05-29 12:46:17	Run Time	24:10:46.9	Pause Time	0:00:00.0
Pre-Calibration	2025-05-28 12:27:28	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA_{eq}	56.4 dB		
LAE	105.8 dB	SEA	--- dB
EA	4.2 mPa²h		
LA_{peak}	106.7 dB	2025-05-28 12:38:28	
LAS_{max}	82.4 dB	2025-05-29 08:18:46	
LAS_{min}	44.9 dB	2025-05-29 01:32:44	
LA_{eq}	56.4 dB		
LC_{eq}	67.1 dB	LC_{eq} - LA_{eq}	10.7 dB
LAI_{eq}	58.2 dB	LAI_{eq} - LA_{eq}	1.8 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LApeak > 135.0 dB	0	0:00:00.0
LApeak > 137.0 dB	0	0:00:00.0
LApeak > 140.0 dB	0	0:00:00.0

Community Noise

LDN	LDay	LNight
59.2 dB	57.9 dB	0.0 dB

LDEN	LDay	LEve	LNight
59.8 dB	58.3 dB	56.1 dB	50.8 dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	56.4 dB		67.1 dB		--- dB	
$Ls_{(max)}$	82.4 dB	2025-05-29 08:18:46	--- dB	None	--- dB	None
$LS_{(min)}$	44.9 dB	2025-05-29 01:32:44	--- dB	None	--- dB	None
$L_{Peak(max)}$	106.7 dB	2025-05-28 12:38:28	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 5.0	61.4 dB
LAS 10.0	60.0 dB
LAS 33.3	55.0 dB
LAS 50.0	53.5 dB
LAS 66.6	50.4 dB
LAS 90.0	47.1 dB

Appendix B

Construction Noise Modeling Data

Project: Virgil
Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	Daytime hours (7 am to 7 pm)	8
	Evening hours (7 pm to 10 pm)	0
	Nighttime hours (10 pm to 7 am)	0
Leq to L10 factor		3

					RECEPTOR		1
Construction Phase	Equipment Type	No. of Equip.	Acoustical Usage Factor	Reference Noise Level at 50ft per Unit, Lmax	Distance (feet)	Noise Level at Receptor 1, Lmax	Noise Level at Receptor 1, Leq
Demolition							
	Excavator	1	40%	87	50	87.4	83.4
	Front End Loader (cyclical)	2	40%	81	50	84.4	80.4
	Combined LEQ						85.2
Site Preparation							
	Grader (passby)	1	40%	77	50	77.3	73.3
	Excavator	1	40%	87	50	87.4	83.4
	Front End Loader (cyclical)	1	40%	81	50	81.4	77.4
	Combined LEQ						84.7
Shoring							
	Vibratory Pile Driver	1	20%	106	50	105.6	98.6
	Auger Drill Rig	0	20%	102	50	0.0	0.0
Skid Steer	All Other Equipment > 5 HP	1	50%	85	50	85.0	82.0
	Telescopic Handler (Forklift)	1	40%	89	50	89.2	85.2
	Excavator	1	40%	87	50	87.4	83.4
	Combined LEQ						99.0
Grading							
	Grader (passby)	1	40%	77	50	77.3	73.3
	Front End Loader (cyclical)	1	40%	81	50	81.4	77.4
	Backhoe	1	40%	84	50	84.3	80.3
	Combined LEQ						82.7
Infrastructure Improvements/Detention							
	Excavator	1	40%	87	50	87.4	83.4
	Front End Loader (cyclical)	1	40%	81	50	81.4	77.4
Trencher	All Other Equipment > 5 HP	1	50%	85	50	85.0	82.0
	Combined LEQ						86.4
Building Construction							
	Crane	1	16%	79	50	79.0	71.0
	Telescopic Handler (Forklift)	1	40%	89	50	89.2	85.2
	Pump	2	50%	75	50	77.7	74.7
	Concrete Mixer Truck	2	40%	82	50	85.4	81.4
Combined LEQ							87.1
Paving							
	Concrete Mixer Truck	1	40%	82	50	82.4	78.4
	Pump	1	50%	75	50	74.7	71.7
	Paving - Asphalt (Paver + Dump Truck)	1	20%	84	50	84.1	77.1
	Front End Loader (cyclical)	1	40%	81	50	81.4	77.4
	Combined LEQ						82.8
Architectural Coating							
	Compressor	2	40%	68	50	71.1	67.1
	Combined LEQ						67.1
Overlapping Phases							
Building Construction + Architectural Coating							87.2
Building Construction + Paving							88.5

Source for Ref. Noise Levels: RCNM 2.0

515 S Virgil Construction Noise
Run info
Virgil Construction - Building Construction and Paving

Project info

Project title: 515 S Virgil Construction Noise
Project No.: 199109001
Project engineer:
Customer:

Description:

Run description

Calculation type: Single Point Sound
Title: Virgil Construction - Building Construction and Paving
Calculation group
Run file: RunFile.runx
Result number: 6
Local calculation (ThreadCount=22)
Calculation start: 5/21/2026 10:10:28 AM
Calculation end: 5/21/2026 10:10:35 AM
Calculation time: 00:03:283 [m:s:ms]
No. of points: 24
No. of calculated points: 24
Kernel version: SoundPLANnoise 9.0 (1/16/2024) - 64 bit

Run parameters

Reflection order: 3
Maximum reflection distance to receiver 200 m
Maximum reflection distance to source 50 m
Search radius 5000 m
Weighting: dB(A)
Allowed tolerance (per individual source): 0.100 dB
Create ground effect areas from road surfaces: Yes
Treat roads as terrain following: No

Standards:
- Industry: ISO 9613-2: 1996
- Air absorption: ISO 9613-1

regular ground effect (chapter 7.3.1), for sources without a spectrum automatically alternative ground effect

- Limitation of screening loss:
  - single/multiple 20.0 dB /25.0 dB
- Side diffraction: ISO/TR 17534-3:2015 compliant: no side diffraction if terrain blocks line of sight
- Use Eqn (Abar=Dz-Max(Agr,0)) instead of Eqn (12) (Abar=Dz-Agr) for insertion loss
- Environment:
  - Air pressure 1013.3 mbar
  - rel. humidity 70.0 %
  - Temperature 10.0 °C
  - Meteo. corr. C0(7-22h)[dB]=0.0; C0(22-7h)[dB]=0.0;
  - Ignore Cmet for Lmax industry calculation: No

Parameter for screening: C2=20.0
Dissection parameters:
- Distance to diameter factor: 8
- Minimal distance: 1 m
- Max. difference ground effect + diffraction: 1.0 dB
- Max. number of iterations: 4

Attenuation
- Foliage: ISO 9613-2
- Built-up area: ISO 9613-2
- Industrial site: ISO 9613-2

Assessment: Leq
Reflection of "own" facade is suppressed

Geometry data

Construction - Construction Paving.sit 5/21/2026 10:09:36 AM
- contains:
  - Calculation Area.geo 5/21/2026 9:55:36 AM
  - Combined Building Construction + Paving.geo 5/21/2026 10:09:36 AM
  - OSM_Building.geo 10/2/2025 4:23:38 PM
  - OSM_Elevation point.geo 10/2/2025 4:20:20 PM
  - Receivers.geo 5/21/2026 9:28:20 AM

515 S Virgil Construction Noise
Assessed receiver levels
Virgil Construction - Building Construction and Paving

Receiver	Usage	Fl	Dir	Leq,d dB(A)	Lr,diff dB	Leq,d,diff dB	
R1 Residential	GR	G		61.0			
		F2		62.5			
		F3		63.4			
		F4		63.8			
R2 Residential	GR	G		57.6			
		F2		58.3			
R2 Residential	GR	G		59.3			
		F2		60.3			
		F3		61.1			
		F4		61.5			
R2 Residential	GR	G		55.9			
		F2		56.6			
		F3		57.3			
		F4		57.9			
R2 Residential	GR	G		59.3			
		F2		60.3			
R3 Residential	GR	G		44.8			
		F2		45.3			
		F3		45.8			
		F4		46.3			
R3 Residential	GR	G		43.7			
		F2		44.0			
R4 School	SCH	G		48.8			
		F2		50.2			
		F3		52.9			
R5 Residential	GR	G		32.1			
		F2		32.2			
		F3		32.5			
		F4		32.9			
R5 Residential	GR	G		48.3			
		F2		48.8			
		F3		47.1			
		F4		47.6			
		F5		48.2			
		F6		49.0			
R6 Residential	GR	G		52.4			
		F2		52.9			
R7 School	SCH	G		43.6			
R8 Residential	GR	G		51.6			
		F2		52.2			
		F3		52.8			
		F4		53.3			

515 S Virgil Construction Noise
Assessed receiver levels
Virgil Construction - Building Construction and Paving

Receiver	Usage	Fl	Dir	Leq,d dB(A)	Lr,diff dB	Leq,d,diff dB	
		F5		53.8			
		F6		54.2			
		F7		54.7			
R9 School	SCH	G		51.6			
		F2		52.1			
		F3		52.6			
		F4		53.3			
R10 Residential	GR	G		46.5			
		F2		47.0			
		F3		47.4			
R10 Residential	GR	G		35.0			
		F2		35.2			
		F3		35.6			
R11 Residential	GR	G		46.6			
		F2		47.7			
		F3		49.3			
		F4		49.9			
		F5		50.3			
R12 School	SCH	G		46.3			
		F2		47.1			
R13 School	SCH	G		43.1			
		F2		43.9			
R14 School Church	SCH	G		27.0			
		F2		27.0			
		F3		27.3			
		F4		28.6			
R15 School	SCH	G		27.5			
		F2		29.4			
R16 School Church	SCH	G		44.7			
R16 School Church	SCH	G		43.1			
R16 School Church	SCH	G		43.6			

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Receiver R1 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 59.8 dB(A) Leq,d 61.(
Lr	36.7	36.8	33.0	59.4	44.6	45.7	39.6	30.8	
Leq,d	37.9	38.0	34.1	60.6	45.8	46.9	40.7	32.0	
Leq,e	36.1	36.2	32.4	58.8	44.0	45.1	39.0	30.2	
Leq,n									
Receiver R1 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 61.3 dB(A) Leq,d 62.
Lr	36.4	35.6	35.7	61.0	45.0	45.7	39.5	30.7	
Leq,d	37.6	36.8	36.9	62.2	46.1	46.9	40.7	31.9	
Leq,e	35.8	35.0	35.1	60.5	44.4	45.1	38.9	30.1	
Leq,n									
Receiver R1 Residential Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 62.2 dB(A) Leq,d 63.
Lr	36.3	36.1	36.5	62.0	44.9	45.6	39.4	30.5	
Leq,d	37.5	37.3	37.6	63.1	46.0	46.8	40.6	31.7	
Leq,e	35.7	35.5	35.9	61.4	44.3	45.0	38.8	30.0	
Leq,n									
Receiver R1 Residential Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 62.6 dB(A) Leq,d 63.
Lr	36.2	36.9	36.4	62.4	44.7	45.5	39.2	30.3	
Leq,d	37.4	38.1	37.6	63.5	45.9	46.6	40.4	31.5	
Leq,e	35.6	36.3	35.8	61.8	44.1	44.9	38.6	29.7	
Leq,n									
Receiver R2 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 56.4 dB(A) Leq,d 57.(
Lr	34.3	33.7	26.8	56.0	40.3	42.3	35.2	24.0	
Leq,d	35.5	34.8	28.0	57.2	41.5	43.4	36.3	25.2	
Leq,e	33.8	33.1	26.3	55.4	39.8	41.7	34.6	23.4	
Leq,n									
Receiver R2 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 57.1 dB(A) Leq,d 58.
Lr	33.2	32.1	30.8	56.8	40.8	42.2	35.1	23.9	
Leq,d	34.4	33.3	32.0	58.0	42.0	43.4	36.3	25.1	
Leq,e	32.6	31.5	30.2	56.2	40.3	41.7	34.5	23.4	
Leq,n									
Receiver R2 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 58.1 dB(A) Leq,d 59.3
Lr	35.3	34.9	29.2	57.8	42.2	43.9	37.0	26.7	
Leq,d	36.5	36.0	30.4	58.9	43.4	45.1	38.2	27.9	
Leq,e	34.7	34.3	28.6	57.2	41.6	43.3	36.4	26.1	
Leq,n									
Receiver R2 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 59.1 dB(A) Leq,d 60.
Lr	34.4	33.4	32.7	58.8	42.6	43.9	37.0	26.6	
Leq,d	35.5	34.6	33.9	60.0	43.8	45.0	38.2	27.8	
Leq,e	33.8	32.8	32.1	58.2	42.1	43.3	36.4	26.0	
Leq,n									
Receiver R2 Residential Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 59.9 dB(A) Leq,d 61.

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Lr	34.3	34.1	33.7	59.7	42.6	43.8	36.9	26.5	
Leq,d	35.5	35.3	34.8	60.9	43.8	45.0	38.1	27.7	
Leq,e	33.7	33.5	33.1	59.1	42.0	43.2	36.3	25.9	
Leq,n									
Receiver R2 Residential Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 60.4 dB(A)	Leq,d 61.			
Lr	34.2	35.2	33.6	60.1	42.5	43.8	36.8	26.3	
Leq,d	35.4	36.4	34.8	61.3	43.7	44.9	38.0	27.5	
Leq,e	33.6	34.6	33.1	59.5	41.9	43.2	36.3	25.7	
Leq,n									
Receiver R2 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 54.7 dB(A)	Leq,d 55.9			
Lr	33.0	31.8	24.8	54.3	38.7	40.7	33.6	22.0	
Leq,d	34.2	33.0	26.0	55.5	39.8	41.8	34.7	23.2	
Leq,e	32.4	31.3	24.2	53.8	38.1	40.1	33.0	21.4	
Leq,n									
Receiver R2 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 55.4 dB(A)	Leq,d 56.			
Lr	31.8	30.2	28.9	55.1	39.2	40.6	33.5	22.0	
Leq,d	33.0	31.4	30.0	56.3	40.4	41.8	34.7	23.1	
Leq,e	31.2	29.6	28.3	54.5	38.6	40.0	32.9	21.4	
Leq,n									
Receiver R2 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 56.1 dB(A)	Leq,d 57.			
Lr	31.7	31.1	30.0	55.8	39.2	40.6	33.5	21.9	
Leq,d	32.9	32.2	31.2	57.0	40.3	41.8	34.7	23.1	
Leq,e	31.1	30.5	29.4	55.3	38.6	40.0	32.9	21.3	
Leq,n									
Receiver R2 Residential Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 56.8 dB(A)	Leq,d 57.			
Lr	31.7	32.3	30.0	56.5	39.1	40.6	33.4	21.8	
Leq,d	32.8	33.5	31.2	57.7	40.3	41.7	34.6	23.0	
Leq,e	31.1	31.7	29.4	55.9	38.5	40.0	32.9	21.2	
Leq,n									
Receiver R2 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 58.1 dB(A)	Leq,d 59.3			
Lr	35.4	34.9	29.3	57.7	42.2	43.8	37.0	26.8	
Leq,d	36.6	36.1	30.5	58.9	43.4	45.0	38.2	28.0	
Leq,e	34.9	34.3	28.7	57.2	41.6	43.3	36.5	26.2	
Leq,n									
Receiver R2 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 59.1 dB(A)	Leq,d 60.			
Lr	34.5	33.4	32.7	58.8	42.6	43.8	37.0	26.7	
Leq,d	35.7	34.6	33.9	60.0	43.8	45.0	38.2	27.9	
Leq,e	33.9	32.8	32.1	58.2	42.0	43.2	36.4	26.1	
Leq,n									
Receiver R3 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 43.6 dB(A)	Leq,d 44.			
Lr	19.1	14.4	14.4	43.3	27.0	29.2	21.9	7.2	

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,d	20.3	15.5	15.6	44.5	28.2	30.4	23.1	8.4	
Leq,e	18.6	13.8	13.8	42.7	26.4	28.6	21.3	6.6	
Leq,n									
Receiver R3 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 44.1 dB(A)	Leq,d 45	
Lr	18.2	14.6	15.5	43.8	27.5	29.2	21.9	7.2	
Leq,d	19.4	15.8	16.6	45.0	28.7	30.4	23.1	8.4	
Leq,e	17.6	14.1	14.9	43.2	26.9	28.6	21.3	6.6	
Leq,n									
Receiver R3 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 44.6 dB(A)	Leq,d 45	
Lr	18.9	15.8	16.6	44.3	27.6	29.2	21.9	7.2	
Leq,d	20.1	16.9	17.8	45.5	28.7	30.3	23.1	8.3	
Leq,e	18.3	15.2	16.0	43.7	27.0	28.6	21.3	6.6	
Leq,n									
Receiver R3 Residential Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 45.1 dB(A)	Leq,d 46	
Lr	19.6	16.9	17.6	44.9	27.7	29.2	21.9	7.1	
Leq,d	20.8	18.1	18.8	46.1	28.8	30.3	23.0	8.3	
Leq,e	19.0	16.3	17.1	44.3	27.1	28.6	21.3	6.5	
Leq,n									
Receiver R3 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 42.5 dB(A)	Leq,d 43.7	
Lr	17.7	13.4	13.7	42.3	25.7	27.6	20.5	2.3	
Leq,d	18.8	14.6	14.9	43.4	26.9	28.7	21.7	3.5	
Leq,e	17.1	12.8	13.1	41.7	25.1	27.0	19.9	1.7	
Leq,n									
Receiver R3 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 42.8 dB(A)	Leq,d 44.	
Lr	16.6	13.4	15.7	42.5	26.2	27.6	20.5	2.3	
Leq,d	17.7	14.6	16.9	43.7	27.4	28.7	21.7	3.5	
Leq,e	16.0	12.9	15.2	41.9	25.6	27.0	19.9	1.7	
Leq,n									
Receiver R4 School Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 47.6 dB(A)	Leq,d 48.8 dB	
Lr	27.7	26.2	19.8	47.3	28.2	33.5	25.8	11.5	
Leq,d	28.9	27.4	20.9	48.5	29.4	34.7	27.0	12.7	
Leq,e	27.1	25.7	19.2	46.7	27.6	32.9	25.2	10.9	
Leq,n									
Receiver R4 School Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 49.1 dB(A)	Leq,d 50.2 dE	
Lr	25.8	26.1	23.4	48.8	32.7	33.7	25.9	11.5	
Leq,d	27.0	27.3	24.6	49.9	33.9	34.9	27.0	12.7	
Leq,e	25.2	25.5	22.8	48.2	32.1	33.1	25.3	10.9	
Leq,n									
Receiver R4 School Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 51.7 dB(A)	Leq,d 52.9 dE	
Lr	25.6	26.5	26.8	51.5	35.7	35.1	27.1	12.3	
Leq,d	26.8	27.6	28.0	52.6	36.8	36.3	28.2	13.4	

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Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,e	25.0	25.9	26.2	50.9	35.1	34.5	26.5	11.7	
Leq,n									
Receiver R5 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 30.9 dB(A) Leq,d 32.1
Lr	15.6	10.4	8.9	30.3	16.8	17.3	8.3	-10.5	
Leq,d	16.7	11.6	10.1	31.5	18.0	18.5	9.5	-9.3	
Leq,e	15.0	9.8	8.3	29.7	16.2	16.7	7.7	-11.1	
Leq,n									
Receiver R5 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 31.0 dB(A) Leq,d 32.
Lr	14.3	10.3	9.9	30.4	17.1	17.3	8.3	-10.5	
Leq,d	15.5	11.4	11.0	31.6	18.3	18.5	9.5	-9.3	
Leq,e	13.7	9.7	9.3	29.9	16.6	16.7	7.7	-11.1	
Leq,n									
Receiver R5 Residential Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 31.3 dB(A) Leq,d 32.
Lr	14.4	11.2	10.8	30.7	17.2	17.3	8.3	-10.5	
Leq,d	15.6	12.3	11.9	31.9	18.3	18.5	9.5	-9.4	
Leq,e	13.8	10.6	10.2	30.2	16.6	16.7	7.7	-11.1	
Leq,n									
Receiver R5 Residential Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 31.8 dB(A) Leq,d 32.
Lr	15.0	12.3	11.6	31.4	15.8	15.2	6.4	-11.5	
Leq,d	16.1	13.4	12.8	32.5	17.0	16.4	7.6	-10.4	
Leq,e	14.4	11.7	11.0	30.8	15.2	14.7	5.8	-12.1	
Leq,n									
Receiver R5 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 47.1 dB(A) Leq,d 48.3
Lr	27.0	25.0	17.6	46.7	30.8	34.0	26.3	12.4	
Leq,d	28.2	26.2	18.8	47.9	32.0	35.2	27.5	13.5	
Leq,e	26.4	24.4	17.0	46.1	30.2	33.4	25.7	11.8	
Leq,n									
Receiver R5 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 47.6 dB(A) Leq,d 48.
Lr	25.4	23.4	21.5	47.2	31.4	34.0	26.3	12.3	
Leq,d	26.6	24.6	22.7	48.4	32.6	35.2	27.5	13.5	
Leq,e	24.8	22.8	20.9	46.7	30.8	33.4	25.7	11.7	
Leq,n									
Receiver R5 Residential Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 45.9 dB(A) Leq,d 47.
Lr	23.4	22.2	20.5	45.6	29.1	31.7	24.0	10.1	
Leq,d	24.6	23.4	21.7	46.7	30.3	32.9	25.2	11.2	
Leq,e	22.8	21.6	20.0	45.0	28.5	31.1	23.5	9.5	
Leq,n									
Receiver R5 Residential Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 46.5 dB(A) Leq,d 47.
Lr	23.5	23.5	20.7	46.1	29.1	31.7	24.0	10.0	
Leq,d	24.6	24.7	21.9	47.3	30.3	32.9	25.2	11.2	
Leq,e	22.9	22.9	20.1	45.6	28.5	31.1	23.4	9.4	

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Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,n									
Receiver R5 Residential Fl F5	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.0 dB(A)	Leq,d 48.			
Lr	23.5	23.7	20.8	46.7	29.1	31.6	23.9	9.9	
Leq,d	24.7	24.9	22.0	47.9	30.3	32.8	25.1	11.1	
Leq,e	22.9	23.1	20.2	46.1	28.5	31.0	23.3	9.3	
Leq,n									
Receiver R5 Residential Fl F6	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.8 dB(A)	Leq,d 49.			
Lr	23.8	24.0	21.9	47.6	29.6	31.6	23.9	9.9	
Leq,d	25.0	25.2	23.1	48.7	30.7	32.8	25.1	11.1	
Leq,e	23.2	23.4	21.3	47.0	29.0	31.1	23.3	9.3	
Leq,n									
Receiver R6 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.2 dB(A)	Leq,d 52.4			
Lr	31.1	29.4	19.1	50.9	30.9	37.2	29.4	14.8	
Leq,d	32.2	30.6	20.3	52.1	32.1	38.4	30.5	16.0	
Leq,e	30.5	28.8	18.5	50.3	30.3	36.6	28.8	14.2	
Leq,n									
Receiver R6 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.7 dB(A)	Leq,d 52.			
Lr	28.8	28.2	22.8	51.3	35.4	37.2	29.4	14.8	
Leq,d	30.0	29.4	24.0	52.5	36.5	38.4	30.5	15.9	
Leq,e	28.2	27.6	22.2	50.7	34.8	36.6	28.8	14.2	
Leq,n									
Receiver R7 School Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.4 dB(A)	Leq,d 43.6 dB			
Lr	23.2	19.9	16.4	42.0	25.8	28.1	20.4	3.3	
Leq,d	24.4	21.1	17.6	43.2	27.0	29.3	21.6	4.5	
Leq,e	22.7	19.4	15.8	41.5	25.2	27.6	19.8	2.8	
Leq,n									
Receiver R8 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.5 dB(A)	Leq,d 51.6			
Lr	29.5	27.9	19.7	50.1	33.7	36.0	28.0	13.3	
Leq,d	30.6	29.1	20.8	51.3	34.8	37.1	29.2	14.5	
Leq,e	28.9	27.3	19.1	49.5	33.1	35.4	27.5	12.8	
Leq,n									
Receiver R8 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.0 dB(A)	Leq,d 52.			
Lr	27.8	26.3	24.4	50.7	34.4	36.0	28.1	13.3	
Leq,d	28.9	27.5	25.5	51.9	35.6	37.2	29.2	14.5	
Leq,e	27.2	25.7	23.8	50.1	33.8	35.4	27.5	12.7	
Leq,n									
Receiver R8 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.7 dB(A)	Leq,d 52.			
Lr	27.7	27.3	25.7	51.4	34.8	36.2	28.2	13.4	
Leq,d	28.8	28.4	26.9	52.6	36.0	37.3	29.4	14.5	
Leq,e	27.1	26.7	25.1	50.8	34.3	35.6	27.6	12.8	
Leq,n									

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Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Receiver R8 Residential Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.1 dB(A)	Leq,d 53.			
Lr	27.6	28.6	25.9	51.8	34.9	36.2	28.3	13.4	
Leq,d	28.8	29.8	27.1	53.0	36.1	37.3	29.4	14.6	
Leq,e	27.0	28.0	25.3	51.2	34.3	35.6	27.7	12.8	
Leq,n									
Receiver R8 Residential Fl F5	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.6 dB(A)	Leq,d 53.			
Lr	27.6	28.7	26.0	52.3	35.0	36.5	28.5	13.6	
Leq,d	28.8	29.9	27.1	53.5	36.1	37.6	29.7	14.7	
Leq,e	27.0	28.1	25.4	51.7	34.4	35.9	28.0	13.0	
Leq,n									
Receiver R8 Residential Fl F6	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 53.0 dB(A)	Leq,d 54.			
Lr	27.6	28.8	26.1	52.8	35.0	36.5	28.6	13.6	
Leq,d	28.8	30.0	27.3	54.0	36.1	37.7	29.8	14.8	
Leq,e	27.0	28.2	25.5	52.2	34.4	36.0	28.0	13.0	
Leq,n									
Receiver R8 Residential Fl F7	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 53.6 dB(A)	Leq,d 54.			
Lr	27.7	29.0	26.4	53.4	35.0	36.6	28.6	13.6	
Leq,d	28.8	30.2	27.5	54.5	36.2	37.8	29.8	14.7	
Leq,e	27.1	28.4	25.8	52.8	34.4	36.0	28.0	13.0	
Leq,n									
Receiver R9 School Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.4 dB(A)	Leq,d 51.6 dB			
Lr	30.6	27.8	18.0	50.1	30.1	36.4	28.0	11.8	
Leq,d	31.8	29.0	19.2	51.3	31.2	37.5	29.2	12.9	
Leq,e	30.0	27.2	17.4	49.5	29.5	35.8	27.4	11.2	
Leq,n									
Receiver R9 School Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.9 dB(A)	Leq,d 52.1 dE			
Lr	28.9	26.8	21.9	50.6	34.7	36.4	28.0	11.7	
Leq,d	30.0	27.9	23.0	51.7	35.9	37.6	29.2	12.9	
Leq,e	28.3	26.2	21.3	50.0	34.1	35.8	27.4	11.2	
Leq,n									
Receiver R9 School Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.5 dB(A)	Leq,d 52.6 dE			
Lr	27.8	26.0	25.2	51.2	34.9	36.4	28.0	11.7	
Leq,d	29.0	27.2	26.4	52.3	36.1	37.6	29.2	12.9	
Leq,e	27.3	25.4	24.6	50.6	34.3	35.8	27.4	11.1	
Leq,n									
Receiver R9 School Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.1 dB(A)	Leq,d 53.3 dE			
Lr	27.8	27.9	25.9	51.8	35.4	36.5	28.1	11.8	
Leq,d	29.0	29.1	27.1	53.0	36.6	37.6	29.2	12.9	
Leq,e	27.2	27.3	25.3	51.3	34.9	35.9	27.5	11.2	
Leq,n									
Receiver R10 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.4 dB(A)	Leq,d 46			

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Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Lr	23.7	21.5	14.0	44.9	29.6	32.0	24.2	10.1	
Leq,d	24.9	22.7	15.2	46.1	30.7	33.2	25.4	11.3	
Leq,e	23.1	20.9	13.4	44.3	29.0	31.4	23.6	9.5	
Leq,n									
Receiver R10 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.8 dB(A)	Leq,d 4	
Lr	22.1	19.9	17.9	45.4	30.1	32.0	24.2	10.1	
Leq,d	23.2	21.1	19.1	46.6	31.3	33.2	25.4	11.3	
Leq,e	21.5	19.3	17.3	44.8	29.6	31.4	23.6	9.5	
Leq,n									
Receiver R10 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.3 dB(A)	Leq,d 4	
Lr	22.1	20.8	19.1	45.9	30.1	32.0	24.2	10.1	
Leq,d	23.2	22.0	20.3	47.1	31.3	33.2	25.3	11.2	
Leq,e	21.5	20.3	18.6	45.3	29.5	31.4	23.6	9.5	
Leq,n									
Receiver R10 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 33.8 dB(A)	Leq,d 35	
Lr	17.0	12.1	7.7	33.0	20.3	23.0	14.8	-6.8	
Leq,d	18.2	13.3	8.9	34.1	21.5	24.2	15.9	-5.6	
Leq,e	16.4	11.6	7.2	32.4	19.8	22.4	14.2	-7.4	
Leq,n									
Receiver R10 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 34.0 dB(A)	Leq,d 3	
Lr	15.7	11.4	9.4	33.3	20.9	23.0	14.8	-6.8	
Leq,d	16.9	12.5	10.6	34.4	22.1	24.2	15.9	-5.6	
Leq,e	15.1	10.8	8.8	32.7	20.3	22.4	14.2	-7.4	
Leq,n									
Receiver R10 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 34.4 dB(A)	Leq,d 3	
Lr	15.4	12.4	10.5	33.7	20.9	23.0	14.7	-6.8	
Leq,d	16.6	13.6	11.7	34.8	22.1	24.2	15.9	-5.6	
Leq,e	14.9	11.8	10.0	33.1	20.3	22.4	14.2	-7.4	
Leq,n									
Receiver R11 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.4 dB(A)	Leq,d 4	
Lr	26.3	23.6	15.5	45.0	26.1	31.8	23.2	6.0	
Leq,d	27.5	24.8	16.6	46.2	27.3	33.0	24.4	7.1	
Leq,e	25.7	23.0	14.9	44.4	25.5	31.2	22.6	5.4	
Leq,n									
Receiver R11 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.5 dB(A)	Leq,d 4	
Lr	24.7	23.1	19.4	46.2	30.5	32.0	23.3	6.0	
Leq,d	25.9	24.3	20.6	47.3	31.6	33.1	24.5	7.2	
Leq,e	24.1	22.5	18.8	45.6	29.9	31.4	22.7	5.4	
Leq,n									
Receiver R11 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 48.1 dB(A)	Leq,d 4	
Lr	23.6	23.0	22.7	47.8	32.2	32.6	23.8	6.3	

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Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,d	24.8	24.1	23.9	49.0	33.3	33.8	25.0	7.4	
Leq,e	23.0	22.4	22.2	47.2	31.6	32.1	23.3	5.7	
Leq,n									
Receiver R11 Residential	Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 48.7 dB(A) Leq,d 4
Lr	23.6	24.2	23.4	48.4	32.7	33.0	24.3	6.7	
Leq,d	24.7	25.4	24.6	49.6	33.9	34.2	25.5	7.8	
Leq,e	23.0	23.6	22.8	47.8	32.1	32.4	23.7	6.1	
Leq,n									
Receiver R11 Residential	Fl F5	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 49.1 dB(A) Leq,d 5
Lr	23.5	24.7	23.5	48.8	32.9	33.6	24.9	7.1	
Leq,d	24.7	25.8	24.7	50.0	34.1	34.7	26.0	8.2	
Leq,e	22.9	24.1	22.9	48.2	32.4	33.0	24.3	6.5	
Leq,n									
Receiver R12 School	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.1 dB(A) Leq,d 46.3 dl
Lr	24.5	23.1	14.4	44.9	25.1	29.7	20.9	0.6	
Leq,d	25.7	24.3	15.6	46.0	26.3	30.9	22.1	1.7	
Leq,e	23.9	22.5	13.8	44.3	24.5	29.1	20.3	0.0	
Leq,n									
Receiver R12 School	Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.0 dB(A) Leq,d 47.1 c
Lr	23.2	22.6	18.5	45.7	29.2	29.9	21.0	0.6	
Leq,d	24.4	23.7	19.7	46.9	30.4	31.1	22.2	1.8	
Leq,e	22.6	22.0	17.9	45.1	28.6	29.4	20.4	0.0	
Leq,n									
Receiver R13 School	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 42.0 dB(A) Leq,d 43.1 dl
Lr	23.3	20.0	13.6	41.7	21.7	26.8	17.2	-3.1	
Leq,d	24.5	21.2	14.7	42.8	22.9	27.9	18.3	-1.9	
Leq,e	22.7	19.4	13.0	41.1	21.2	26.2	16.6	-3.7	
Leq,n									
Receiver R13 School	Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 42.7 dB(A) Leq,d 43.9 c
Lr	22.0	19.7	17.1	42.4	25.7	26.9	17.2	-3.1	
Leq,d	23.2	20.9	18.3	43.6	26.9	28.0	18.4	-1.9	
Leq,e	21.4	19.1	16.5	41.8	25.1	26.3	16.6	-3.7	
Leq,n									
Receiver R14 School Church	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 25.8 dB(A) Leq,c
Lr	8.8	3.0	3.1	25.5	9.9	7.0	-2.3	-23.1	
Leq,d	10.0	4.2	4.3	26.6	11.1	8.2	-1.1	-21.9	
Leq,e	8.2	2.4	2.5	24.9	9.3	6.5	-2.9	-23.6	
Leq,n									
Receiver R14 School Church	Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 25.8 dB(A) Leq,
Lr	8.2	3.5	3.7	25.5	10.0	7.0	-2.3	-23.1	
Leq,d	9.4	4.7	4.8	26.7	11.2	8.2	-1.1	-21.9	

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Building Construction and Paving

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,e	7.6	2.9	3.1	24.9	9.4	6.5	-2.9	-23.6	
Leq,n									
Receiver R14 School Church Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 26.1 dB(A)	Leq,
Lr	8.0	4.6	5.1	25.8	10.0	7.0	-2.3	-23.1	
Leq,d	9.1	5.8	6.3	26.9	11.1	8.2	-1.1	-21.9	
Leq,e	7.4	4.0	4.5	25.2	9.4	6.4	-2.9	-23.7	
Leq,n									
Receiver R14 School Church Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 27.4 dB(A)	Leq,
Lr	9.2	6.8	7.3	27.1	10.5	6.9	-2.6	-23.4	
Leq,d	10.4	7.9	8.5	28.3	11.6	8.1	-1.5	-22.2	
Leq,e	8.6	6.2	6.7	26.5	9.9	6.3	-3.2	-24.0	
Leq,n									
Receiver R15 School Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 26.3 dB(A)	Leq,d 27.5 dl
Lr	11.3	5.9	5.9	26.0	9.0	6.1	-3.9	-25.3	
Leq,d	12.4	7.1	7.1	27.2	10.1	7.3	-2.8	-24.1	
Leq,e	10.7	5.3	5.3	25.4	8.4	5.5	-4.5	-25.9	
Leq,n									
Receiver R15 School Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 28.3 dB(A)	Leq,d 29.4 c
Lr	11.7	7.8	8.2	28.0	10.2	7.5	-3.4	-25.3	
Leq,d	12.8	9.0	9.4	29.1	11.4	8.7	-2.2	-24.1	
Leq,e	11.1	7.2	7.6	27.4	9.6	6.9	-4.0	-25.9	
Leq,n									
Receiver R16 School Church Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 43.5 dB(A)	Leq,c
Lr	24.0	20.5	11.4	43.2	22.6	29.0	19.3	-2.3	
Leq,d	25.2	21.6	12.5	44.4	23.7	30.2	20.4	-1.2	
Leq,e	23.4	19.9	10.8	42.6	22.0	28.4	18.7	-2.9	
Leq,n									
Receiver R16 School Church Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 41.9 dB(A)	Leq,c
Lr	22.4	18.7	10.4	41.5	22.6	29.0	19.4	-1.4	
Leq,d	23.6	19.9	11.6	42.7	23.8	30.1	20.6	-0.2	
Leq,e	21.8	18.1	9.8	40.9	22.0	28.4	18.9	-2.0	
Leq,n									
Receiver R16 School Church Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 42.4 dB(A)	Leq,c
Lr	20.4	18.5	11.0	42.1	21.9	28.5	18.6	-2.8	
Leq,d	21.6	19.7	12.2	43.3	23.1	29.6	19.8	-1.6	
Leq,e	19.8	17.9	10.4	41.6	21.3	27.9	18.1	-3.4	
Leq,n									

515 S Virgil Construction Noise
Contribution level - Virgil Construction - Building Construction

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Receiver R1 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 59.8 dB(A)	Leq,d 61.0 dB(A
Building Construction	Area		47.3	48.5	46.8		0.0	
Building Construction	Area		49.6	50.8	49.0		0.0	
Building Construction	Area		52.3	53.5	51.7		0.0	
Building Construction	Area		52.3	53.5	51.7		0.0	
Building Construction	Area		51.3	52.5	50.7		0.0	
Building Construction	Area		51.3	52.5	50.7		0.0	
Building Construction	Area		48.3	49.5	47.7		0.0	
Building Construction	Area		51.3	52.5	50.7		0.0	
Receiver R1 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 61.3 dB(A)	Leq,d 62.5 dB
Building Construction	Area		49.0	50.2	48.4		0.0	
Building Construction	Area		49.8	50.9	49.2		0.0	
Building Construction	Area		53.9	55.1	53.3		0.0	
Building Construction	Area		53.9	55.1	53.3		0.0	
Building Construction	Area		53.0	54.1	52.4		0.0	
Building Construction	Area		53.0	54.1	52.4		0.0	
Building Construction	Area		50.0	51.1	49.4		0.0	
Building Construction	Area		53.0	54.1	52.4		0.0	
Receiver R1 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 62.2 dB(A)	Leq,d 63.4 dB
Building Construction	Area		49.9	51.1	49.3		0.0	
Building Construction	Area		49.7	50.9	49.2		0.0	
Building Construction	Area		54.9	56.0	54.3		0.0	
Building Construction	Area		54.9	56.0	54.3		0.0	
Building Construction	Area		53.9	55.1	53.3		0.0	
Building Construction	Area		53.9	55.1	53.3		0.0	
Building Construction	Area		50.9	52.0	50.3		0.0	
Building Construction	Area		53.9	55.1	53.3		0.0	
Receiver R1 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 62.6 dB(A)	Leq,d 63.8 dB
Building Construction	Area		50.3	51.5	49.7		0.0	
Building Construction	Area		49.7	50.8	49.1		0.0	
Building Construction	Area		55.3	56.4	54.7		0.0	
Building Construction	Area		55.3	56.4	54.7		0.0	
Building Construction	Area		54.3	55.5	53.7		0.0	
Building Construction	Area		54.3	55.5	53.7		0.0	
Building Construction	Area		51.3	52.5	50.7		0.0	
Building Construction	Area		54.3	55.5	53.7		0.0	
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 56.4 dB(A)	Leq,d 57.6 dB(A
Building Construction	Area		44.0	45.1	43.4		0.0	
Building Construction	Area		45.7	46.9	45.1		0.0	
Building Construction	Area		48.9	50.1	48.3		0.0	
Building Construction	Area		48.9	50.1	48.3		0.0	
Building Construction	Area		47.9	49.1	47.3		0.0	
Building Construction	Area		47.9	49.1	47.3		0.0	
Building Construction	Area		44.9	46.1	44.3		0.0	

515 S Virgil Construction Noise
Contribution level - Virgil Construction - Building Construction

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		47.9	49.1	47.3		0.0	
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 57.1 dB(A)	Leq,d 58.3 dB
Building Construction	Area		44.8	45.9	44.2		0.0	
Building Construction	Area		45.9	47.0	45.3		0.0	
Building Construction	Area		49.7	50.9	49.1		0.0	
Building Construction	Area		49.7	50.9	49.1		0.0	
Building Construction	Area		48.7	49.9	48.1		0.0	
Building Construction	Area		48.7	49.9	48.1		0.0	
Building Construction	Area		45.7	46.9	45.1		0.0	
Building Construction	Area		48.7	49.9	48.1		0.0	
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 58.1 dB(A)	Leq,d 59.3 dB(
Building Construction	Area		45.7	46.9	45.1		0.0	
Building Construction	Area		47.4	48.6	46.8		0.0	
Building Construction	Area		50.7	51.8	50.1		0.0	
Building Construction	Area		50.7	51.8	50.1		0.0	
Building Construction	Area		49.7	50.9	49.1		0.0	
Building Construction	Area		49.7	50.9	49.1		0.0	
Building Construction	Area		46.7	47.8	46.1		0.0	
Building Construction	Area		49.7	50.9	49.1		0.0	
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 59.1 dB(A)	Leq,d 60.3 dB
Building Construction	Area		46.7	47.9	46.1		0.0	
Building Construction	Area		47.6	48.7	47.0		0.0	
Building Construction	Area		51.7	52.9	51.1		0.0	
Building Construction	Area		51.7	52.9	51.1		0.0	
Building Construction	Area		50.7	51.9	50.1		0.0	
Building Construction	Area		50.7	51.9	50.1		0.0	
Building Construction	Area		47.7	48.9	47.1		0.0	
Building Construction	Area		50.7	51.9	50.1		0.0	
Receiver R2 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 59.9 dB(A)	Leq,d 61.1 dB
Building Construction	Area		47.6	48.8	47.1		0.0	
Building Construction	Area		47.6	48.8	47.0		0.0	
Building Construction	Area		52.6	53.8	52.0		0.0	
Building Construction	Area		52.6	53.8	52.0		0.0	
Building Construction	Area		51.6	52.8	51.0		0.0	
Building Construction	Area		51.6	52.8	51.0		0.0	
Building Construction	Area		48.6	49.8	48.0		0.0	
Building Construction	Area		51.6	52.8	51.0		0.0	
Receiver R2 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 60.4 dB(A)	Leq,d 61.5 dB
Building Construction	Area		48.1	49.3	47.5		0.0	
Building Construction	Area		47.6	48.8	47.0		0.0	
Building Construction	Area		53.0	54.2	52.4		0.0	
Building Construction	Area		53.0	54.2	52.4		0.0	
Building Construction	Area		52.1	53.2	51.5		0.0	
Building Construction	Area		52.1	53.2	51.5		0.0	

515 S Virgil Construction Noise
Contribution level - Virgil Construction - Building Construction

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		49.1	50.2	48.5		0.0	
Building Construction	Area		52.1	53.2	51.5		0.0	
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 54.7 dB(A)	Leq,d 55.9 dB(
Building Construction	Area		42.3	43.5	41.7		0.0	
Building Construction	Area		44.1	45.3	43.5		0.0	
Building Construction	Area		47.2	48.4	46.7		0.0	
Building Construction	Area		47.2	48.4	46.7		0.0	
Building Construction	Area		46.3	47.5	45.7		0.0	
Building Construction	Area		46.3	47.5	45.7		0.0	
Building Construction	Area		43.3	44.4	42.7		0.0	
Building Construction	Area		46.3	47.5	45.7		0.0	
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 55.4 dB(A)	Leq,d 56.6 dB
Building Construction	Area		43.0	44.2	42.4		0.0	
Building Construction	Area		44.2	45.4	43.6		0.0	
Building Construction	Area		48.0	49.2	47.4		0.0	
Building Construction	Area		48.0	49.2	47.4		0.0	
Building Construction	Area		47.0	48.2	46.4		0.0	
Building Construction	Area		47.0	48.2	46.4		0.0	
Building Construction	Area		44.0	45.2	43.4		0.0	
Building Construction	Area		47.0	48.2	46.4		0.0	
Receiver R2 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 56.1 dB(A)	Leq,d 57.3 dB
Building Construction	Area		43.8	45.0	43.2		0.0	
Building Construction	Area		44.3	45.4	43.7		0.0	
Building Construction	Area		48.7	49.9	48.2		0.0	
Building Construction	Area		48.7	49.9	48.2		0.0	
Building Construction	Area		47.8	48.9	47.2		0.0	
Building Construction	Area		47.8	48.9	47.2		0.0	
Building Construction	Area		44.8	45.9	44.2		0.0	
Building Construction	Area		47.8	48.9	47.2		0.0	
Receiver R2 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 56.8 dB(A)	Leq,d 57.9 dB
Building Construction	Area		44.5	45.7	43.9		0.0	
Building Construction	Area		44.3	45.5	43.7		0.0	
Building Construction	Area		49.4	50.6	48.8		0.0	
Building Construction	Area		49.4	50.6	48.8		0.0	
Building Construction	Area		48.5	49.6	47.9		0.0	
Building Construction	Area		48.5	49.6	47.9		0.0	
Building Construction	Area		45.5	46.6	44.9		0.0	
Building Construction	Area		48.5	49.6	47.9		0.0	
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 58.1 dB(A)	Leq,d 59.3 dB(
Building Construction	Area		45.7	46.9	45.1		0.0	
Building Construction	Area		47.4	48.6	46.8		0.0	
Building Construction	Area		50.6	51.8	50.1		0.0	
Building Construction	Area		50.6	51.8	50.1		0.0	
Building Construction	Area		49.7	50.8	49.1		0.0	

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Contribution level - Virgil Construction - Building Construction

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		49.7	50.8	49.1		0.0	
Building Construction	Area		46.7	47.8	46.1		0.0	
Building Construction	Area		49.7	50.8	49.1		0.0	
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 59.1 dB(A)	Leq,d 60.3 dB
Building Construction	Area		46.8	47.9	46.2		0.0	
Building Construction	Area		47.6	48.7	47.0		0.0	
Building Construction	Area		51.7	52.9	51.1		0.0	
Building Construction	Area		51.7	52.9	51.1		0.0	
Building Construction	Area		50.7	51.9	50.2		0.0	
Building Construction	Area		50.7	51.9	50.2		0.0	
Building Construction	Area		47.7	48.9	47.1		0.0	
Building Construction	Area		50.7	51.9	50.2		0.0	
Receiver R3 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 43.6 dB(A)	Leq,d 44.8 dB(
Building Construction	Area		31.2	32.4	30.7		0.0	
Building Construction	Area		32.3	33.5	31.7		0.0	
Building Construction	Area		36.2	37.4	35.6		0.0	
Building Construction	Area		36.2	37.4	35.6		0.0	
Building Construction	Area		35.2	36.4	34.6		0.0	
Building Construction	Area		35.2	36.4	34.6		0.0	
Building Construction	Area		32.2	33.4	31.6		0.0	
Building Construction	Area		35.2	36.4	34.6		0.0	
Receiver R3 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 44.1 dB(A)	Leq,d 45.3 dE
Building Construction	Area		31.7	32.9	31.1		0.0	
Building Construction	Area		32.5	33.7	31.9		0.0	
Building Construction	Area		36.7	37.9	36.1		0.0	
Building Construction	Area		36.7	37.9	36.1		0.0	
Building Construction	Area		35.7	36.9	35.1		0.0	
Building Construction	Area		35.7	36.9	35.1		0.0	
Building Construction	Area		32.7	33.9	32.1		0.0	
Building Construction	Area		35.7	36.9	35.1		0.0	
Receiver R3 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 44.6 dB(A)	Leq,d 45.8 dE
Building Construction	Area		32.3	33.4	31.7		0.0	
Building Construction	Area		32.6	33.8	32.0		0.0	
Building Construction	Area		37.2	38.4	36.6		0.0	
Building Construction	Area		37.2	38.4	36.6		0.0	
Building Construction	Area		36.2	37.4	35.7		0.0	
Building Construction	Area		36.2	37.4	35.7		0.0	
Building Construction	Area		33.2	34.4	32.6		0.0	
Building Construction	Area		36.2	37.4	35.7		0.0	
Receiver R3 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.1 dB(A)	Leq,d 46.3 dE
Building Construction	Area		32.8	34.0	32.3		0.0	
Building Construction	Area		32.8	33.9	32.2		0.0	
Building Construction	Area		37.8	39.0	37.2		0.0	
Building Construction	Area		37.8	39.0	37.2		0.0	

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Contribution level - Virgil Construction - Building Construction

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		36.8	38.0	36.2		0.0	
Building Construction	Area		36.8	38.0	36.2		0.0	
Building Construction	Area		33.8	35.0	33.2		0.0	
Building Construction	Area		36.8	38.0	36.2		0.0	
Receiver R3 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.5 dB(A)	Leq,d 43.7 dB(
Building Construction	Area		30.2	31.4	29.6		0.0	
Building Construction	Area		30.8	32.0	30.2		0.0	
Building Construction	Area		35.2	36.3	34.6		0.0	
Building Construction	Area		35.2	36.3	34.6		0.0	
Building Construction	Area		34.2	35.4	33.6		0.0	
Building Construction	Area		34.2	35.4	33.6		0.0	
Building Construction	Area		31.2	32.3	30.6		0.0	
Building Construction	Area		34.2	35.4	33.6		0.0	
Receiver R3 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.8 dB(A)	Leq,d 44.0 dB
Building Construction	Area		30.5	31.7	29.9		0.0	
Building Construction	Area		31.0	32.2	30.4		0.0	
Building Construction	Area		35.4	36.6	34.8		0.0	
Building Construction	Area		35.4	36.6	34.8		0.0	
Building Construction	Area		34.5	35.6	33.9		0.0	
Building Construction	Area		34.5	35.6	33.9		0.0	
Building Construction	Area		31.5	32.6	30.9		0.0	
Building Construction	Area		34.5	35.6	33.9		0.0	
Receiver R4 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.6 dB(A)	Leq,d 48.8 dB(A)
Building Construction	Area		35.2	36.4	34.7		0.0	
Building Construction	Area		36.5	37.6	35.9		0.0	
Building Construction	Area		40.2	41.4	39.6		0.0	
Building Construction	Area		40.2	41.4	39.6		0.0	
Building Construction	Area		39.2	40.4	38.6		0.0	
Building Construction	Area		39.2	40.4	38.6		0.0	
Building Construction	Area		36.2	37.4	35.6		0.0	
Building Construction	Area		39.2	40.4	38.6		0.0	
Receiver R4 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 49.1 dB(A)	Leq,d 50.2 dB(A)
Building Construction	Area		36.7	37.9	36.1		0.0	
Building Construction	Area		37.7	38.9	37.1		0.0	
Building Construction	Area		41.6	42.8	41.1		0.0	
Building Construction	Area		41.6	42.8	41.1		0.0	
Building Construction	Area		40.7	41.8	40.1		0.0	
Building Construction	Area		40.7	41.8	40.1		0.0	
Building Construction	Area		37.7	38.8	37.1		0.0	
Building Construction	Area		40.7	41.8	40.1		0.0	
Receiver R4 School	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.7 dB(A)	Leq,d 52.9 dB(A)
Building Construction	Area		39.4	40.6	38.8		0.0	
Building Construction	Area		39.6	40.8	39.0		0.0	
Building Construction	Area		44.4	45.5	43.8		0.0	

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		44.4	45.5	43.8		0.0	
Building Construction	Area		43.4	44.6	42.8		0.0	
Building Construction	Area		43.4	44.6	42.8		0.0	
Building Construction	Area		40.4	41.6	39.8		0.0	
Building Construction	Area		43.4	44.6	42.8		0.0	
Receiver R5 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 30.9 dB(A)	Leq,d 32.1 dB(
Building Construction	Area		18.2	19.4	17.6		0.0	
Building Construction	Area		22.4	23.6	21.9		0.0	
Building Construction	Area		23.1	24.3	22.5		0.0	
Building Construction	Area		23.1	24.3	22.5		0.0	
Building Construction	Area		22.2	23.3	21.6		0.0	
Building Construction	Area		22.2	23.3	21.6		0.0	
Building Construction	Area		19.2	20.3	18.6		0.0	
Building Construction	Area		22.2	23.3	21.6		0.0	
Receiver R5 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 31.0 dB(A)	Leq,d 32.2 dB
Building Construction	Area		18.4	19.5	17.8		0.0	
Building Construction	Area		22.4	23.5	21.8		0.0	
Building Construction	Area		23.3	24.5	22.7		0.0	
Building Construction	Area		23.3	24.5	22.7		0.0	
Building Construction	Area		22.3	23.5	21.7		0.0	
Building Construction	Area		22.3	23.5	21.7		0.0	
Building Construction	Area		19.3	20.5	18.7		0.0	
Building Construction	Area		22.3	23.5	21.7		0.0	
Receiver R5 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 31.3 dB(A)	Leq,d 32.5 dB
Building Construction	Area		18.7	19.8	18.1		0.0	
Building Construction	Area		22.5	23.7	21.9		0.0	
Building Construction	Area		23.6	24.8	23.0		0.0	
Building Construction	Area		23.6	24.8	23.0		0.0	
Building Construction	Area		22.6	23.8	22.0		0.0	
Building Construction	Area		22.6	23.8	22.0		0.0	
Building Construction	Area		19.6	20.8	19.0		0.0	
Building Construction	Area		22.6	23.8	22.0		0.0	
Receiver R5 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 31.8 dB(A)	Leq,d 32.9 dB
Building Construction	Area		19.3	20.4	18.7		0.0	
Building Construction	Area		21.9	23.1	21.3		0.0	
Building Construction	Area		24.2	25.4	23.6		0.0	
Building Construction	Area		24.2	25.4	23.6		0.0	
Building Construction	Area		23.2	24.4	22.7		0.0	
Building Construction	Area		23.2	24.4	22.7		0.0	
Building Construction	Area		20.2	21.4	19.6		0.0	
Building Construction	Area		23.2	24.4	22.7		0.0	
Receiver R5 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.1 dB(A)	Leq,d 48.3 dB(
Building Construction	Area		34.6	35.8	34.0		0.0	
Building Construction	Area		37.1	38.3	36.5		0.0	

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		39.6	40.8	39.0		0.0	
Building Construction	Area		39.6	40.8	39.0		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Building Construction	Area		35.6	36.8	35.0		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Receiver R5 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.6 dB(A)	Leq,d 48.8 dB
Building Construction	Area		35.2	36.4	34.6		0.0	
Building Construction	Area		37.1	38.3	36.6		0.0	
Building Construction	Area		40.1	41.3	39.6		0.0	
Building Construction	Area		40.1	41.3	39.6		0.0	
Building Construction	Area		39.2	40.3	38.6		0.0	
Building Construction	Area		39.2	40.3	38.6		0.0	
Building Construction	Area		36.2	37.3	35.6		0.0	
Building Construction	Area		39.2	40.3	38.6		0.0	
Receiver R5 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.9 dB(A)	Leq,d 47.1 dB
Building Construction	Area		33.5	34.7	32.9		0.0	
Building Construction	Area		35.0	36.2	34.4		0.0	
Building Construction	Area		38.5	39.6	37.9		0.0	
Building Construction	Area		38.5	39.6	37.9		0.0	
Building Construction	Area		37.5	38.7	36.9		0.0	
Building Construction	Area		37.5	38.7	36.9		0.0	
Building Construction	Area		34.5	35.7	33.9		0.0	
Building Construction	Area		37.5	38.7	36.9		0.0	
Receiver R5 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.5 dB(A)	Leq,d 47.6 dB
Building Construction	Area		34.1	35.3	33.5		0.0	
Building Construction	Area		35.1	36.2	34.5		0.0	
Building Construction	Area		39.0	40.2	38.5		0.0	
Building Construction	Area		39.0	40.2	38.5		0.0	
Building Construction	Area		38.1	39.2	37.5		0.0	
Building Construction	Area		38.1	39.2	37.5		0.0	
Building Construction	Area		35.1	36.2	34.5		0.0	
Building Construction	Area		38.1	39.2	37.5		0.0	
Receiver R5 Residential	Fl F5	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.0 dB(A)	Leq,d 48.2 dB
Building Construction	Area		34.7	35.8	34.1		0.0	
Building Construction	Area		35.1	36.2	34.5		0.0	
Building Construction	Area		39.6	40.8	39.0		0.0	
Building Construction	Area		39.6	40.8	39.0		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Building Construction	Area		35.6	36.8	35.0		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Receiver R5 Residential	Fl F6	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.8 dB(A)	Leq,d 49.0 dB
Building Construction	Area		35.5	36.7	34.9		0.0	

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Contribution level - Virgil Construction - Building Construction

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		35.3	36.5	34.7		0.0	
Building Construction	Area		40.5	41.6	39.9		0.0	
Building Construction	Area		40.5	41.6	39.9		0.0	
Building Construction	Area		39.5	40.7	38.9		0.0	
Building Construction	Area		39.5	40.7	38.9		0.0	
Building Construction	Area		36.5	37.7	35.9		0.0	
Building Construction	Area		39.5	40.7	38.9		0.0	
Receiver R6 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.2 dB(A)	Leq,d 52.4 dB(
Building Construction	Area		38.8	40.0	38.2		0.0	
Building Construction	Area		39.9	41.0	39.3		0.0	
Building Construction	Area		43.8	45.0	43.2		0.0	
Building Construction	Area		43.8	45.0	43.2		0.0	
Building Construction	Area		42.8	44.0	42.2		0.0	
Building Construction	Area		42.8	44.0	42.2		0.0	
Building Construction	Area		39.8	41.0	39.2		0.0	
Building Construction	Area		42.8	44.0	42.2		0.0	
Receiver R6 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.7 dB(A)	Leq,d 52.9 dB
Building Construction	Area		39.3	40.5	38.7		0.0	
Building Construction	Area		40.6	41.8	40.0		0.0	
Building Construction	Area		44.2	45.4	43.6		0.0	
Building Construction	Area		44.2	45.4	43.6		0.0	
Building Construction	Area		43.3	44.4	42.7		0.0	
Building Construction	Area		43.3	44.4	42.7		0.0	
Building Construction	Area		40.3	41.4	39.7		0.0	
Building Construction	Area		43.3	44.4	42.7		0.0	
Receiver R7 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.4 dB(A)	Leq,d 43.6 dB(A)
Building Construction	Area		30.0	31.2	29.4		0.0	
Building Construction	Area		31.9	33.1	31.3		0.0	
Building Construction	Area		34.9	36.1	34.4		0.0	
Building Construction	Area		34.9	36.1	34.4		0.0	
Building Construction	Area		34.0	35.1	33.4		0.0	
Building Construction	Area		34.0	35.1	33.4		0.0	
Building Construction	Area		31.0	32.1	30.4		0.0	
Building Construction	Area		34.0	35.1	33.4		0.0	
Receiver R8 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.5 dB(A)	Leq,d 51.6 dB(
Building Construction	Area		38.1	39.2	37.5		0.0	
Building Construction	Area		39.4	40.5	38.8		0.0	
Building Construction	Area		43.0	44.2	42.4		0.0	
Building Construction	Area		43.0	44.2	42.4		0.0	
Building Construction	Area		42.0	43.2	41.5		0.0	
Building Construction	Area		42.0	43.2	41.5		0.0	
Building Construction	Area		39.0	40.2	38.4		0.0	
Building Construction	Area		42.0	43.2	41.5		0.0	
Receiver R8 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.0 dB(A)	Leq,d 52.2 dB

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Contribution level - Virgil Construction - Building Construction

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		38.7	39.8	38.1		0.0	
Building Construction	Area		39.5	40.7	39.0		0.0	
Building Construction	Area		43.6	44.8	43.0		0.0	
Building Construction	Area		43.6	44.8	43.0		0.0	
Building Construction	Area		42.7	43.8	42.1		0.0	
Building Construction	Area		42.7	43.8	42.1		0.0	
Building Construction	Area		39.6	40.8	39.1		0.0	
Building Construction	Area		42.7	43.8	42.1		0.0	
Receiver R8 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.7 dB(A)	Leq,d 52.8 dB
Building Construction	Area		39.3	40.5	38.7		0.0	
Building Construction	Area		39.8	41.0	39.2		0.0	
Building Construction	Area		44.3	45.5	43.7		0.0	
Building Construction	Area		44.3	45.5	43.7		0.0	
Building Construction	Area		43.3	44.5	42.7		0.0	
Building Construction	Area		43.3	44.5	42.7		0.0	
Building Construction	Area		40.3	41.5	39.7		0.0	
Building Construction	Area		43.3	44.5	42.7		0.0	
Receiver R8 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.1 dB(A)	Leq,d 53.3 dB
Building Construction	Area		39.8	41.0	39.2		0.0	
Building Construction	Area		39.9	41.1	39.4		0.0	
Building Construction	Area		44.7	45.9	44.1		0.0	
Building Construction	Area		44.7	45.9	44.1		0.0	
Building Construction	Area		43.8	44.9	43.2		0.0	
Building Construction	Area		43.8	44.9	43.2		0.0	
Building Construction	Area		40.8	41.9	40.2		0.0	
Building Construction	Area		43.8	44.9	43.2		0.0	
Receiver R8 Residential	Fl F5	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.6 dB(A)	Leq,d 53.8 dB
Building Construction	Area		40.3	41.5	39.7		0.0	
Building Construction	Area		40.1	41.3	39.5		0.0	
Building Construction	Area		45.2	46.4	44.6		0.0	
Building Construction	Area		45.2	46.4	44.6		0.0	
Building Construction	Area		44.3	45.4	43.7		0.0	
Building Construction	Area		44.3	45.4	43.7		0.0	
Building Construction	Area		41.3	42.4	40.7		0.0	
Building Construction	Area		44.3	45.4	43.7		0.0	
Receiver R8 Residential	Fl F6	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 53.0 dB(A)	Leq,d 54.2 dB
Building Construction	Area		40.8	41.9	40.2		0.0	
Building Construction	Area		40.2	41.3	39.6		0.0	
Building Construction	Area		45.7	46.9	45.1		0.0	
Building Construction	Area		45.7	46.9	45.1		0.0	
Building Construction	Area		44.8	45.9	44.2		0.0	
Building Construction	Area		44.8	45.9	44.2		0.0	
Building Construction	Area		41.7	42.9	41.2		0.0	
Building Construction	Area		44.8	45.9	44.2		0.0	

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Receiver R8 Residential	Fl F7	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 53.6 dB(A)	Leq,d 54.7 dB
Building Construction	Area		41.3	42.5	40.7		0.0	
Building Construction	Area		40.2	41.4	39.6		0.0	
Building Construction	Area		46.3	47.4	45.7		0.0	
Building Construction	Area		46.3	47.4	45.7		0.0	
Building Construction	Area		45.3	46.5	44.7		0.0	
Building Construction	Area		45.3	46.5	44.7		0.0	
Building Construction	Area		42.3	43.5	41.7		0.0	
Building Construction	Area		45.3	46.5	44.7		0.0	
Receiver R9 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.4 dB(A)	Leq,d 51.6 dB(A)
Building Construction	Area		38.1	39.2	37.5		0.0	
Building Construction	Area		38.9	40.1	38.4		0.0	
Building Construction	Area		43.0	44.2	42.4		0.0	
Building Construction	Area		43.0	44.2	42.4		0.0	
Building Construction	Area		42.0	43.2	41.4		0.0	
Building Construction	Area		42.0	43.2	41.5		0.0	
Building Construction	Area		39.0	40.2	38.4		0.0	
Building Construction	Area		42.0	43.2	41.4		0.0	
Receiver R9 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.9 dB(A)	Leq,d 52.1 dB(A)
Building Construction	Area		38.5	39.7	37.9		0.0	
Building Construction	Area		39.8	41.0	39.2		0.0	
Building Construction	Area		43.5	44.6	42.9		0.0	
Building Construction	Area		43.5	44.6	42.9		0.0	
Building Construction	Area		42.5	43.7	41.9		0.0	
Building Construction	Area		42.5	43.7	41.9		0.0	
Building Construction	Area		39.5	40.7	38.9		0.0	
Building Construction	Area		42.5	43.7	41.9		0.0	
Receiver R9 School	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.5 dB(A)	Leq,d 52.6 dB(A)
Building Construction	Area		39.1	40.3	38.5		0.0	
Building Construction	Area		39.9	41.1	39.3		0.0	
Building Construction	Area		44.0	45.2	43.5		0.0	
Building Construction	Area		44.0	45.2	43.5		0.0	
Building Construction	Area		43.1	44.3	42.5		0.0	
Building Construction	Area		43.1	44.3	42.5		0.0	
Building Construction	Area		40.1	41.2	39.5		0.0	
Building Construction	Area		43.1	44.3	42.5		0.0	
Receiver R9 School	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.1 dB(A)	Leq,d 53.3 dB(A)
Building Construction	Area		39.8	41.0	39.2		0.0	
Building Construction	Area		40.2	41.4	39.6		0.0	
Building Construction	Area		44.7	45.9	44.1		0.0	
Building Construction	Area		44.7	45.9	44.1		0.0	
Building Construction	Area		43.8	44.9	43.2		0.0	
Building Construction	Area		43.8	44.9	43.2		0.0	
Building Construction	Area		40.8	41.9	40.2		0.0	

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		43.8	44.9	43.2		0.0	
Receiver R10 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.4 dB(A)	Leq,d 46.5 dB
Building Construction	Area		32.9	34.1	32.3		0.0	
Building Construction	Area		35.0	36.2	34.5		0.0	
Building Construction	Area		37.8	39.0	37.3		0.0	
Building Construction	Area		37.8	39.0	37.3		0.0	
Building Construction	Area		36.9	38.0	36.3		0.0	
Building Construction	Area		36.9	38.0	36.3		0.0	
Building Construction	Area		33.9	35.0	33.3		0.0	
Building Construction	Area		36.9	38.0	36.3		0.0	
Receiver R10 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.8 dB(A)	Leq,d 47.0 dI
Building Construction	Area		33.4	34.5	32.8		0.0	
Building Construction	Area		35.2	36.3	34.6		0.0	
Building Construction	Area		38.3	39.5	37.7		0.0	
Building Construction	Area		38.3	39.5	37.7		0.0	
Building Construction	Area		37.3	38.5	36.7		0.0	
Building Construction	Area		37.3	38.5	36.7		0.0	
Building Construction	Area		34.3	35.5	33.7		0.0	
Building Construction	Area		37.3	38.5	36.7		0.0	
Receiver R10 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.3 dB(A)	Leq,d 47.4 dI
Building Construction	Area		33.9	35.0	33.3		0.0	
Building Construction	Area		35.2	36.4	34.6		0.0	
Building Construction	Area		38.8	40.0	38.2		0.0	
Building Construction	Area		38.8	40.0	38.2		0.0	
Building Construction	Area		37.8	39.0	37.2		0.0	
Building Construction	Area		37.8	39.0	37.2		0.0	
Building Construction	Area		34.8	36.0	34.2		0.0	
Building Construction	Area		37.8	39.0	37.2		0.0	
Receiver R10 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 33.8 dB(A)	Leq,d 35.0 dB
Building Construction	Area		20.9	22.1	20.3		0.0	
Building Construction	Area		26.2	27.4	25.6		0.0	
Building Construction	Area		25.9	27.0	25.3		0.0	
Building Construction	Area		25.9	27.0	25.3		0.0	
Building Construction	Area		24.9	26.1	24.3		0.0	
Building Construction	Area		24.9	26.1	24.3		0.0	
Building Construction	Area		21.9	23.1	21.3		0.0	
Building Construction	Area		24.9	26.1	24.3		0.0	
Receiver R10 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 34.0 dB(A)	Leq,d 35.2 dI
Building Construction	Area		21.2	22.4	20.6		0.0	
Building Construction	Area		26.3	27.4	25.7		0.0	
Building Construction	Area		26.2	27.3	25.6		0.0	
Building Construction	Area		26.2	27.3	25.6		0.0	
Building Construction	Area		25.2	26.4	24.6		0.0	
Building Construction	Area		25.2	26.4	24.6		0.0	

Source group	Source ty	Tr. lane	Lr	Leq,d	Leq,e	Leq,n	A	
			dB(A)	dB(A)	dB(A)	dB(A)	dB	
Building Construction	Area		22.2	23.4	21.6		0.0	
Building Construction	Area		25.2	26.4	24.6		0.0	
Receiver R10 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 34.4 dB(A)	Leq,d 35.6 dI
Building Construction	Area		21.6	22.8	21.0		0.0	
Building Construction	Area		26.3	27.5	25.7		0.0	
Building Construction	Area		26.6	27.7	26.0		0.0	
Building Construction	Area		26.6	27.7	26.0		0.0	
Building Construction	Area		25.6	26.8	25.0		0.0	
Building Construction	Area		25.6	26.8	25.0		0.0	
Building Construction	Area		22.6	23.8	22.0		0.0	
Building Construction	Area		25.6	26.8	25.0		0.0	
Receiver R11 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.4 dB(A)	Leq,d 46.6 dI
Building Construction	Area		33.0	34.2	32.4		0.0	
Building Construction	Area		34.5	35.7	33.9		0.0	
Building Construction	Area		37.9	39.1	37.4		0.0	
Building Construction	Area		37.9	39.1	37.4		0.0	
Building Construction	Area		37.0	38.1	36.4		0.0	
Building Construction	Area		37.0	38.1	36.4		0.0	
Building Construction	Area		34.0	35.1	33.4		0.0	
Building Construction	Area		37.0	38.1	36.4		0.0	
Receiver R11 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.5 dB(A)	Leq,d 47.7 d
Building Construction	Area		34.1	35.3	33.5		0.0	
Building Construction	Area		35.6	36.8	35.0		0.0	
Building Construction	Area		39.0	40.2	38.5		0.0	
Building Construction	Area		39.0	40.2	38.5		0.0	
Building Construction	Area		38.1	39.3	37.5		0.0	
Building Construction	Area		38.1	39.3	37.5		0.0	
Building Construction	Area		35.1	36.2	34.5		0.0	
Building Construction	Area		38.1	39.3	37.5		0.0	
Receiver R11 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 48.1 dB(A)	Leq,d 49.3 d
Building Construction	Area		35.7	36.9	35.1		0.0	
Building Construction	Area		36.5	37.7	35.9		0.0	
Building Construction	Area		40.7	41.9	40.1		0.0	
Building Construction	Area		40.7	41.9	40.1		0.0	
Building Construction	Area		39.7	40.9	39.1		0.0	
Building Construction	Area		39.7	40.9	39.1		0.0	
Building Construction	Area		36.7	37.9	36.1		0.0	
Building Construction	Area		39.7	40.9	39.1		0.0	
Receiver R11 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 48.7 dB(A)	Leq,d 49.9 d
Building Construction	Area		36.4	37.5	35.8		0.0	
Building Construction	Area		37.0	38.2	36.4		0.0	
Building Construction	Area		41.3	42.5	40.7		0.0	
Building Construction	Area		41.3	42.5	40.7		0.0	
Building Construction	Area		40.3	41.5	39.7		0.0	

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		40.3	41.5	39.7		0.0	
Building Construction	Area		37.3	38.5	36.7		0.0	
Building Construction	Area		40.3	41.5	39.7		0.0	
Receiver R11 Residential	Fl F5	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 49.1 dB(A)	Leq,d 50.3 d
Building Construction	Area		36.8	38.0	36.2		0.0	
Building Construction	Area		37.4	38.5	36.8		0.0	
Building Construction	Area		41.7	42.9	41.1		0.0	
Building Construction	Area		41.7	42.9	41.1		0.0	
Building Construction	Area		40.8	41.9	40.2		0.0	
Building Construction	Area		40.8	41.9	40.2		0.0	
Building Construction	Area		37.8	38.9	37.2		0.0	
Building Construction	Area		40.8	41.9	40.2		0.0	
Receiver R12 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 45.1 dB(A)	Leq,d 46.3 dB(A)	
Building Construction	Area		32.8	34.0	32.2		0.0	
Building Construction	Area		32.8	34.0	32.2		0.0	
Building Construction	Area		37.8	38.9	37.2		0.0	
Building Construction	Area		37.8	38.9	37.2		0.0	
Building Construction	Area		36.8	38.0	36.2		0.0	
Building Construction	Area		36.8	38.0	36.2		0.0	
Building Construction	Area		33.8	34.9	33.2		0.0	
Building Construction	Area		36.8	38.0	36.2		0.0	
Receiver R12 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.0 dB(A)	Leq,d 47.1 dB(A)	
Building Construction	Area		33.6	34.8	33.1		0.0	
Building Construction	Area		34.0	35.2	33.4		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Building Construction	Area		38.6	39.8	38.0		0.0	
Building Construction	Area		37.6	38.8	37.0		0.0	
Building Construction	Area		37.6	38.8	37.0		0.0	
Building Construction	Area		34.6	35.8	34.0		0.0	
Building Construction	Area		37.6	38.8	37.0		0.0	
Receiver R13 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.0 dB(A)	Leq,d 43.1 dB(A)	
Building Construction	Area		29.6	30.8	29.0		0.0	
Building Construction	Area		30.1	31.2	29.5		0.0	
Building Construction	Area		34.6	35.8	34.0		0.0	
Building Construction	Area		34.6	35.8	34.0		0.0	
Building Construction	Area		33.6	34.8	33.0		0.0	
Building Construction	Area		33.6	34.8	33.0		0.0	
Building Construction	Area		30.6	31.8	30.0		0.0	
Building Construction	Area		33.6	34.8	33.0		0.0	
Receiver R13 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.7 dB(A)	Leq,d 43.9 dB(A)	
Building Construction	Area		30.4	31.5	29.8		0.0	
Building Construction	Area		31.1	32.3	30.5		0.0	
Building Construction	Area		35.3	36.5	34.7		0.0	
Building Construction	Area		35.3	36.5	34.7		0.0	

515 S Virgil Construction Noise
Contribution level - Virgil Construction - Building Construction

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		34.4	35.5	33.8		0.0	
Building Construction	Area		34.4	35.5	33.8		0.0	
Building Construction	Area		31.3	32.5	30.8		0.0	
Building Construction	Area		34.4	35.5	33.8		0.0	
Receiver R14 School Church Fl G		Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 25.8 dB(A)	Leq,d 27.(
Building Construction	Area		13.4	14.6	12.8		0.0	
Building Construction	Area		14.7	15.9	14.1		0.0	
Building Construction	Area		18.3	19.5	17.7		0.0	
Building Construction	Area		18.3	19.5	17.7		0.0	
Building Construction	Area		17.4	18.5	16.8		0.0	
Building Construction	Area		17.4	18.5	16.8		0.0	
Building Construction	Area		14.4	15.5	13.8		0.0	
Building Construction	Area		17.4	18.5	16.8		0.0	
Receiver R14 School Church Fl F2		Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 25.8 dB(A)	Leq,d 27.
Building Construction	Area		13.4	14.6	12.8		0.0	
Building Construction	Area		15.0	16.1	14.4		0.0	
Building Construction	Area		18.4	19.5	17.8		0.0	
Building Construction	Area		18.4	19.5	17.8		0.0	
Building Construction	Area		17.4	18.6	16.8		0.0	
Building Construction	Area		17.4	18.6	16.8		0.0	
Building Construction	Area		14.4	15.5	13.8		0.0	
Building Construction	Area		17.4	18.6	16.8		0.0	
Receiver R14 School Church Fl F3		Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 26.1 dB(A)	Leq,d 27.
Building Construction	Area		13.7	14.8	13.1		0.0	
Building Construction	Area		15.2	16.3	14.6		0.0	
Building Construction	Area		18.6	19.8	18.0		0.0	
Building Construction	Area		18.6	19.8	18.0		0.0	
Building Construction	Area		17.7	18.8	17.1		0.0	
Building Construction	Area		17.7	18.8	17.1		0.0	
Building Construction	Area		14.6	15.8	14.1		0.0	
Building Construction	Area		17.7	18.8	17.1		0.0	
Receiver R14 School Church Fl F4		Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 27.4 dB(A)	Leq,d 28.
Building Construction	Area		15.0	16.2	14.4		0.0	
Building Construction	Area		16.2	17.4	15.6		0.0	
Building Construction	Area		20.0	21.1	19.4		0.0	
Building Construction	Area		20.0	21.1	19.4		0.0	
Building Construction	Area		19.0	20.2	18.4		0.0	
Building Construction	Area		19.0	20.2	18.4		0.0	
Building Construction	Area		16.0	17.2	15.4		0.0	
Building Construction	Area		19.0	20.2	18.4		0.0	
Receiver R15 School Fl G		Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr,lim dB(A)	Lr 26.3 dB(A)	Leq,d 27.5 dB(A)
Building Construction	Area		13.9	15.1	13.3		0.0	
Building Construction	Area		15.5	16.7	14.9		0.0	
Building Construction	Area		18.9	20.1	18.3		0.0	

515 S Virgil Construction Noise
Contribution level - Virgil Construction - Building Construction

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	Leq,n dB(A)	A dB	
Building Construction	Area		18.9	20.1	18.3		0.0	
Building Construction	Area		17.9	19.1	17.3		0.0	
Building Construction	Area		17.9	19.1	17.3		0.0	
Building Construction	Area		14.9	16.1	14.3		0.0	
Building Construction	Area		17.9	19.1	17.3		0.0	
Receiver R15 School Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 28.3 dB(A) Leq,d 29.4 dB(A)								
Building Construction	Area		15.9	17.1	15.3		0.0	
Building Construction	Area		17.2	18.3	16.6		0.0	
Building Construction	Area		20.8	22.0	20.2		0.0	
Building Construction	Area		20.8	22.0	20.2		0.0	
Building Construction	Area		19.9	21.0	19.3		0.0	
Building Construction	Area		19.9	21.0	19.3		0.0	
Building Construction	Area		16.8	18.0	16.3		0.0	
Building Construction	Area		19.9	21.0	19.3		0.0	
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 43.5 dB(A) Leq,d 44.7								
Building Construction	Area		31.2	32.4	30.6		0.0	
Building Construction	Area		31.6	32.8	31.0		0.0	
Building Construction	Area		36.1	37.3	35.6		0.0	
Building Construction	Area		36.1	37.3	35.6		0.0	
Building Construction	Area		35.2	36.3	34.6		0.0	
Building Construction	Area		35.2	36.3	34.6		0.0	
Building Construction	Area		32.2	33.3	31.6		0.0	
Building Construction	Area		35.2	36.3	34.6		0.0	
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 41.9 dB(A) Leq,d 43.1								
Building Construction	Area		29.5	30.6	28.9		0.0	
Building Construction	Area		31.2	32.4	30.6		0.0	
Building Construction	Area		34.4	35.6	33.8		0.0	
Building Construction	Area		34.4	35.6	33.8		0.0	
Building Construction	Area		33.5	34.6	32.9		0.0	
Building Construction	Area		33.5	34.6	32.9		0.0	
Building Construction	Area		30.4	31.6	29.9		0.0	
Building Construction	Area		33.5	34.6	32.9		0.0	
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.4 dB(A) Leq,d 43.6								
Building Construction	Area		30.1	31.3	29.5		0.0	
Building Construction	Area		30.5	31.7	29.9		0.0	
Building Construction	Area		35.0	36.2	34.5		0.0	
Building Construction	Area		35.0	36.2	34.5		0.0	
Building Construction	Area		34.1	35.3	33.5		0.0	
Building Construction	Area		34.1	35.3	33.5		0.0	
Building Construction	Area		31.1	32.2	30.5		0.0	
Building Construction	Area		34.1	35.3	33.5		0.0	

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 59.8 dB(A) Leq,d 61.0 dB(A) Leq,e 59.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-6.3	1.2	51.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-4.0	0.0	52.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-5.7	0.0	50.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-6.3	1.2	51.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-4.0	0.0	52.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-5.7	0.0	50.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-10.3	1.2	47.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-8.0	0.0	48.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-9.7	0.0	46.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	45.80	-44.2	-2.3	-1.7	-0.5		0.0	3.4	54.7	0.0	-6.3	1.2	49.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	45.80	-44.2	-2.3	-1.7	-0.5		0.0	3.4	54.7	0.0	-4.0	0.0	50.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	45.80	-44.2	-2.3	-1.7	-0.5		0.0	3.4	54.7	0.0	-5.7	0.0	49.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	45.80	-44.2	-2.3	-1.7	-0.5		0.0	3.4	54.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-6.3	1.2	51.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-4.0	0.0	52.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-5.7	0.0	50.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-9.3	1.2	48.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-7.0	0.0	49.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-8.8	0.0	47.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-5.4	1.2	52.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-3.0	0.0	53.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-4.8	0.0	51.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-5.4	1.2	52.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-3.0	0.0	53.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-4.8	0.0	51.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 61.3 dB(A) Leq,d 62.5 dB(A) Leq,e 60.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-6.3	1.2	53.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-4.0	0.0	54.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-5.7	0.0	52.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-6.3	1.2	53.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-4.0	0.0	54.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-5.7	0.0	52.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-10.3	1.2	49.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-8.0	0.0	50.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-9.7	0.0	48.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	46.08	-44.3	-2.1	-1.7	-0.5		0.0	3.4	54.9	0.0	-6.3	1.2	49.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	46.08	-44.3	-2.1	-1.7	-0.5		0.0	3.4	54.9	0.0	-4.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	46.08	-44.3	-2.1	-1.7	-0.5		0.0	3.4	54.9	0.0	-5.7	0.0	49.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	46.08	-44.3	-2.1	-1.7	-0.5		0.0	3.4	54.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-6.3	1.2	53.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-4.0	0.0	54.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-5.7	0.0	52.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-9.3	1.2	50.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-7.0	0.0	51.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-8.8	0.0	49.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-5.4	1.2	53.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-3.0	0.0	55.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-4.8	0.0	53.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-5.4	1.2	53.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-3.0	0.0	55.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-4.8	0.0	53.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 62.2 dB(A) Leq,d 63.4 dB(A) Leq,e 61.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-6.3	1.2	53.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-4.0	0.0	55.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-5.7	0.0	53.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-6.3	1.2	53.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-4.0	0.0	55.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-5.7	0.0	53.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-10.3	1.2	49.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-8.0	0.0	51.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-9.7	0.0	49.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	46.63	-44.4	-2.0	-1.7	-0.5		0.0	3.4	54.9	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	46.63	-44.4	-2.0	-1.7	-0.5		0.0	3.4	54.9	0.0	-4.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	46.63	-44.4	-2.0	-1.7	-0.5		0.0	3.4	54.9	0.0	-5.7	0.0	49.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	46.63	-44.4	-2.0	-1.7	-0.5		0.0	3.4	54.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-6.3	1.2	53.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-4.0	0.0	55.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-5.7	0.0	53.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-9.3	1.2	50.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-7.0	0.0	52.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-8.8	0.0	50.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-5.4	1.2	54.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-3.0	0.0	56.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-4.8	0.0	54.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-5.4	1.2	54.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-3.0	0.0	56.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-4.8	0.0	54.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 62.6 dB(A) Leq,d 63.8 dB(A) Leq,e 62.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-6.3	1.2	54.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.0	0.0	55.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.7	0.0	53.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-6.3	1.2	54.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.0	0.0	55.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.7	0.0	53.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-10.3	1.2	50.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-8.0	0.0	51.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-9.7	0.0	49.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	47.40	-44.5	-2.0	-1.7	-0.5		0.0	3.5	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	47.40	-44.5	-2.0	-1.7	-0.5		0.0	3.5	54.8	0.0	-4.0	0.0	50.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	47.40	-44.5	-2.0	-1.7	-0.5		0.0	3.5	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	47.40	-44.5	-2.0	-1.7	-0.5		0.0	3.5	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-6.3	1.2	54.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.0	0.0	55.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.7	0.0	53.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-9.3	1.2	51.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-7.0	0.0	52.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-8.8	0.0	50.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.4	1.2	55.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-3.0	0.0	56.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.8	0.0	54.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.4	1.2	55.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-3.0	0.0	56.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.8	0.0	54.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 56.4 dB(A) Leq,d 57.6 dB(A) Leq,e 55.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-6.3	1.2	47.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-4.0	0.0	49.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-5.7	0.0	47.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-6.3	1.2	47.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-4.0	0.0	49.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-5.7	0.0	47.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-10.3	1.2	44.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-8.0	0.0	45.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-9.7	0.0	43.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	82.12	-49.3	-2.7	0.0	-0.8		0.0	3.7	50.9	0.0	-6.3	1.2	45.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	82.12	-49.3	-2.7	0.0	-0.8		0.0	3.7	50.9	0.0	-4.0	0.0	46.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	82.12	-49.3	-2.7	0.0	-0.8		0.0	3.7	50.9	0.0	-5.7	0.0	45.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	82.12	-49.3	-2.7	0.0	-0.8		0.0	3.7	50.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-6.3	1.2	47.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-4.0	0.0	49.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-5.7	0.0	47.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-9.3	1.2	44.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-7.0	0.0	46.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-8.8	0.0	44.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-5.4	1.2	48.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-3.0	0.0	50.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-4.8	0.0	48.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-5.4	1.2	48.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-3.0	0.0	50.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-4.8	0.0	48.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 57.1 dB(A) Leq,d 58.3 dB(A) Leq,e 56.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-6.3	1.2	48.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-4.0	0.0	49.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-5.7	0.0	48.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-6.3	1.2	48.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-4.0	0.0	49.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-5.7	0.0	48.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-10.3	1.2	44.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-8.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-9.7	0.0	44.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	82.30	-49.3	-2.5	0.0	-0.8		0.0	3.7	51.0	0.0	-6.3	1.2	45.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	82.30	-49.3	-2.5	0.0	-0.8		0.0	3.7	51.0	0.0	-4.0	0.0	47.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	82.30	-49.3	-2.5	0.0	-0.8		0.0	3.7	51.0	0.0	-5.7	0.0	45.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	82.30	-49.3	-2.5	0.0	-0.8		0.0	3.7	51.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-6.3	1.2	48.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-4.0	0.0	49.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-5.7	0.0	48.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-9.3	1.2	45.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-7.0	0.0	46.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-8.8	0.0	45.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-5.4	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-3.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-4.8	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-5.4	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-3.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-4.8	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 58.1 dB(A) Leq,d 59.3 dB(A) Leq,e 57.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-10.3	1.2	45.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-8.0	0.0	46.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-9.7	0.0	45.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	71.60	-48.1	-2.5	0.0	-0.7		0.0	3.9	52.6	0.0	-6.3	1.2	47.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	71.60	-48.1	-2.5	0.0	-0.7		0.0	3.9	52.6	0.0	-4.0	0.0	48.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	71.60	-48.1	-2.5	0.0	-0.7		0.0	3.9	52.6	0.0	-5.7	0.0	46.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	71.60	-48.1	-2.5	0.0	-0.7		0.0	3.9	52.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-9.3	1.2	46.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-7.0	0.0	47.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-8.8	0.0	46.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.4	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-3.0	0.0	51.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.8	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.4	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-3.0	0.0	51.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.8	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 59.1 dB(A) Leq,d 60.3 dB(A) Leq,e 58.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-10.3	1.2	46.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-8.0	0.0	47.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-9.7	0.0	46.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	71.85	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0	-6.3	1.2	47.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	71.85	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0	-4.0	0.0	48.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	71.85	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0	-5.7	0.0	47.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	71.85	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-9.3	1.2	47.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-7.0	0.0	48.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-8.8	0.0	47.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.4	1.2	51.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-3.0	0.0	52.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.8	0.0	51.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.4	1.2	51.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-3.0	0.0	52.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.8	0.0	51.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 59.9 dB(A) Leq,d 61.1 dB(A) Leq,e 59.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-6.3	1.2	51.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-4.0	0.0	52.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-5.7	0.0	51.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-6.3	1.2	51.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-4.0	0.0	52.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-5.7	0.0	51.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-10.3	1.2	47.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-8.0	0.0	48.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-9.7	0.0	47.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	72.33	-48.2	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0	-6.3	1.2	47.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	72.33	-48.2	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0	-4.0	0.0	48.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	72.33	-48.2	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0	-5.7	0.0	47.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	72.33	-48.2	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-6.3	1.2	51.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-4.0	0.0	52.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-5.7	0.0	51.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-9.3	1.2	48.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-7.0	0.0	49.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-8.8	0.0	48.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-5.4	1.2	52.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-3.0	0.0	53.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-4.8	0.0	52.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-5.4	1.2	52.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-3.0	0.0	53.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-4.8	0.0	52.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R2 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 60.4 dB(A) Leq,d 61.5 dB(A) Leq,e 59.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-6.3	1.2	52.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-4.0	0.0	53.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-5.7	0.0	51.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-6.3	1.2	52.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-4.0	0.0	53.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-5.7	0.0	51.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-10.3	1.2	48.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-8.0	0.0	49.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-9.7	0.0	47.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	73.02	-48.3	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0	-6.3	1.2	47.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	73.02	-48.3	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0	-4.0	0.0	48.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	73.02	-48.3	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0	-5.7	0.0	47.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	73.02	-48.3	-2.3	0.0	-0.7		0.0	3.9	52.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-6.3	1.2	52.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-4.0	0.0	53.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-5.7	0.0	51.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-9.3	1.2	49.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-7.0	0.0	50.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-8.8	0.0	48.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-5.4	1.2	53.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-3.0	0.0	54.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-4.8	0.0	52.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-5.4	1.2	53.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-3.0	0.0	54.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-4.8	0.0	52.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 54.7 dB(A) Leq,d 55.9 dB(A) Leq,e 54.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-6.3	1.2	46.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-4.0	0.0	47.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-5.7	0.0	45.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-6.3	1.2	46.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-4.0	0.0	47.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-5.7	0.0	45.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-10.3	1.2	42.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-8.0	0.0	43.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-9.7	0.0	41.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	84.71	-49.6	-2.7	0.0	-0.9		0.0	2.4	49.2	0.0	-6.3	1.2	44.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	84.71	-49.6	-2.7	0.0	-0.9		0.0	2.4	49.2	0.0	-4.0	0.0	45.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	84.71	-49.6	-2.7	0.0	-0.9		0.0	2.4	49.2	0.0	-5.7	0.0	43.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	84.71	-49.6	-2.7	0.0	-0.9		0.0	2.4	49.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-6.3	1.2	46.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-4.0	0.0	47.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-5.7	0.0	45.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-9.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-7.0	0.0	44.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-8.8	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-5.4	1.2	47.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-3.0	0.0	48.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-4.8	0.0	46.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-5.4	1.2	47.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-3.0	0.0	48.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-4.8	0.0	46.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 55.4 dB(A) Leq,d 56.6 dB(A) Leq,e 54.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-6.3	1.2	47.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-4.0	0.0	48.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-5.7	0.0	46.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-6.3	1.2	47.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-4.0	0.0	48.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-5.7	0.0	46.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-10.3	1.2	43.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-8.0	0.0	44.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-9.7	0.0	42.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	84.86	-49.6	-2.6	0.0	-0.8		0.0	2.4	49.4	0.0	-6.3	1.2	44.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	84.86	-49.6	-2.6	0.0	-0.8		0.0	2.4	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	84.86	-49.6	-2.6	0.0	-0.8		0.0	2.4	49.4	0.0	-5.7	0.0	43.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	84.86	-49.6	-2.6	0.0	-0.8		0.0	2.4	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-6.3	1.2	47.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-4.0	0.0	48.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-5.7	0.0	46.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-9.3	1.2	44.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-7.0	0.0	45.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-8.8	0.0	43.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-5.4	1.2	48.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-3.0	0.0	49.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-4.8	0.0	47.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-5.4	1.2	48.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-3.0	0.0	49.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-4.8	0.0	47.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 56.1 dB(A) Leq,d 57.3 dB(A) Leq,e 55.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-6.3	1.2	47.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-4.0	0.0	48.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-5.7	0.0	47.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-6.3	1.2	47.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-4.0	0.0	48.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-5.7	0.0	47.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-10.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-8.0	0.0	45.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-9.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	85.16	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.4	0.0	-6.3	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	85.16	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	85.16	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.4	0.0	-5.7	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	85.16	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-6.3	1.2	47.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-4.0	0.0	48.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-5.7	0.0	47.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-9.3	1.2	44.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-7.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-8.8	0.0	44.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-5.4	1.2	48.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-3.0	0.0	49.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-4.8	0.0	48.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-5.4	1.2	48.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-3.0	0.0	49.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-4.8	0.0	48.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 56.8 dB(A) Leq,d 57.9 dB(A) Leq,e 56.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-6.3	1.2	48.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-4.0	0.0	49.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-5.7	0.0	47.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-6.3	1.2	48.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-4.0	0.0	49.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-5.7	0.0	47.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-10.3	1.2	44.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-8.0	0.0	45.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-9.7	0.0	43.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	85.61	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.5	0.0	-6.3	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	85.61	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.5	0.0	-4.0	0.0	45.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	85.61	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.5	0.0	-5.7	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	85.61	-49.6	-2.5	0.0	-0.8		0.0	2.4	49.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-6.3	1.2	48.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-4.0	0.0	49.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-5.7	0.0	47.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-9.3	1.2	45.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-7.0	0.0	46.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-8.8	0.0	44.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-5.4	1.2	49.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-3.0	0.0	50.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-4.8	0.0	48.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-5.4	1.2	49.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-3.0	0.0	50.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-4.8	0.0	48.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			

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Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 58.1 dB(A) Leq,d 59.3 dB(A) Leq,e 57.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-10.3	1.2	45.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-8.0	0.0	46.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-9.7	0.0	45.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	71.52	-48.1	-2.5	0.0	-0.7		0.0	3.8	52.5	0.0	-6.3	1.2	47.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	71.52	-48.1	-2.5	0.0	-0.7		0.0	3.8	52.5	0.0	-4.0	0.0	48.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	71.52	-48.1	-2.5	0.0	-0.7		0.0	3.8	52.5	0.0	-5.7	0.0	46.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	71.52	-48.1	-2.5	0.0	-0.7		0.0	3.8	52.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-9.3	1.2	46.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-7.0	0.0	47.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-8.8	0.0	46.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.4	1.2	50.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-3.0	0.0	51.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.8	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.4	1.2	50.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-3.0	0.0	51.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.8	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 59.1 dB(A) Leq,d 60.3 dB(A) Leq,e 58.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-10.3	1.2	46.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-8.0	0.0	47.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-9.7	0.0	46.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	71.77	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0	-6.3	1.2	47.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	71.77	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0	-4.0	0.0	48.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	71.77	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0	-5.7	0.0	47.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	71.77	-48.1	-2.4	0.0	-0.7		0.0	3.9	52.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-9.3	1.2	47.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-7.0	0.0	48.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-8.8	0.0	47.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.4	1.2	51.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-3.0	0.0	52.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.8	0.0	51.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.4	1.2	51.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-3.0	0.0	52.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.8	0.0	51.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3	Residential	Fl G	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 43.6 dB(A)		Leq,d 44.8 dB(A)		Leq,e 43.0 dB(A)		Leq,n dB(A)					
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-4.0	0.0	36.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-4.0	0.0	36.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-10.3	1.2	31.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-8.0	0.0	32.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-9.7	0.0	30.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	93.25	-50.4	-2.8	-19.3	-0.3		0.0	10.3	37.4	0.0	-6.3	1.2	32.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	93.25	-50.4	-2.8	-19.3	-0.3		0.0	10.3	37.4	0.0	-4.0	0.0	33.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	93.25	-50.4	-2.8	-19.3	-0.3		0.0	10.3	37.4	0.0	-5.7	0.0	31.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	93.25	-50.4	-2.8	-19.3	-0.3		0.0	10.3	37.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-4.0	0.0	36.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-9.3	1.2	32.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-7.0	0.0	33.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-8.8	0.0	31.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-5.4	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-3.0	0.0	37.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-4.8	0.0	35.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-5.4	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-3.0	0.0	37.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-4.8	0.0	35.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3	Residential	Fl F2	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 44.1 dB(A)		Leq,d 45.3 dB(A)		Leq,e 43.5 dB(A)		Leq,n	dB(A)					
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-6.3	1.2	35.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-4.0	0.0	36.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-5.7	0.0	35.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-6.3	1.2	35.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-4.0	0.0	36.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-5.7	0.0	35.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-10.3	1.2	31.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-8.0	0.0	32.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-9.7	0.0	31.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	93.35	-50.4	-2.7	-19.5	-0.4		0.0	10.7	37.7	0.0	-6.3	1.2	32.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	93.35	-50.4	-2.7	-19.5	-0.4		0.0	10.7	37.7	0.0	-4.0	0.0	33.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	93.35	-50.4	-2.7	-19.5	-0.4		0.0	10.7	37.7	0.0	-5.7	0.0	31.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	93.35	-50.4	-2.7	-19.5	-0.4		0.0	10.7	37.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-6.3	1.2	35.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-4.0	0.0	36.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-5.7	0.0	35.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-9.3	1.2	32.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-7.0	0.0	33.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-8.8	0.0	32.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-5.4	1.2	36.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-3.0	0.0	37.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-4.8	0.0	36.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-5.4	1.2	36.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-3.0	0.0	37.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-4.8	0.0	36.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.35	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3	Residential	Fl F3	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 44.6 dB(A)		Leq,d 45.8 dB(A)		Leq,e 44.0 dB(A)		Leq,n	dB(A)					
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-6.3	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-4.0	0.0	37.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-5.7	0.0	35.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-6.3	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-4.0	0.0	37.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-5.7	0.0	35.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-10.3	1.2	32.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-8.0	0.0	33.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-9.7	0.0	31.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	93.54	-50.4	-2.7	-19.1	-0.3		0.0	10.2	37.8	0.0	-6.3	1.2	32.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	93.54	-50.4	-2.7	-19.1	-0.3		0.0	10.2	37.8	0.0	-4.0	0.0	33.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	93.54	-50.4	-2.7	-19.1	-0.3		0.0	10.2	37.8	0.0	-5.7	0.0	32.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	93.54	-50.4	-2.7	-19.1	-0.3		0.0	10.2	37.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-6.3	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-4.0	0.0	37.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-5.7	0.0	35.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-9.3	1.2	33.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-7.0	0.0	34.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-8.8	0.0	32.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-5.4	1.2	37.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-3.0	0.0	38.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-4.8	0.0	36.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-5.4	1.2	37.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-3.0	0.0	38.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-4.8	0.0	36.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.54	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3	Residential	Fl F4	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 45.1	dB(A)	Leq,d 46.3	dB(A)	Leq,e 44.6	dB(A)	Leq,n	dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-10.3	1.2	32.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-8.0	0.0	34.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-9.7	0.0	32.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	93.83	-50.4	-2.6	-18.5	-0.3		0.0	9.8	37.9	0.0	-6.3	1.2	32.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	93.83	-50.4	-2.6	-18.5	-0.3		0.0	9.8	37.9	0.0	-4.0	0.0	33.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	93.83	-50.4	-2.6	-18.5	-0.3		0.0	9.8	37.9	0.0	-5.7	0.0	32.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	93.83	-50.4	-2.6	-18.5	-0.3		0.0	9.8	37.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-9.3	1.2	33.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-7.0	0.0	35.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-8.8	0.0	33.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-5.4	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-3.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-4.8	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-5.4	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-3.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-4.8	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.82	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			

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Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R3 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.5 dB(A) Leq,d 43.7 dB(A) Leq,e 42.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-6.3	1.2	34.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-5.7	0.0	33.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-6.3	1.2	34.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-5.7	0.0	33.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-10.3	1.2	30.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-8.0	0.0	31.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-9.7	0.0	29.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	95.54	-50.6	-2.9	-19.7	-0.4		0.0	9.5	36.0	0.0	-6.3	1.2	30.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	95.54	-50.6	-2.9	-19.7	-0.4		0.0	9.5	36.0	0.0	-4.0	0.0	32.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	95.54	-50.6	-2.9	-19.7	-0.4		0.0	9.5	36.0	0.0	-5.7	0.0	30.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	95.54	-50.6	-2.9	-19.7	-0.4		0.0	9.5	36.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-6.3	1.2	34.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-5.7	0.0	33.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-9.3	1.2	31.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-7.0	0.0	32.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-8.8	0.0	30.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-5.4	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-3.0	0.0	36.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-4.8	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-5.4	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-3.0	0.0	36.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-4.8	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.8 dB(A) Leq,d 44.0 dB(A) Leq,e 42.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.3	39.6	0.0	-6.3	1.2	34.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.3	39.6	0.0	-4.0	0.0	35.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.3	39.6	0.0	-5.7	0.0	33.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.3	39.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-6.3	1.2	34.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-4.0	0.0	35.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-5.7	0.0	33.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-10.3	1.2	30.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-8.0	0.0	31.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-9.7	0.0	29.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	95.63	-50.6	-2.8	-20.1	-0.4		0.0	10.1	36.2	0.0	-6.3	1.2	31.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	95.63	-50.6	-2.8	-20.1	-0.4		0.0	10.1	36.2	0.0	-4.0	0.0	32.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	95.63	-50.6	-2.8	-20.1	-0.4		0.0	10.1	36.2	0.0	-5.7	0.0	30.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	95.63	-50.6	-2.8	-20.1	-0.4		0.0	10.1	36.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-6.3	1.2	34.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-4.0	0.0	35.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-5.7	0.0	33.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-9.3	1.2	31.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-7.0	0.0	32.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-8.8	0.0	30.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-5.4	1.2	35.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-3.0	0.0	36.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-4.8	0.0	34.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-5.4	1.2	35.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-3.0	0.0	36.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-4.8	0.0	34.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R4 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.6 dB(A) Leq,d 48.8 dB(A) Leq,e 47.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-4.0	0.0	40.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-4.0	0.0	40.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-10.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-8.0	0.0	36.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-9.7	0.0	34.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	101.76	-51.1	-3.4	-6.1	-0.9		0.0	3.1	41.6	0.0	-6.3	1.2	36.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	101.76	-51.1	-3.4	-6.1	-0.9		0.0	3.1	41.6	0.0	-4.0	0.0	37.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	101.76	-51.1	-3.4	-6.1	-0.9		0.0	3.1	41.6	0.0	-5.7	0.0	35.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	101.76	-51.1	-3.4	-6.1	-0.9		0.0	3.1	41.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-4.0	0.0	40.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-9.3	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-7.0	0.0	37.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-8.8	0.0	35.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-5.4	1.2	40.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-3.0	0.0	41.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-4.8	0.0	39.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-5.4	1.2	40.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-3.0	0.0	41.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-4.8	0.0	39.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R4 School		Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 49.1 dB(A)		Leq,d 50.2 dB(A)		Leq,e 48.5 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-6.3	1.2	40.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-4.0	0.0	41.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-5.7	0.0	40.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-6.3	1.2	40.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-4.0	0.0	41.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-5.7	0.0	40.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-10.3	1.2	36.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-8.0	0.0	37.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-9.7	0.0	36.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	101.79	-51.1	-2.8	-5.8	-0.8		0.0	3.4	42.9	0.0	-6.3	1.2	37.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	101.79	-51.1	-2.8	-5.8	-0.8		0.0	3.4	42.9	0.0	-4.0	0.0	38.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	101.79	-51.1	-2.8	-5.8	-0.8		0.0	3.4	42.9	0.0	-5.7	0.0	37.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	101.79	-51.1	-2.8	-5.8	-0.8		0.0	3.4	42.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-6.3	1.2	40.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-4.0	0.0	41.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-5.7	0.0	40.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-9.3	1.2	37.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-7.0	0.0	38.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-8.8	0.0	37.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-5.4	1.2	41.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-3.0	0.0	42.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-4.8	0.0	41.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-5.4	1.2	41.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-3.0	0.0	42.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-4.8	0.0	41.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R4 School Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.7 dB(A) Leq,d 52.9 dB(A) Leq,e 51.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-6.3	1.2	43.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-4.0	0.0	44.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-5.7	0.0	42.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-6.3	1.2	43.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-4.0	0.0	44.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-5.7	0.0	42.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-10.3	1.2	39.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-8.0	0.0	40.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-9.7	0.0	38.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	101.91	-51.2	-2.8	-3.9	-0.8		0.0	3.3	44.8	0.0	-6.3	1.2	39.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	101.91	-51.2	-2.8	-3.9	-0.8		0.0	3.3	44.8	0.0	-4.0	0.0	40.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	101.91	-51.2	-2.8	-3.9	-0.8		0.0	3.3	44.8	0.0	-5.7	0.0	39.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	101.91	-51.2	-2.8	-3.9	-0.8		0.0	3.3	44.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-6.3	1.2	43.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-4.0	0.0	44.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-5.7	0.0	42.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-9.3	1.2	40.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-7.0	0.0	41.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-8.8	0.0	39.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-5.4	1.2	44.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-3.0	0.0	45.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-4.8	0.0	43.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-5.4	1.2	44.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-3.0	0.0	45.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-4.8	0.0	43.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 30.9 dB(A) Leq,d 32.1 dB(A) Leq,e 30.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-6.3	1.2	22.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-4.0	0.0	23.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-5.7	0.0	21.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-6.3	1.2	22.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-4.0	0.0	23.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-5.7	0.0	21.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-10.3	1.2	18.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-8.0	0.0	19.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-9.7	0.0	17.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	149.31	-54.5	-3.0	-18.7	-0.5		0.0	4.2	27.6	0.0	-6.3	1.2	22.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	149.31	-54.5	-3.0	-18.7	-0.5		0.0	4.2	27.6	0.0	-4.0	0.0	23.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	149.31	-54.5	-3.0	-18.7	-0.5		0.0	4.2	27.6	0.0	-5.7	0.0	21.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	149.31	-54.5	-3.0	-18.7	-0.5		0.0	4.2	27.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-6.3	1.2	22.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-4.0	0.0	23.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-5.7	0.0	21.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-9.3	1.2	19.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-7.0	0.0	20.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-8.8	0.0	18.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-5.4	1.2	23.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-3.0	0.0	24.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-4.8	0.0	22.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-5.4	1.2	23.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-3.0	0.0	24.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-4.8	0.0	22.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 31.0 dB(A) Leq,d 32.2 dB(A) Leq,e 30.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-6.3	1.2	22.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-4.0	0.0	23.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-5.7	0.0	21.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-6.3	1.2	22.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-4.0	0.0	23.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-5.7	0.0	21.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-10.3	1.2	18.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-8.0	0.0	19.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-9.7	0.0	17.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	149.37	-54.5	-2.9	-19.1	-0.6		0.0	4.6	27.5	0.0	-6.3	1.2	22.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	149.37	-54.5	-2.9	-19.1	-0.6		0.0	4.6	27.5	0.0	-4.0	0.0	23.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	149.37	-54.5	-2.9	-19.1	-0.6		0.0	4.6	27.5	0.0	-5.7	0.0	21.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	149.37	-54.5	-2.9	-19.1	-0.6		0.0	4.6	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-6.3	1.2	22.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-4.0	0.0	23.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-5.7	0.0	21.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-9.3	1.2	19.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-7.0	0.0	20.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-8.8	0.0	18.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-5.4	1.2	23.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-3.0	0.0	24.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-4.8	0.0	22.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-5.4	1.2	23.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-3.0	0.0	24.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-4.8	0.0	22.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R5 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 31.3 dB(A) Leq,d 32.5 dB(A) Leq,e 30.7 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-6.3	1.2	22.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-4.0	0.0	23.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-5.7	0.0	22.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-6.3	1.2	22.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-4.0	0.0	23.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-5.7	0.0	22.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-10.3	1.2	18.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-8.0	0.0	19.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-9.7	0.0	18.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	149.49	-54.5	-2.9	-18.9	-0.5		0.0	4.5	27.7	0.0	-6.3	1.2	22.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	149.49	-54.5	-2.9	-18.9	-0.5		0.0	4.5	27.7	0.0	-4.0	0.0	23.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	149.49	-54.5	-2.9	-18.9	-0.5		0.0	4.5	27.7	0.0	-5.7	0.0	21.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	149.49	-54.5	-2.9	-18.9	-0.5		0.0	4.5	27.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-6.3	1.2	22.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-4.0	0.0	23.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-5.7	0.0	22.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-9.3	1.2	19.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-7.0	0.0	20.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-8.8	0.0	19.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-5.4	1.2	23.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-3.0	0.0	24.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-4.8	0.0	23.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-5.4	1.2	23.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-3.0	0.0	24.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-4.8	0.0	23.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 31.8 dB(A) Leq,d 32.9 dB(A) Leq,e 31.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-6.3	1.2	23.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-4.0	0.0	24.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-5.7	0.0	22.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-6.3	1.2	23.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-4.0	0.0	24.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-5.7	0.0	22.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-10.3	1.2	19.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-8.0	0.0	20.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-9.7	0.0	18.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	149.66	-54.5	-2.8	-18.6	-0.5		0.0	3.4	27.1	0.0	-6.3	1.2	21.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	149.66	-54.5	-2.8	-18.6	-0.5		0.0	3.4	27.1	0.0	-4.0	0.0	23.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	149.66	-54.5	-2.8	-18.6	-0.5		0.0	3.4	27.1	0.0	-5.7	0.0	21.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	149.66	-54.5	-2.8	-18.6	-0.5		0.0	3.4	27.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-6.3	1.2	23.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-4.0	0.0	24.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-5.7	0.0	22.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-9.3	1.2	20.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-7.0	0.0	21.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-8.8	0.0	19.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-5.4	1.2	24.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-3.0	0.0	25.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-4.8	0.0	23.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-5.4	1.2	24.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-3.0	0.0	25.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-4.8	0.0	23.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R5 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.1 dB(A) Leq,d 48.3 dB(A) Leq,e 46.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-10.3	1.2	34.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-8.0	0.0	35.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-9.7	0.0	34.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	111.32	-51.9	-2.9	-5.0	-1.0		0.0	3.1	42.2	0.0	-6.3	1.2	37.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	111.32	-51.9	-2.9	-5.0	-1.0		0.0	3.1	42.2	0.0	-4.0	0.0	38.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	111.32	-51.9	-2.9	-5.0	-1.0		0.0	3.1	42.2	0.0	-5.7	0.0	36.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	111.32	-51.9	-2.9	-5.0	-1.0		0.0	3.1	42.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-9.3	1.2	35.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-7.0	0.0	36.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-8.8	0.0	35.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-5.4	1.2	39.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-3.0	0.0	40.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-4.8	0.0	39.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-5.4	1.2	39.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-3.0	0.0	40.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-4.8	0.0	39.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.6 dB(A) Leq,d 48.8 dB(A) Leq,e 47.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-4.0	0.0	40.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-4.0	0.0	40.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-10.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-8.0	0.0	36.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-9.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	111.41	-51.9	-2.8	-5.0	-1.0		0.0	3.1	42.3	0.0	-6.3	1.2	37.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	111.41	-51.9	-2.8	-5.0	-1.0		0.0	3.1	42.3	0.0	-4.0	0.0	38.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	111.41	-51.9	-2.8	-5.0	-1.0		0.0	3.1	42.3	0.0	-5.7	0.0	36.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	111.41	-51.9	-2.8	-5.0	-1.0		0.0	3.1	42.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-4.0	0.0	40.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-9.3	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-7.0	0.0	37.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-8.8	0.0	35.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-5.4	1.2	40.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-3.0	0.0	41.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-4.8	0.0	39.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-5.4	1.2	40.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-3.0	0.0	41.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-4.8	0.0	39.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 45.9 dB(A) Leq,d 47.1 dB(A) Leq,e 45.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-6.3	1.2	37.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-4.0	0.0	38.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-5.7	0.0	36.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-6.3	1.2	37.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-4.0	0.0	38.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-5.7	0.0	36.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-10.3	1.2	33.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-8.0	0.0	34.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-9.7	0.0	32.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	111.56	-51.9	-2.8	-5.0	-1.0		0.0	0.9	40.1	0.0	-6.3	1.2	35.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	111.56	-51.9	-2.8	-5.0	-1.0		0.0	0.9	40.1	0.0	-4.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	111.56	-51.9	-2.8	-5.0	-1.0		0.0	0.9	40.1	0.0	-5.7	0.0	34.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	111.56	-51.9	-2.8	-5.0	-1.0		0.0	0.9	40.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-6.3	1.2	37.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-4.0	0.0	38.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-5.7	0.0	36.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-9.3	1.2	34.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-7.0	0.0	35.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-8.8	0.0	33.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-5.4	1.2	38.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-3.0	0.0	39.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-4.8	0.0	37.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-5.4	1.2	38.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-3.0	0.0	39.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-4.8	0.0	37.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R5 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 46.5 dB(A) Leq,d 47.6 dB(A) Leq,e 45.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-4.0	0.0	39.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-4.0	0.0	39.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-10.3	1.2	34.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-8.0	0.0	35.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-9.7	0.0	33.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	111.81	-52.0	-2.7	-5.0	-1.0		0.0	0.9	40.2	0.0	-6.3	1.2	35.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	111.81	-52.0	-2.7	-5.0	-1.0		0.0	0.9	40.2	0.0	-4.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	111.81	-52.0	-2.7	-5.0	-1.0		0.0	0.9	40.2	0.0	-5.7	0.0	34.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	111.81	-52.0	-2.7	-5.0	-1.0		0.0	0.9	40.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-4.0	0.0	39.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-9.3	1.2	35.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-7.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-8.8	0.0	34.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-5.4	1.2	39.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-3.0	0.0	40.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-4.8	0.0	38.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-5.4	1.2	39.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-3.0	0.0	40.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-4.8	0.0	38.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R5 Residential Fl F5 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.0 dB(A) Leq,d 48.2 dB(A) Leq,e 46.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-10.3	1.2	34.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-8.0	0.0	35.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-9.7	0.0	34.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	112.13	-52.0	-2.7	-5.0	-1.0		0.0	0.8	40.2	0.0	-6.3	1.2	35.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	112.13	-52.0	-2.7	-5.0	-1.0		0.0	0.8	40.2	0.0	-4.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	112.13	-52.0	-2.7	-5.0	-1.0		0.0	0.8	40.2	0.0	-5.7	0.0	34.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	112.13	-52.0	-2.7	-5.0	-1.0		0.0	0.8	40.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-9.3	1.2	35.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-7.0	0.0	36.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-8.8	0.0	35.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-5.4	1.2	39.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-3.0	0.0	40.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-4.8	0.0	39.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-5.4	1.2	39.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-3.0	0.0	40.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-4.8	0.0	39.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F6 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.8 dB(A) Leq,d 49.0 dB(A) Leq,e 47.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-6.3	1.2	39.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-4.0	0.0	40.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-5.7	0.0	38.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-6.3	1.2	39.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-4.0	0.0	40.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-5.7	0.0	38.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-10.3	1.2	35.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-8.0	0.0	36.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-9.7	0.0	34.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	112.49	-52.0	-2.7	-4.7	-1.0		0.0	0.8	40.5	0.0	-6.3	1.2	35.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	112.49	-52.0	-2.7	-4.7	-1.0		0.0	0.8	40.5	0.0	-4.0	0.0	36.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	112.49	-52.0	-2.7	-4.7	-1.0		0.0	0.8	40.5	0.0	-5.7	0.0	34.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	112.49	-52.0	-2.7	-4.7	-1.0		0.0	0.8	40.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-6.3	1.2	39.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-4.0	0.0	40.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-5.7	0.0	38.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-9.3	1.2	36.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-7.0	0.0	37.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-8.8	0.0	35.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-5.4	1.2	40.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-3.0	0.0	41.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-4.8	0.0	39.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-5.4	1.2	40.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-3.0	0.0	41.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-4.8	0.0	39.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R6 Residential Fl G			Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 51.2 dB(A)		Leq,d 52.4 dB(A)		Leq,e 50.6 dB(A)		Leq,n dB(A)							
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-6.3	1.2	42.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-4.0	0.0	44.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-5.7	0.0	42.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-6.3	1.2	42.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-4.0	0.0	44.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-5.7	0.0	42.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-10.3	1.2	38.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-8.0	0.0	40.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-9.7	0.0	38.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	113.24	-52.1	-3.4	-1.5	-1.3		0.0	3.2	45.0	0.0	-6.3	1.2	39.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	113.24	-52.1	-3.4	-1.5	-1.3		0.0	3.2	45.0	0.0	-4.0	0.0	41.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	113.24	-52.1	-3.4	-1.5	-1.3		0.0	3.2	45.0	0.0	-5.7	0.0	39.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	113.24	-52.1	-3.4	-1.5	-1.3		0.0	3.2	45.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-6.3	1.2	42.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-4.0	0.0	44.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-5.7	0.0	42.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-9.3	1.2	39.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-7.0	0.0	41.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-8.8	0.0	39.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-5.4	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-3.0	0.0	45.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-4.8	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-5.4	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-3.0	0.0	45.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-4.8	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R6 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.7 dB(A) Leq,d 52.9 dB(A) Leq,e 51.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-4.0	0.0	44.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-4.0	0.0	44.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-10.3	1.2	39.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-8.0	0.0	40.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-9.7	0.0	38.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	113.28	-52.1	-2.8	-1.5	-1.2		0.0	3.3	45.8	0.0	-6.3	1.2	40.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	113.28	-52.1	-2.8	-1.5	-1.2		0.0	3.3	45.8	0.0	-4.0	0.0	41.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	113.28	-52.1	-2.8	-1.5	-1.2		0.0	3.3	45.8	0.0	-5.7	0.0	40.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	113.28	-52.1	-2.8	-1.5	-1.2		0.0	3.3	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-4.0	0.0	44.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-9.3	1.2	40.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-7.0	0.0	41.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-8.8	0.0	39.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-5.4	1.2	44.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-3.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-4.8	0.0	43.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-5.4	1.2	44.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-3.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-4.8	0.0	43.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R7 School	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 42.4 dB(A)	Leq,d 43.6 dB(A)		Leq,e 41.8 dB(A)		Leq,n dB(A)							
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-6.3	1.2	34.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-4.0	0.0	35.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-5.7	0.0	33.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-6.3	1.2	34.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-4.0	0.0	35.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-5.7	0.0	33.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-10.3	1.2	30.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-8.0	0.0	31.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-9.7	0.0	29.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	138.71	-53.8	-3.0	-8.8	-1.2		0.0	3.8	37.1	0.0	-6.3	1.2	31.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	138.71	-53.8	-3.0	-8.8	-1.2		0.0	3.8	37.1	0.0	-4.0	0.0	33.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	138.71	-53.8	-3.0	-8.8	-1.2		0.0	3.8	37.1	0.0	-5.7	0.0	31.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	138.71	-53.8	-3.0	-8.8	-1.2		0.0	3.8	37.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-6.3	1.2	34.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-4.0	0.0	35.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-5.7	0.0	33.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-9.3	1.2	31.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-7.0	0.0	32.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-8.8	0.0	30.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-5.4	1.2	34.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-3.0	0.0	36.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-4.8	0.0	34.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-5.4	1.2	34.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-3.0	0.0	36.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0	-4.8	0.0	34.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	3.0	39.1	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 50.5 dB(A) Leq,d 51.6 dB(A) Leq,e 49.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-5.7	0.0	41.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-5.7	0.0	41.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-10.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-8.0	0.0	39.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-9.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	120.11	-52.6	-2.9	-1.4	-1.1		0.0	2.5	44.5	0.0	-6.3	1.2	39.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	120.11	-52.6	-2.9	-1.4	-1.1		0.0	2.5	44.5	0.0	-4.0	0.0	40.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	120.11	-52.6	-2.9	-1.4	-1.1		0.0	2.5	44.5	0.0	-5.7	0.0	38.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	120.11	-52.6	-2.9	-1.4	-1.1		0.0	2.5	44.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-5.7	0.0	41.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-9.3	1.2	39.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-7.0	0.0	40.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-8.8	0.0	38.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-5.4	1.2	43.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-3.0	0.0	44.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-4.8	0.0	42.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-5.4	1.2	43.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-3.0	0.0	44.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-4.8	0.0	42.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R8 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.0 dB(A) Leq,d 52.2 dB(A) Leq,e 50.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-6.3	1.2	42.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-4.0	0.0	43.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-5.7	0.0	42.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-6.3	1.2	42.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-4.0	0.0	43.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-5.7	0.0	42.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-10.3	1.2	38.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-8.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-9.7	0.0	38.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	120.19	-52.6	-2.9	-1.3	-1.1		0.0	2.6	44.7	0.0	-6.3	1.2	39.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	120.19	-52.6	-2.9	-1.3	-1.1		0.0	2.6	44.7	0.0	-4.0	0.0	40.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	120.19	-52.6	-2.9	-1.3	-1.1		0.0	2.6	44.7	0.0	-5.7	0.0	39.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	120.19	-52.6	-2.9	-1.3	-1.1		0.0	2.6	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-6.3	1.2	42.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-4.0	0.0	43.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-5.7	0.0	42.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-9.3	1.2	39.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-7.0	0.0	40.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-8.8	0.0	39.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-5.4	1.2	43.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-3.0	0.0	44.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-4.8	0.0	43.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-5.4	1.2	43.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-3.0	0.0	44.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-4.8	0.0	43.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.20	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R8 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.7 dB(A) Leq,d 52.8 dB(A) Leq,e 51.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-4.0	0.0	44.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-4.0	0.0	44.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-10.3	1.2	39.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-8.0	0.0	40.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-9.7	0.0	38.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	120.34	-52.6	-2.8	-1.1	-1.1		0.0	2.6	45.0	0.0	-6.3	1.2	39.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	120.34	-52.6	-2.8	-1.1	-1.1		0.0	2.6	45.0	0.0	-4.0	0.0	41.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	120.34	-52.6	-2.8	-1.1	-1.1		0.0	2.6	45.0	0.0	-5.7	0.0	39.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	120.34	-52.6	-2.8	-1.1	-1.1		0.0	2.6	45.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-4.0	0.0	44.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-9.3	1.2	40.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-7.0	0.0	41.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-8.8	0.0	39.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-5.4	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-3.0	0.0	45.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-4.8	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-5.4	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-3.0	0.0	45.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-4.8	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.35	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 52.1 dB(A) Leq,d 53.3 dB(A) Leq,e 51.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-10.3	1.2	39.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-8.0	0.0	41.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-9.7	0.0	39.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	120.57	-52.6	-2.7	-1.0	-1.1		0.0	2.6	45.1	0.0	-6.3	1.2	39.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	120.57	-52.6	-2.7	-1.0	-1.1		0.0	2.6	45.1	0.0	-4.0	0.0	41.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	120.57	-52.6	-2.7	-1.0	-1.1		0.0	2.6	45.1	0.0	-5.7	0.0	39.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	120.57	-52.6	-2.7	-1.0	-1.1		0.0	2.6	45.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-9.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-7.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-8.8	0.0	40.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-5.4	1.2	44.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-3.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-4.8	0.0	44.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-5.4	1.2	44.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-3.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-4.8	0.0	44.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.58	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R8 Residential Fl F5 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 52.6 dB(A) Leq,d 53.8 dB(A) Leq,e 52.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-6.3	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-5.7	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-6.3	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-5.7	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-10.3	1.2	40.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-8.0	0.0	41.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-9.7	0.0	39.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	120.85	-52.6	-2.7	-0.8	-1.2		0.0	2.6	45.3	0.0	-6.3	1.2	40.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	120.85	-52.6	-2.7	-0.8	-1.2		0.0	2.6	45.3	0.0	-4.0	0.0	41.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	120.85	-52.6	-2.7	-0.8	-1.2		0.0	2.6	45.3	0.0	-5.7	0.0	39.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	120.85	-52.6	-2.7	-0.8	-1.2		0.0	2.6	45.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-6.3	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-5.7	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-9.3	1.2	41.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-7.0	0.0	42.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-8.8	0.0	40.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-5.4	1.2	45.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-3.0	0.0	46.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-4.8	0.0	44.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-5.4	1.2	45.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-3.0	0.0	46.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-4.8	0.0	44.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.86	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F6 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 53.0 dB(A) Leq,d 54.2 dB(A) Leq,e 52.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-6.3	1.2	44.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-4.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-5.7	0.0	44.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-6.3	1.2	44.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-4.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-5.7	0.0	44.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-10.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-8.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-9.7	0.0	40.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	121.21	-52.7	-2.7	-0.7	-1.2		0.0	2.6	45.3	0.0	-6.3	1.2	40.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	121.21	-52.7	-2.7	-0.7	-1.2		0.0	2.6	45.3	0.0	-4.0	0.0	41.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	121.21	-52.7	-2.7	-0.7	-1.2		0.0	2.6	45.3	0.0	-5.7	0.0	39.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	121.21	-52.7	-2.7	-0.7	-1.2		0.0	2.6	45.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-6.3	1.2	44.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-4.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-5.7	0.0	44.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-9.3	1.2	41.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-7.0	0.0	42.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-8.8	0.0	41.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-5.4	1.2	45.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-3.0	0.0	46.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-4.8	0.0	45.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-5.4	1.2	45.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-3.0	0.0	46.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-4.8	0.0	45.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.21	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R8 Residential Fl F7 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 53.6 dB(A) Leq,d 54.7 dB(A) Leq,e 53.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-6.3	1.2	45.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-4.0	0.0	46.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-5.7	0.0	44.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-6.3	1.2	45.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-4.0	0.0	46.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-5.7	0.0	44.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-10.3	1.2	41.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-8.0	0.0	42.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-9.7	0.0	40.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	121.66	-52.7	-2.7	-0.6	-1.2		0.0	2.6	45.4	0.0	-6.3	1.2	40.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	121.66	-52.7	-2.7	-0.6	-1.2		0.0	2.6	45.4	0.0	-4.0	0.0	41.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	121.66	-52.7	-2.7	-0.6	-1.2		0.0	2.6	45.4	0.0	-5.7	0.0	39.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	121.66	-52.7	-2.7	-0.6	-1.2		0.0	2.6	45.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-6.3	1.2	45.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-4.0	0.0	46.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-5.7	0.0	44.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-9.3	1.2	42.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-7.0	0.0	43.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-8.8	0.0	41.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-5.4	1.2	46.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-3.0	0.0	47.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-4.8	0.0	45.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-5.4	1.2	46.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-3.0	0.0	47.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-4.8	0.0	45.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.66	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R9 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 50.4 dB(A) Leq,d 51.6 dB(A) Leq,e 49.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-5.7	0.0	41.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-5.7	0.0	41.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-10.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-8.0	0.0	39.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-9.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	135.82	-53.7	-3.4	-1.1	-1.5		0.0	3.7	44.1	0.0	-6.3	1.2	38.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	135.82	-53.7	-3.4	-1.1	-1.5		0.0	3.7	44.1	0.0	-4.0	0.0	40.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	135.82	-53.7	-3.4	-1.1	-1.5		0.0	3.7	44.1	0.0	-5.7	0.0	38.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	135.82	-53.7	-3.4	-1.1	-1.5		0.0	3.7	44.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-5.7	0.0	41.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-9.3	1.2	39.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-7.0	0.0	40.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-8.8	0.0	38.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-5.4	1.2	43.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-3.0	0.0	44.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-4.8	0.0	42.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-5.4	1.2	43.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-3.0	0.0	44.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-4.8	0.0	42.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.85	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R9 School		Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 50.9 dB(A)	Leq,d 52.1 dB(A)		Leq,e 50.3 dB(A)		Leq,n dB(A)							
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.7	0.0	-6.3	1.2	42.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.7	0.0	-4.0	0.0	43.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.7	0.0	-5.7	0.0	41.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-6.3	1.2	42.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-4.0	0.0	43.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-5.7	0.0	41.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-10.3	1.2	38.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-8.0	0.0	39.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-9.7	0.0	37.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	135.85	-53.7	-2.9	-1.1	-1.3		0.0	3.9	45.0	0.0	-6.3	1.2	39.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	135.85	-53.7	-2.9	-1.1	-1.3		0.0	3.9	45.0	0.0	-4.0	0.0	41.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	135.85	-53.7	-2.9	-1.1	-1.3		0.0	3.9	45.0	0.0	-5.7	0.0	39.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	135.85	-53.7	-2.9	-1.1	-1.3		0.0	3.9	45.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-6.3	1.2	42.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-4.0	0.0	43.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-5.7	0.0	41.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-9.3	1.2	39.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-7.0	0.0	40.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-8.8	0.0	38.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-5.4	1.2	43.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-3.0	0.0	44.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-4.8	0.0	42.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-5.4	1.2	43.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-3.0	0.0	44.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0	-4.8	0.0	42.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.89	-53.7	-4.4	-0.9	-0.3		0.0	3.8	47.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R9 School Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.5 dB(A) Leq,d 52.6 dB(A) Leq,e 50.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-6.3	1.2	43.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-4.0	0.0	44.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-5.7	0.0	42.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-6.3	1.2	43.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-4.0	0.0	44.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-5.7	0.0	42.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-10.3	1.2	39.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-8.0	0.0	40.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-9.7	0.0	38.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	135.96	-53.7	-2.9	-1.0	-1.3		0.0	3.9	45.0	0.0	-6.3	1.2	39.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	135.96	-53.7	-2.9	-1.0	-1.3		0.0	3.9	45.0	0.0	-4.0	0.0	41.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	135.96	-53.7	-2.9	-1.0	-1.3		0.0	3.9	45.0	0.0	-5.7	0.0	39.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	135.96	-53.7	-2.9	-1.0	-1.3		0.0	3.9	45.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-6.3	1.2	43.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-4.0	0.0	44.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-5.7	0.0	42.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-9.3	1.2	40.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-7.0	0.0	41.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-8.8	0.0	39.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-5.4	1.2	44.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-3.0	0.0	45.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-4.8	0.0	43.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-5.4	1.2	44.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-3.0	0.0	45.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-4.8	0.0	43.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.01	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R9 School		Fl F4	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 52.1 dB(A)		Leq,d 53.3 dB(A)		Leq,e 51.5 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-10.3	1.2	39.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-8.0	0.0	41.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-9.7	0.0	39.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	136.12	-53.7	-2.8	-0.8	-1.3		0.0	3.9	45.4	0.0	-6.3	1.2	40.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	136.12	-53.7	-2.8	-0.8	-1.3		0.0	3.9	45.4	0.0	-4.0	0.0	41.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	136.12	-53.7	-2.8	-0.8	-1.3		0.0	3.9	45.4	0.0	-5.7	0.0	39.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	136.12	-53.7	-2.8	-0.8	-1.3		0.0	3.9	45.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-9.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-7.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-8.8	0.0	40.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-5.4	1.2	44.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-3.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-4.8	0.0	44.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-5.4	1.2	44.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-3.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-4.8	0.0	44.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 45.4 dB(A) Leq,d 46.5 dB(A) Leq,e 44.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-6.3	1.2	36.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-5.7	0.0	36.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-6.3	1.2	36.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-5.7	0.0	36.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-10.3	1.2	32.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-8.0	0.0	34.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-9.7	0.0	32.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	124.38	-52.9	-2.9	-5.5	-1.0		0.0	2.5	40.2	0.0	-6.3	1.2	35.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	124.38	-52.9	-2.9	-5.5	-1.0		0.0	2.5	40.2	0.0	-4.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	124.38	-52.9	-2.9	-5.5	-1.0		0.0	2.5	40.2	0.0	-5.7	0.0	34.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	124.38	-52.9	-2.9	-5.5	-1.0		0.0	2.5	40.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-6.3	1.2	36.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-5.7	0.0	36.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-9.3	1.2	33.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-7.0	0.0	35.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-8.8	0.0	33.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-5.4	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-3.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-4.8	0.0	37.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-5.4	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-3.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-4.8	0.0	37.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R10 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 45.8 dB(A) Leq,d 47.0 dB(A) Leq,e 45.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-6.3	1.2	37.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-4.0	0.0	38.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-5.7	0.0	36.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-6.3	1.2	37.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-4.0	0.0	38.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-5.7	0.0	36.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-10.3	1.2	33.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-8.0	0.0	34.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-9.7	0.0	32.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	124.45	-52.9	-2.9	-5.5	-1.0		0.0	2.6	40.3	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	124.45	-52.9	-2.9	-5.5	-1.0		0.0	2.6	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	124.45	-52.9	-2.9	-5.5	-1.0		0.0	2.6	40.3	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	124.45	-52.9	-2.9	-5.5	-1.0		0.0	2.6	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-6.3	1.2	37.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-4.0	0.0	38.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-5.7	0.0	36.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-9.3	1.2	34.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-7.0	0.0	35.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-8.8	0.0	33.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-5.4	1.2	38.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-3.0	0.0	39.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-4.8	0.0	37.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-5.4	1.2	38.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-3.0	0.0	39.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-4.8	0.0	37.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.44	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl F3		Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 46.3 dB(A)		Leq,d 47.4 dB(A)		Leq,e 45.7 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-6.3	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-4.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-5.7	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-6.3	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-4.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-5.7	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-10.3	1.2	33.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-8.0	0.0	35.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-9.7	0.0	33.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	124.60	-52.9	-2.8	-5.5	-1.0		0.0	2.6	40.4	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	124.60	-52.9	-2.8	-5.5	-1.0		0.0	2.6	40.4	0.0	-4.0	0.0	36.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	124.60	-52.9	-2.8	-5.5	-1.0		0.0	2.6	40.4	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	124.60	-52.9	-2.8	-5.5	-1.0		0.0	2.6	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-6.3	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-4.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-5.7	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-9.3	1.2	34.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-7.0	0.0	36.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-8.8	0.0	34.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-5.4	1.2	38.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-3.0	0.0	40.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-4.8	0.0	38.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-5.4	1.2	38.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-3.0	0.0	40.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-4.8	0.0	38.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.59	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R10 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 33.8 dB(A) Leq,d 35.0 dB(A) Leq,e 33.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-6.3	1.2	24.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-4.0	0.0	26.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-5.7	0.0	24.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-6.3	1.2	24.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-4.0	0.0	26.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-5.7	0.0	24.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-10.3	1.2	20.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-8.0	0.0	22.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-9.7	0.0	20.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	164.25	-55.3	-3.0	-16.0	-0.5		0.0	6.1	31.4	0.0	-6.3	1.2	26.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	164.25	-55.3	-3.0	-16.0	-0.5		0.0	6.1	31.4	0.0	-4.0	0.0	27.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	164.25	-55.3	-3.0	-16.0	-0.5		0.0	6.1	31.4	0.0	-5.7	0.0	25.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	164.25	-55.3	-3.0	-16.0	-0.5		0.0	6.1	31.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-6.3	1.2	24.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-4.0	0.0	26.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-5.7	0.0	24.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-9.3	1.2	21.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-7.0	0.0	23.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-8.8	0.0	21.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-5.4	1.2	25.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-3.0	0.0	27.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-4.8	0.0	25.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-5.4	1.2	25.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-3.0	0.0	27.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-4.8	0.0	25.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl F2		Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 34.0 dB(A)		Leq,d 35.2 dB(A)		Leq,e 33.5 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-6.3	1.2	25.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-4.0	0.0	26.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-5.7	0.0	24.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-6.3	1.2	25.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-4.0	0.0	26.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-5.7	0.0	24.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-10.3	1.2	21.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-8.0	0.0	22.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-9.7	0.0	20.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	164.30	-55.3	-3.0	-16.4	-0.5		0.0	6.6	31.4	0.0	-6.3	1.2	26.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	164.30	-55.3	-3.0	-16.4	-0.5		0.0	6.6	31.4	0.0	-4.0	0.0	27.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	164.30	-55.3	-3.0	-16.4	-0.5		0.0	6.6	31.4	0.0	-5.7	0.0	25.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	164.30	-55.3	-3.0	-16.4	-0.5		0.0	6.6	31.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-6.3	1.2	25.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-4.0	0.0	26.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-5.7	0.0	24.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-9.3	1.2	22.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-7.0	0.0	23.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-8.8	0.0	21.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-5.4	1.2	26.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-3.0	0.0	27.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-4.8	0.0	25.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-5.4	1.2	26.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-3.0	0.0	27.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-4.8	0.0	25.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.30	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl F3		Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 34.4 dB(A)		Leq,d 35.6 dB(A)		Leq,e 33.8 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-6.3	1.2	25.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-4.0	0.0	26.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-5.7	0.0	25.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-6.3	1.2	25.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-4.0	0.0	26.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-5.7	0.0	25.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-10.3	1.2	21.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-8.0	0.0	22.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-9.7	0.0	21.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	164.41	-55.3	-2.9	-16.3	-0.5		0.0	6.5	31.5	0.0	-6.3	1.2	26.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	164.41	-55.3	-2.9	-16.3	-0.5		0.0	6.5	31.5	0.0	-4.0	0.0	27.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	164.41	-55.3	-2.9	-16.3	-0.5		0.0	6.5	31.5	0.0	-5.7	0.0	25.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	164.41	-55.3	-2.9	-16.3	-0.5		0.0	6.5	31.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-6.3	1.2	25.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-4.0	0.0	26.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-5.7	0.0	25.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-9.3	1.2	22.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-7.0	0.0	23.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-8.8	0.0	22.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-5.4	1.2	26.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-3.0	0.0	27.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-4.8	0.0	26.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-5.4	1.2	26.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-3.0	0.0	27.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-4.8	0.0	26.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl G		Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 45.4 dB(A)		Leq,d 46.6 dB(A)		Leq,e 44.8 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-6.3	1.2	37.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-4.0	0.0	38.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-5.7	0.0	36.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-6.3	1.2	37.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-4.0	0.0	38.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-5.7	0.0	36.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-10.3	1.2	33.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-8.0	0.0	34.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-9.7	0.0	32.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	142.31	-54.1	-3.5	-4.1	-1.3		0.0	2.6	39.7	0.0	-6.3	1.2	34.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	142.31	-54.1	-3.5	-4.1	-1.3		0.0	2.6	39.7	0.0	-4.0	0.0	35.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	142.31	-54.1	-3.5	-4.1	-1.3		0.0	2.6	39.7	0.0	-5.7	0.0	33.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	142.31	-54.1	-3.5	-4.1	-1.3		0.0	2.6	39.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-6.3	1.2	37.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-4.0	0.0	38.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-5.7	0.0	36.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-9.3	1.2	34.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-7.0	0.0	35.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-8.8	0.0	33.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-5.4	1.2	37.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-3.0	0.0	39.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-4.8	0.0	37.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-5.4	1.2	37.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-3.0	0.0	39.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-4.8	0.0	37.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 46.5 dB(A) Leq,d 47.7 dB(A) Leq,e 45.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-4.0	0.0	39.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-4.0	0.0	39.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-10.3	1.2	34.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-8.0	0.0	35.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-9.7	0.0	33.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	142.34	-54.1	-2.9	-4.0	-1.2		0.0	2.8	40.7	0.0	-6.3	1.2	35.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	142.34	-54.1	-2.9	-4.0	-1.2		0.0	2.8	40.7	0.0	-4.0	0.0	36.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	142.34	-54.1	-2.9	-4.0	-1.2		0.0	2.8	40.7	0.0	-5.7	0.0	35.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	142.34	-54.1	-2.9	-4.0	-1.2		0.0	2.8	40.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-4.0	0.0	39.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-9.3	1.2	35.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-7.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-8.8	0.0	34.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-5.4	1.2	39.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-3.0	0.0	40.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-4.8	0.0	38.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-5.4	1.2	39.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-3.0	0.0	40.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-4.8	0.0	38.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 48.1 dB(A) Leq,d 49.3 dB(A) Leq,e 47.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-6.3	1.2	39.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-4.0	0.0	40.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-5.7	0.0	39.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-6.3	1.2	39.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-4.0	0.0	40.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-5.7	0.0	39.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-10.3	1.2	35.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-8.0	0.0	36.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-9.7	0.0	35.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	142.42	-54.1	-2.9	-3.1	-1.2		0.0	2.9	41.7	0.0	-6.3	1.2	36.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	142.42	-54.1	-2.9	-3.1	-1.2		0.0	2.9	41.7	0.0	-4.0	0.0	37.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	142.42	-54.1	-2.9	-3.1	-1.2		0.0	2.9	41.7	0.0	-5.7	0.0	35.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	142.42	-54.1	-2.9	-3.1	-1.2		0.0	2.9	41.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-6.3	1.2	39.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-4.0	0.0	40.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-5.7	0.0	39.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-9.3	1.2	36.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-7.0	0.0	37.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-8.8	0.0	36.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-5.4	1.2	40.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-3.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-4.8	0.0	40.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-5.4	1.2	40.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-3.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-4.8	0.0	40.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 48.7 dB(A) Leq,d 49.9 dB(A) Leq,e 48.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-6.3	1.2	40.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-4.0	0.0	41.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-5.7	0.0	39.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-6.3	1.2	40.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-4.0	0.0	41.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-5.7	0.0	39.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-10.3	1.2	36.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-8.0	0.0	37.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-9.7	0.0	35.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	142.57	-54.1	-2.8	-2.6	-1.1		0.0	2.8	42.1	0.0	-6.3	1.2	37.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	142.57	-54.1	-2.8	-2.6	-1.1		0.0	2.8	42.1	0.0	-4.0	0.0	38.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	142.57	-54.1	-2.8	-2.6	-1.1		0.0	2.8	42.1	0.0	-5.7	0.0	36.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	142.57	-54.1	-2.8	-2.6	-1.1		0.0	2.8	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-6.3	1.2	40.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-4.0	0.0	41.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-5.7	0.0	39.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-9.3	1.2	37.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-7.0	0.0	38.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-8.8	0.0	36.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-5.4	1.2	41.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-3.0	0.0	42.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-4.8	0.0	40.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-5.4	1.2	41.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-3.0	0.0	42.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-4.8	0.0	40.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F5	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 49.1 dB(A)	Leq,d 50.3 dB(A)	Leq,e 48.5 dB(A)	Leq,n dB(A)										
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-6.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-4.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-5.7	0.0	40.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-6.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-4.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-5.7	0.0	40.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-10.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-8.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-9.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	142.78	-54.1	-2.8	-2.3	-1.2		0.0	2.9	42.5	0.0	-6.3	1.2	37.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	142.78	-54.1	-2.8	-2.3	-1.2		0.0	2.9	42.5	0.0	-4.0	0.0	38.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	142.78	-54.1	-2.8	-2.3	-1.2		0.0	2.9	42.5	0.0	-5.7	0.0	36.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	142.78	-54.1	-2.8	-2.3	-1.2		0.0	2.9	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-6.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-4.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-5.7	0.0	40.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-9.3	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-7.0	0.0	38.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-8.8	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-5.4	1.2	41.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-3.0	0.0	42.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-4.8	0.0	41.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-5.4	1.2	41.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-3.0	0.0	42.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-4.8	0.0	41.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R12 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 45.1 dB(A) Leq,d 46.3 dB(A) Leq,e 44.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-10.3	1.2	32.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-8.0	0.0	34.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-9.7	0.0	32.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	176.19	-55.9	-3.5	-4.4	-1.5		0.0	3.2	37.9	0.0	-6.3	1.2	32.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	176.19	-55.9	-3.5	-4.4	-1.5		0.0	3.2	37.9	0.0	-4.0	0.0	34.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	176.19	-55.9	-3.5	-4.4	-1.5		0.0	3.2	37.9	0.0	-5.7	0.0	32.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	176.19	-55.9	-3.5	-4.4	-1.5		0.0	3.2	37.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-9.3	1.2	33.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-7.0	0.0	34.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-8.8	0.0	33.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-5.4	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-3.0	0.0	38.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-4.8	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-5.4	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-3.0	0.0	38.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-4.8	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R12 School		Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 46.0 dB(A)		Leq,d 47.1 dB(A)		Leq,e 45.4 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-5.7	0.0	37.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-5.7	0.0	37.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-10.3	1.2	33.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-8.0	0.0	34.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-9.7	0.0	33.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	176.23	-55.9	-2.9	-4.2	-1.4		0.0	3.6	39.1	0.0	-6.3	1.2	34.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	176.23	-55.9	-2.9	-4.2	-1.4		0.0	3.6	39.1	0.0	-4.0	0.0	35.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	176.23	-55.9	-2.9	-4.2	-1.4		0.0	3.6	39.1	0.0	-5.7	0.0	33.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	176.23	-55.9	-2.9	-4.2	-1.4		0.0	3.6	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-5.7	0.0	37.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-9.3	1.2	34.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-7.0	0.0	35.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-8.8	0.0	34.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-5.4	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-3.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-4.8	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-5.4	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-3.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-4.8	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R13 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.0 dB(A) Leq,d 43.1 dB(A) Leq,e 41.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.49	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-6.3	1.2	33.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.49	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-4.0	0.0	34.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.49	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-5.7	0.0	33.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.49	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-6.3	1.2	33.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-4.0	0.0	34.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-5.7	0.0	33.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-10.3	1.2	29.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-8.0	0.0	30.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-9.7	0.0	29.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	167.48	-55.5	-3.5	-6.7	-1.3		0.0	2.2	35.2	0.0	-6.3	1.2	30.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	167.48	-55.5	-3.5	-6.7	-1.3		0.0	2.2	35.2	0.0	-4.0	0.0	31.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	167.48	-55.5	-3.5	-6.7	-1.3		0.0	2.2	35.2	0.0	-5.7	0.0	29.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	167.48	-55.5	-3.5	-6.7	-1.3		0.0	2.2	35.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-6.3	1.2	33.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-4.0	0.0	34.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-5.7	0.0	33.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-9.3	1.2	30.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-7.0	0.0	31.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-8.8	0.0	30.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-5.4	1.2	34.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-3.0	0.0	35.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-4.8	0.0	34.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-5.4	1.2	34.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-3.0	0.0	35.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-4.8	0.0	34.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R13 School		Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 42.7 dB(A)		Leq,d 43.9 dB(A)		Leq,e 42.1 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-6.3	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-5.7	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-6.3	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-5.7	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-10.3	1.2	30.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-8.0	0.0	31.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-9.7	0.0	29.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	167.50	-55.5	-2.9	-6.7	-1.2		0.0	2.5	36.2	0.0	-6.3	1.2	31.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	167.50	-55.5	-2.9	-6.7	-1.2		0.0	2.5	36.2	0.0	-4.0	0.0	32.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	167.50	-55.5	-2.9	-6.7	-1.2		0.0	2.5	36.2	0.0	-5.7	0.0	30.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	167.50	-55.5	-2.9	-6.7	-1.2		0.0	2.5	36.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-6.3	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-5.7	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-9.3	1.2	31.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-7.0	0.0	32.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-8.8	0.0	30.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-5.4	1.2	35.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-3.0	0.0	36.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-4.8	0.0	34.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-5.4	1.2	35.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-3.0	0.0	36.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-4.8	0.0	34.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R14 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 25.8 dB(A) Leq,d 27.0 dB(A) Leq,e 25.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-10.3	1.2	13.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-8.0	0.0	14.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-9.7	0.0	12.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	187.82	-56.5	-3.5	-20.2	-0.8		0.0	0.9	19.9	0.0	-6.3	1.2	14.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	187.82	-56.5	-3.5	-20.2	-0.8		0.0	0.9	19.9	0.0	-4.0	0.0	15.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	187.82	-56.5	-3.5	-20.2	-0.8		0.0	0.9	19.9	0.0	-5.7	0.0	14.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	187.82	-56.5	-3.5	-20.2	-0.8		0.0	0.9	19.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-9.3	1.2	14.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-7.0	0.0	15.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-8.8	0.0	13.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-5.4	1.2	18.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-3.0	0.0	19.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-4.8	0.0	17.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-5.4	1.2	18.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-3.0	0.0	19.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-4.8	0.0	17.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R14 School Church Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 25.8 dB(A) Leq,d 27.0 dB(A) Leq,e 25.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-10.3	1.2	13.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-8.0	0.0	14.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-9.7	0.0	12.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	187.84	-56.5	-2.9	-20.6	-0.8		0.0	0.9	20.1	0.0	-6.3	1.2	15.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	187.84	-56.5	-2.9	-20.6	-0.8		0.0	0.9	20.1	0.0	-4.0	0.0	16.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	187.84	-56.5	-2.9	-20.6	-0.8		0.0	0.9	20.1	0.0	-5.7	0.0	14.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	187.84	-56.5	-2.9	-20.6	-0.8		0.0	0.9	20.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-9.3	1.2	14.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-7.0	0.0	15.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-8.8	0.0	13.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-5.4	1.2	18.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-3.0	0.0	19.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-4.8	0.0	17.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-5.4	1.2	18.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-3.0	0.0	19.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-4.8	0.0	17.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.85	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R14 School Church Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 26.1 dB(A) Leq,d 27.3 dB(A) Leq,e 25.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-6.3	1.2	17.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-4.0	0.0	18.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-5.7	0.0	17.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-6.3	1.2	17.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-4.0	0.0	18.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-5.7	0.0	17.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-10.3	1.2	13.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-8.0	0.0	14.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-9.7	0.0	13.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	187.91	-56.5	-3.0	-20.3	-0.8		0.0	0.9	20.3	0.0	-6.3	1.2	15.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	187.91	-56.5	-3.0	-20.3	-0.8		0.0	0.9	20.3	0.0	-4.0	0.0	16.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	187.91	-56.5	-3.0	-20.3	-0.8		0.0	0.9	20.3	0.0	-5.7	0.0	14.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	187.91	-56.5	-3.0	-20.3	-0.8		0.0	0.9	20.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-6.3	1.2	17.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-4.0	0.0	18.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-5.7	0.0	17.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-9.3	1.2	14.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-7.0	0.0	15.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-8.8	0.0	14.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-5.4	1.2	18.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-3.0	0.0	19.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-4.8	0.0	18.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-5.4	1.2	18.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-3.0	0.0	19.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-4.8	0.0	18.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R14 School Church Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 27.4 dB(A) Leq,d 28.6 dB(A) Leq,e 26.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-6.3	1.2	19.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-4.0	0.0	20.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-5.7	0.0	18.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-6.3	1.2	19.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-4.0	0.0	20.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-5.7	0.0	18.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-10.3	1.2	15.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-8.0	0.0	16.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-9.7	0.0	14.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	188.02	-56.5	-2.9	-19.5	-0.7		0.0	0.9	21.4	0.0	-6.3	1.2	16.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	188.02	-56.5	-2.9	-19.5	-0.7		0.0	0.9	21.4	0.0	-4.0	0.0	17.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	188.02	-56.5	-2.9	-19.5	-0.7		0.0	0.9	21.4	0.0	-5.7	0.0	15.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	188.02	-56.5	-2.9	-19.5	-0.7		0.0	0.9	21.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-6.3	1.2	19.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-4.0	0.0	20.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-5.7	0.0	18.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-9.3	1.2	16.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-7.0	0.0	17.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-8.8	0.0	15.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-5.4	1.2	20.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-3.0	0.0	21.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-4.8	0.0	19.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-5.4	1.2	20.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-3.0	0.0	21.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-4.8	0.0	19.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R15 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 26.3 dB(A) Leq,d 27.5 dB(A) Leq,e 25.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-6.3	1.2	17.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-4.0	0.0	19.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-5.7	0.0	17.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-6.3	1.2	17.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-4.0	0.0	19.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-5.7	0.0	17.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-10.3	1.2	13.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-8.0	0.0	15.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-9.7	0.0	13.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	196.43	-56.9	-3.5	-18.6	-0.6		0.0	0.3	20.7	0.0	-6.3	1.2	15.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	196.43	-56.9	-3.5	-18.6	-0.6		0.0	0.3	20.7	0.0	-4.0	0.0	16.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	196.43	-56.9	-3.5	-18.6	-0.6		0.0	0.3	20.7	0.0	-5.7	0.0	14.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	196.43	-56.9	-3.5	-18.6	-0.6		0.0	0.3	20.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-6.3	1.2	17.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-4.0	0.0	19.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-5.7	0.0	17.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-9.3	1.2	14.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-7.0	0.0	16.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-8.8	0.0	14.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-5.4	1.2	18.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-3.0	0.0	20.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-4.8	0.0	18.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-5.4	1.2	18.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-3.0	0.0	20.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-4.8	0.0	18.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.43	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			

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Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R15 School		Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 28.3 dB(A)		Leq,d 29.4 dB(A)		Leq,e 27.7 dB(A)		Leq,n dB(A)						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-6.3	1.2	19.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-4.0	0.0	21.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-5.7	0.0	19.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-6.3	1.2	19.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-4.0	0.0	21.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-5.7	0.0	19.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-10.3	1.2	15.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-8.0	0.0	17.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-9.7	0.0	15.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	196.49	-56.9	-2.9	-17.8	-0.5		0.0	0.4	22.3	0.0	-6.3	1.2	17.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	196.49	-56.9	-2.9	-17.8	-0.5		0.0	0.4	22.3	0.0	-4.0	0.0	18.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	196.49	-56.9	-2.9	-17.8	-0.5		0.0	0.4	22.3	0.0	-5.7	0.0	16.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	196.49	-56.9	-2.9	-17.8	-0.5		0.0	0.4	22.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-6.3	1.2	19.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-4.0	0.0	21.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-5.7	0.0	19.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-9.3	1.2	16.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-7.0	0.0	18.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-8.8	0.0	16.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-5.4	1.2	20.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-3.0	0.0	22.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-4.8	0.0	20.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-5.4	1.2	20.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-3.0	0.0	22.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-4.8	0.0	20.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.49	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 43.5 dB(A) Leq,d 44.7 dB(A) Leq,e 42.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-10.3	1.2	31.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-8.0	0.0	32.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-9.7	0.0	30.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	199.90	-57.0	-3.5	-1.6	-2.0		0.0	0.9	36.7	0.0	-6.3	1.2	31.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	199.90	-57.0	-3.5	-1.6	-2.0		0.0	0.9	36.7	0.0	-4.0	0.0	32.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	199.90	-57.0	-3.5	-1.6	-2.0		0.0	0.9	36.7	0.0	-5.7	0.0	31.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	199.90	-57.0	-3.5	-1.6	-2.0		0.0	0.9	36.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-9.3	1.2	32.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-7.0	0.0	33.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-8.8	0.0	31.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-5.4	1.2	36.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-3.0	0.0	37.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-4.8	0.0	35.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-5.4	1.2	36.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-3.0	0.0	37.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-4.8	0.0	35.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 41.9 dB(A) Leq,d 43.1 dB(A) Leq,e 41.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-6.3	1.2	33.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-4.0	0.0	34.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-5.7	0.0	32.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-6.3	1.2	33.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-4.0	0.0	34.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-5.7	0.0	32.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-10.3	1.2	29.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-8.0	0.0	30.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-9.7	0.0	28.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	190.53	-56.6	-3.5	-4.5	-1.8		0.0	2.7	36.4	0.0	-6.3	1.2	31.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	190.53	-56.6	-3.5	-4.5	-1.8		0.0	2.7	36.4	0.0	-4.0	0.0	32.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	190.53	-56.6	-3.5	-4.5	-1.8		0.0	2.7	36.4	0.0	-5.7	0.0	30.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	190.53	-56.6	-3.5	-4.5	-1.8		0.0	2.7	36.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-6.3	1.2	33.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-4.0	0.0	34.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-5.7	0.0	32.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-9.3	1.2	30.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-7.0	0.0	31.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-8.8	0.0	29.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-5.4	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-3.0	0.0	35.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-4.8	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-5.4	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-3.0	0.0	35.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-4.8	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Building Construction and Paving

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.4 dB(A) Leq,d 43.6 dB(A) Leq,e 41.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-6.3	1.2	34.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-4.0	0.0	35.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-5.7	0.0	33.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-6.3	1.2	34.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-4.0	0.0	35.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-5.7	0.0	33.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-10.3	1.2	30.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-8.0	0.0	31.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-9.7	0.0	29.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	0	188.53	-56.5	-3.5	-8.1	-1.4		0.0	5.2	35.7	0.0	-6.3	1.2	30.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	0	188.53	-56.5	-3.5	-8.1	-1.4		0.0	5.2	35.7	0.0	-4.0	0.0	31.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	0	188.53	-56.5	-3.5	-8.1	-1.4		0.0	5.2	35.7	0.0	-5.7	0.0	29.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	0	188.53	-56.5	-3.5	-8.1	-1.4		0.0	5.2	35.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-6.3	1.2	34.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-4.0	0.0	35.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-5.7	0.0	33.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-9.3	1.2	31.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-7.0	0.0	32.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-8.8	0.0	30.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-5.4	1.2	35.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-3.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-4.8	0.0	34.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-5.4	1.2	35.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-3.0	0.0	36.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-4.8	0.0	34.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			

515 S Virgil Construction Noise
Hourly sound power level in dB(A) - Virgil Construction - Building Construction and Paving

Name	0-1 o'clock dB(A)	1-2 o'clock dB(A)	2-3 o'clock dB(A)	3-4 o'clock dB(A)	4-5 o'clock dB(A)	5-6 o'clock dB(A)	6-7 o'clock dB(A)	7-8 o'clock dB(A)	8-9 o'clock dB(A)	9-10 o'clock dB(A)	10-11 o'clock dB(A)	11-12 o'clock dB(A)	12-13 o'clock dB(A)	13-14 o'clock dB(A)	14-15 o'clock dB(A)	15-16 o'clock dB(A)	16-17 o'clock dB(A)	17-18 o'clock dB(A)	18-19 o'clock dB(A)	19-20 o'clock dB(A)	20-21 o'clock dB(A)	21-22 o'clock dB(A)	22-23 o'clock dB(A)	23-24 o'clock dB(A)
Concrete Mixer Truck								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Concrete Mixer Truck								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Crane								92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1			
Forklift								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Loader								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Paver								93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0			
Pump								97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0			
Pump								97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0			

515 S Virgil Construction Noise
Run info
Virgil Construction - Grading Shoring

Project info

Project title: 515 S Virgil Construction Noise
Project No.: 199109001
Project engineer:
Customer:

Description:

Run description

Calculation type: Single Point Sound
Title: Virgil Construction - Grading Shoring
Calculation group
Run file: RunFile.runx
Result number: 5
Local calculation (ThreadCount=22)
Calculation start: 5/21/2026 10:06:19 AM
Calculation end: 5/21/2026 10:06:25 AM
Calculation time: 00:02:509 [m:s:ms]
No. of points: 24
No. of calculated points: 24
Kernel version: SoundPLANnoise 9.0 (1/16/2024) - 64 bit

Run parameters

Reflection order: 3
Maximum reflection distance to receiver 200 m
Maximum reflection distance to source 50 m
Search radius 5000 m
Weighting: dB(A)
Allowed tolerance (per individual source): 0.100 dB
Create ground effect areas from road surfaces: Yes
Treat roads as terrain following: No

Standards:
- Industry: ISO 9613-2: 1996
- Air absorption: ISO 9613-1
- regular ground effect (chapter 7.3.1), for sources without a spectrum automatically alternative ground effect
- Limitation of screening loss:
  - single/multiple 20.0 dB /25.0 dB
- Side diffraction: ISO/TR 17534-3:2015 compliant: no side diffraction if terrain blocks line of sight
- Use Eqn (Abar=Dz-Max(Agr,0)) instead of Eqn (12) (Abar=Dz-Agr) for insertion loss
- Environment:
  - Air pressure 1013.3 mbar
  - rel. humidity 70.0 %
  - Temperature 10.0 °C
  - Meteo. corr. C0(7-22h)[dB]=0.0; C0(22-7h)[dB]=0.0;
  - Ignore Cmet for Lmax industry calculation: No

Parameter for screening: C2=20.0
Dissection parameters:
- Distance to diameter factor: 8
- Minimal distance: 1 m
- Max. difference ground effect + diffraction: 1.0 dB
- Max. number of iterations: 4

Attenuation
- Foliage: ISO 9613-2
- Built-up area: ISO 9613-2
- Industrial site: ISO 9613-2

Assessment: Leq
Reflection of "own" facade is suppressed

Geometry data

Construction - Grading Shoring.sit 5/21/2026 10:05:52 AM
- contains:
  - Calculation Area.geo 5/21/2026 9:55:36 AM
  - Imported elevation points1.geo 10/2/2025 3:11:10 PM
  - OSM_Attenuation Area.geo 9/29/2025 1:44:26 PM
  - OSM_Building.geo 10/2/2025 4:23:38 PM
  - OSM_Elevation point.geo 10/2/2025 4:20:20 PM
  - OSM_Ground effects.geo 9/29/2025 1:44:26 PM
  - OSM_Noise Barrier_Wall.geo 9/29/2025 1:44:26 PM
  - Receivers.geo 5/21/2026 9:28:20 AM
  - Shoring and Grading.geo 5/21/2026 10:05:52 AM

515 S Virgil Construction Noise
Assessed receiver levels
Virgil Construction - Grading Shoring

2

Receiver	Usage	Fl	Dir	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr dB(A)	Lr,lim dB(A)	
R1 Residential	GR	G					60.6		
		F2					62.0		
		F3					62.7		
		F4					63.1		
R2 Residential	GR	G					57.2		
		F2					58.0		
R2 Residential	GR	G					59.0		
		F2					60.2		
		F3					61.1		
		F4					61.3		
R2 Residential	GR	G					55.3		
		F2					56.1		
		F3					56.9		
		F4					57.6		
R2 Residential	GR	G					59.0		
		F2					60.2		
R3 Residential	GR	G					41.8		
		F2					42.3		
		F3					42.9		
		F4					43.6		
R3 Residential	GR	G					42.2		
		F2					42.5		
R4 School	SCH	G					47.7		
		F2					49.2		
		F3					51.4		
R5 Residential	GR	G					30.2		
		F2					30.4		
		F3					30.9		
		F4					31.6		
R5 Residential	GR	G					46.1		
		F2					46.6		
		F3					44.8		
		F4					45.3		
		F5					45.9		
		F6					46.9		
R6 Residential	GR	G					51.1		
		F2					51.6		
R7 School	SCH	G					42.4		
R8 Residential	GR	G					49.9		
		F2					50.5		
		F3					51.2		
		F4					51.7		

515 S Virgil Construction Noise
Assessed receiver levels
Virgil Construction - Grading Shoring

2

Receiver	Usage	Fl	Dir	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr dB(A)	Lr,lim dB(A)	
		F5					52.2		
		F6					52.7		
		F7					53.2		
R9 School	SCH	G					50.1		
		F2					50.7		
		F3					51.3		
		F4					52.1		
R10 Residential	GR	G					46.7		
		F2					47.2		
		F3					47.6		
R10 Residential	GR	G					33.2		
		F2					33.5		
		F3					33.8		
R11 Residential	GR	G					44.7		
		F2					46.1		
		F3					47.5		
		F4					48.1		
		F5					48.7		
R12 School	SCH	G					44.5		
		F2					45.4		
R13 School	SCH	G					43.1		
		F2					43.8		
R14 School Church	SCH	G					25.8		
		F2					25.8		
		F3					26.2		
		F4					27.7		
R15 School	SCH	G					25.9		
		F2					27.8		
R16 School Church	SCH	G					43.7		
R16 School Church	SCH	G					42.7		
R16 School Church	SCH	G					42.1		

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Receiver R1 Residential	Fl G	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 60.6 dB(A)	Lr,lim dB(A)	Leq,d 61.8
Lr	38.0	38.0	33.9	60.2	45.9	47.1	40.9	31.9	
Leq,d	39.2	39.2	35.0	61.3	47.0	48.3	42.1	33.1	
Leq,e	37.4	37.4	33.3	59.6	45.3	46.5	40.3	31.3	
Leq,n									
Receiver R1 Residential	Fl F2	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 62.0 dB(A)	Lr,lim dB(A)	Leq,d 63.
Lr	37.6	36.8	36.8	61.6	46.2	47.1	40.8	31.8	
Leq,d	38.7	37.9	38.0	62.8	47.4	48.2	42.0	33.0	
Leq,e	37.0	36.2	36.2	61.0	45.6	46.5	40.3	31.3	
Leq,n									
Receiver R1 Residential	Fl F3	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 62.7 dB(A)	Lr,lim dB(A)	Leq,d 63.
Lr	37.5	37.3	37.6	62.4	46.2	47.0	40.8	31.7	
Leq,d	38.7	38.5	38.8	63.6	47.3	48.2	41.9	32.9	
Leq,e	36.9	36.7	37.0	61.9	45.6	46.4	40.2	31.1	
Leq,n									
Receiver R1 Residential	Fl F4	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 63.1 dB(A)	Lr,lim dB(A)	Leq,d 64.
Lr	37.4	38.1	37.5	62.8	46.0	46.9	40.6	31.5	
Leq,d	38.6	39.3	38.7	64.0	47.2	48.1	41.8	32.6	
Leq,e	36.8	37.5	36.9	62.2	45.4	46.3	40.0	30.9	
Leq,n									
Receiver R2 Residential	Fl G	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 57.2 dB(A)	Lr,lim dB(A)	Leq,d 58.3
Lr	35.4	35.2	29.4	56.7	42.2	43.8	37.1	27.0	
Leq,d	36.6	36.4	30.6	57.9	43.3	45.0	38.3	28.2	
Leq,e	34.8	34.7	28.8	56.1	41.6	43.2	36.5	26.4	
Leq,n									
Receiver R2 Residential	Fl F2	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 58.0 dB(A)	Lr,lim dB(A)	Leq,d 59.
Lr	34.7	33.8	33.0	57.6	42.6	43.8	37.1	27.0	
Leq,d	35.8	35.0	34.1	58.8	43.8	44.9	38.3	28.2	
Leq,e	34.1	33.2	32.4	57.1	42.0	43.2	36.5	26.4	
Leq,n									
Receiver R2 Residential	Fl G	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 59.0 dB(A)	Lr,lim dB(A)	Leq,d 60.2
Lr	36.8	36.8	32.3	58.6	44.2	45.5	39.1	29.9	
Leq,d	38.0	38.0	33.4	59.7	45.4	46.7	40.3	31.1	
Leq,e	36.3	36.2	31.7	58.0	43.6	44.9	38.5	29.3	
Leq,n									
Receiver R2 Residential	Fl F2	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 60.2 dB(A)	Lr,lim dB(A)	Leq,d 61.
Lr	36.2	35.5	35.3	59.8	44.6	45.5	39.0	29.8	
Leq,d	37.4	36.7	36.5	61.0	45.7	46.6	40.2	31.0	
Leq,e	35.7	34.9	34.8	59.3	44.0	44.9	38.5	29.2	
Leq,n									
Receiver R2 Residential	Fl F3	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 61.1 dB(A)	Lr,lim dB(A)	Leq,d 62.

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Lr	36.2	36.1	36.2	60.8	44.5	45.4	39.0	29.7	
Leq,d	37.3	37.3	37.4	61.9	45.7	46.6	40.1	30.9	
Leq,e	35.6	35.5	35.6	60.2	43.9	44.8	38.4	29.1	
Leq,n									
Receiver R2 Residential Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 61.3 dB(A)	Lr,lim dB(A)		Leq,d 62.
Lr	36.1	37.0	36.1	61.1	44.4	45.3	38.8	29.5	
Leq,d	37.2	38.2	37.3	62.2	45.6	46.4	40.0	30.7	
Leq,e	35.5	36.4	35.5	60.5	43.8	44.7	38.2	28.9	
Leq,n									
Receiver R2 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 55.3 dB(A)	Lr,lim dB(A)		Leq,d 56.5
Lr	33.8	33.1	27.0	54.9	40.0	41.7	35.0	24.7	
Leq,d	35.0	34.3	28.2	56.0	41.2	42.9	36.2	25.8	
Leq,e	33.2	32.6	26.5	54.3	39.5	41.2	34.5	24.1	
Leq,n									
Receiver R2 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 56.1 dB(A)	Lr,lim dB(A)		Leq,d 57.
Lr	32.9	31.7	30.8	55.7	40.5	41.7	35.0	24.6	
Leq,d	34.1	32.8	31.9	56.9	41.7	42.9	36.2	25.8	
Leq,e	32.3	31.1	30.2	55.1	39.9	41.1	34.4	24.0	
Leq,n									
Receiver R2 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 56.9 dB(A)	Lr,lim dB(A)		Leq,d 58.
Lr	32.8	32.4	31.8	56.6	40.5	41.7	35.0	24.5	
Leq,d	34.0	33.6	33.0	57.8	41.6	42.9	36.2	25.7	
Leq,e	32.3	31.8	31.2	56.0	39.9	41.1	34.4	23.9	
Leq,n									
Receiver R2 Residential Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 57.6 dB(A)	Lr,lim dB(A)		Leq,d 58.
Lr	32.8	33.5	31.8	57.3	40.4	41.6	34.9	24.4	
Leq,d	34.0	34.7	33.0	58.5	41.6	42.8	36.1	25.6	
Leq,e	32.2	32.9	31.2	56.7	39.8	41.0	34.3	23.8	
Leq,n									
Receiver R2 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 59.0 dB(A)	Lr,lim dB(A)		Leq,d 60.2
Lr	36.9	36.8	32.3	58.6	44.2	45.4	39.1	30.0	
Leq,d	38.1	38.0	33.5	59.7	45.4	46.6	40.3	31.1	
Leq,e	36.3	36.2	31.7	58.0	43.6	44.8	38.5	29.4	
Leq,n									
Receiver R2 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 60.2 dB(A)	Lr,lim dB(A)		Leq,d 61.
Lr	36.3	35.5	35.4	59.9	44.6	45.4	39.0	29.9	
Leq,d	37.5	36.7	36.5	61.0	45.7	46.6	40.2	31.1	
Leq,e	35.7	34.9	34.8	59.3	44.0	44.8	38.5	29.3	
Leq,n									
Receiver R3 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)			Lr 41.8 dB(A)	Lr,lim dB(A)		Leq,d 43.
Lr	18.9	14.0	14.5	41.6	22.9	24.1	16.8	-0.7	

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,d	20.1	15.1	15.7	42.8	24.1	25.3	17.9	0.5	
Leq,e	18.3	13.4	13.9	41.0	22.3	23.5	16.2	-1.3	
Leq,n									
Receiver R3 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.3 dB(A)	Lr,lim dB(A)	Leq,d 43			
Lr	17.9	14.4	15.7	42.1	23.4	24.1	16.8	-0.7	
Leq,d	19.1	15.6	16.9	43.3	24.6	25.3	17.9	0.5	
Leq,e	17.3	13.9	15.2	41.5	22.8	23.5	16.2	-1.3	
Leq,n									
Receiver R3 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.9 dB(A)	Lr,lim dB(A)	Leq,d 44			
Lr	18.8	15.8	17.2	42.7	23.6	24.1	16.7	-0.8	
Leq,d	19.9	17.0	18.4	43.9	24.7	25.3	17.9	0.4	
Leq,e	18.2	15.2	16.6	42.1	23.0	23.5	16.1	-1.3	
Leq,n									
Receiver R3 Residential Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 43.6 dB(A)	Lr,lim dB(A)	Leq,d 44			
Lr	19.6	17.1	18.7	43.4	24.1	24.2	16.7	-0.8	
Leq,d	20.8	18.3	19.8	44.6	25.2	25.3	17.9	0.4	
Leq,e	19.1	16.5	18.1	42.8	23.5	23.6	16.1	-1.4	
Leq,n									
Receiver R3 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.2 dB(A)	Lr,lim dB(A)	Leq,d 43.4			
Lr	18.6	14.0	13.9	41.9	25.4	27.2	21.4	3.8	
Leq,d	19.8	15.2	15.1	43.0	26.6	28.4	22.5	5.0	
Leq,e	18.0	13.4	13.3	41.3	24.8	26.6	20.8	3.2	
Leq,n									
Receiver R3 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.5 dB(A)	Lr,lim dB(A)	Leq,d 43.			
Lr	17.5	14.1	15.8	42.2	25.9	27.2	21.4	3.8	
Leq,d	18.7	15.3	17.0	43.3	27.1	28.4	22.5	5.0	
Leq,e	16.9	13.5	15.3	41.6	25.4	26.6	20.8	3.2	
Leq,n									
Receiver R4 School Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.7 dB(A)	Lr,lim dB(A)	Leq,d 48.9 dB			
Lr	27.4	26.5	20.1	47.4	28.5	34.0	26.4	12.9	
Leq,d	28.5	27.6	21.2	48.6	29.7	35.2	27.5	14.1	
Leq,e	26.8	25.9	19.5	46.8	27.9	33.4	25.8	12.4	
Leq,n									
Receiver R4 School Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 49.2 dB(A)	Lr,lim dB(A)	Leq,d 50.4 dE			
Lr	25.3	26.1	23.5	48.9	32.9	34.1	26.4	12.9	
Leq,d	26.5	27.3	24.7	50.1	34.1	35.3	27.6	14.1	
Leq,e	24.7	25.5	22.9	48.3	32.3	33.5	25.8	12.3	
Leq,n									
Receiver R4 School Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.4 dB(A)	Lr,lim dB(A)	Leq,d 52.6 dE			
Lr	25.3	26.3	27.0	51.2	34.9	34.9	27.0	13.2	
Leq,d	26.5	27.5	28.1	52.4	36.1	36.1	28.2	14.4	

515 S Virgil Construction Noise
Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,e	24.7	25.7	26.4	50.6	34.3	34.3	26.4	12.6	
Leq,n									
Receiver R5 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 30.2 dB(A)	Lr,lim dB(A)		Leq,d 31.4
Lr	14.7	9.4	8.7	29.8	14.3	13.3	3.7	-16.8	
Leq,d	15.9	10.6	9.8	30.9	15.5	14.5	4.9	-15.6	
Leq,e	14.1	8.8	8.1	29.2	13.7	12.7	3.1	-17.4	
Leq,n									
Receiver R5 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 30.4 dB(A)	Lr,lim dB(A)		Leq,d 31.
Lr	13.7	9.6	9.7	30.0	14.6	13.3	3.7	-16.8	
Leq,d	14.9	10.8	10.8	31.2	15.7	14.5	4.9	-15.7	
Leq,e	13.1	9.0	9.1	29.4	14.0	12.7	3.1	-17.4	
Leq,n									
Receiver R5 Residential Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 30.9 dB(A)	Lr,lim dB(A)		Leq,d 32.
Lr	13.6	10.5	10.6	30.5	14.6	13.4	3.7	-16.8	
Leq,d	14.8	11.7	11.8	31.7	15.8	14.5	4.9	-15.7	
Leq,e	13.1	9.9	10.0	29.9	14.0	12.8	3.1	-17.4	
Leq,n									
Receiver R5 Residential Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 31.6 dB(A)	Lr,lim dB(A)		Leq,d 32.
Lr	14.3	11.6	11.7	31.3	13.7	10.8	1.2	-18.2	
Leq,d	15.5	12.8	12.8	32.5	14.8	12.0	2.4	-17.0	
Leq,e	13.7	11.0	11.1	30.7	13.1	10.3	0.6	-18.7	
Leq,n									
Receiver R5 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.1 dB(A)	Lr,lim dB(A)		Leq,d 47.2
Lr	25.3	22.9	15.5	45.7	29.0	32.1	24.1	8.3	
Leq,d	26.5	24.1	16.7	46.9	30.2	33.2	25.3	9.5	
Leq,e	24.7	22.4	14.9	45.1	28.4	31.5	23.5	7.7	
Leq,n									
Receiver R5 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.6 dB(A)	Lr,lim dB(A)		Leq,d 47.
Lr	23.6	21.4	19.4	46.2	29.6	32.1	24.1	8.3	
Leq,d	24.7	22.5	20.6	47.4	30.8	33.2	25.2	9.5	
Leq,e	23.0	20.8	18.8	45.7	29.0	31.5	23.5	7.7	
Leq,n									
Receiver R5 Residential Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 44.8 dB(A)	Lr,lim dB(A)		Leq,d 46.
Lr	21.5	20.1	18.5	44.5	27.2	29.7	21.7	5.9	
Leq,d	22.7	21.3	19.6	45.7	28.4	30.9	22.9	7.1	
Leq,e	20.9	19.5	17.9	43.9	26.6	29.1	21.1	5.3	
Leq,n									
Receiver R5 Residential Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.3 dB(A)	Lr,lim dB(A)		Leq,d 46.
Lr	21.6	21.5	18.8	45.1	27.3	29.7	21.7	5.9	
Leq,d	22.8	22.7	19.9	46.2	28.4	30.9	22.8	7.0	
Leq,e	21.0	20.9	18.2	44.5	26.7	29.1	21.1	5.3	

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Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,n									
Receiver R5 Residential Fl F5	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.9 dB(A)	Lr,lim dB(A)		Leq,d 47.
Lr	21.7	21.7	19.0	45.6	27.4	29.6	21.6	5.8	
Leq,d	22.9	22.9	20.2	46.8	28.5	30.8	22.8	7.0	
Leq,e	21.2	21.1	18.5	45.0	26.8	29.0	21.0	5.2	
Leq,n									
Receiver R5 Residential Fl F6	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.9 dB(A)	Lr,lim dB(A)		Leq,d 48.
Lr	22.3	22.4	20.9	46.7	28.3	29.5	21.5	5.8	
Leq,d	23.4	23.5	22.1	47.8	29.4	30.7	22.7	6.9	
Leq,e	21.7	21.8	20.3	46.1	27.7	28.9	20.9	5.2	
Leq,n									
Receiver R6 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 51.1 dB(A)	Lr,lim dB(A)		Leq,d 52.3
Lr	30.8	29.0	19.0	50.8	31.1	37.4	29.6	15.5	
Leq,d	32.0	30.2	20.2	51.9	32.3	38.6	30.8	16.7	
Leq,e	30.2	28.4	18.5	50.2	30.5	36.9	29.0	14.9	
Leq,n									
Receiver R6 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 51.6 dB(A)	Lr,lim dB(A)		Leq,d 52.
Lr	28.6	27.8	22.8	51.2	35.5	37.4	29.6	15.5	
Leq,d	29.7	29.0	24.0	52.4	36.7	38.6	30.8	16.6	
Leq,e	28.0	27.2	22.2	50.6	35.0	36.9	29.0	14.9	
Leq,n									
Receiver R7 School Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 42.4 dB(A)	Lr,lim dB(A)		Leq,d 43.6 dB
Lr	23.8	20.6	17.4	41.9	26.2	29.8	22.1	6.2	
Leq,d	25.0	21.8	18.6	43.1	27.4	31.0	23.2	7.4	
Leq,e	23.2	20.0	16.8	41.3	25.6	29.2	21.5	5.6	
Leq,n									
Receiver R8 Residential Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 49.9 dB(A)	Lr,lim dB(A)		Leq,d 51.(
Lr	28.4	26.9	19.4	49.5	32.8	34.8	27.0	13.3	
Leq,d	29.6	28.1	20.6	50.7	33.9	36.0	28.2	14.5	
Leq,e	27.9	26.3	18.9	49.0	32.2	34.2	26.4	12.8	
Leq,n									
Receiver R8 Residential Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 50.5 dB(A)	Lr,lim dB(A)		Leq,d 51.
Lr	26.9	25.5	24.1	50.2	33.6	34.9	27.0	13.3	
Leq,d	28.1	26.7	25.2	51.4	34.8	36.0	28.2	14.5	
Leq,e	26.3	24.9	23.5	49.6	33.0	34.3	26.5	12.7	
Leq,n									
Receiver R8 Residential Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 51.2 dB(A)	Lr,lim dB(A)		Leq,d 52.
Lr	26.8	26.4	25.4	50.9	34.3	35.1	27.3	13.4	
Leq,d	27.9	27.6	26.6	52.1	35.5	36.3	28.4	14.6	
Leq,e	26.2	25.8	24.8	50.3	33.7	34.5	26.7	12.8	
Leq,n									

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Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Receiver R8 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.7 dB(A)	Lr,lim dB(A)	Leq,d 52.	
Lr	26.7	27.6	25.6	51.4	34.6	35.3	27.5	13.5	
Leq,d	27.9	28.8	26.8	52.6	35.7	36.5	28.7	14.7	
Leq,e	26.1	27.0	25.0	50.8	34.0	34.7	27.0	12.9	
Leq,n									
Receiver R8 Residential	Fl F5	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.2 dB(A)	Lr,lim dB(A)	Leq,d 53.		
Lr	26.6	27.7	25.6	51.9	34.7	35.8	28.0	13.8	
Leq,d	27.8	28.9	26.8	53.1	35.9	37.0	29.1	15.0	
Leq,e	26.0	27.1	25.0	51.3	34.1	35.2	27.4	13.2	
Leq,n									
Receiver R8 Residential	Fl F6	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.7 dB(A)	Lr,lim dB(A)	Leq,d 53.		
Lr	26.5	27.7	25.7	52.4	34.6	35.9	28.1	14.0	
Leq,d	27.7	28.9	26.8	53.6	35.8	37.1	29.3	15.2	
Leq,e	25.9	27.2	25.1	51.9	34.1	35.3	27.6	13.4	
Leq,n									
Receiver R8 Residential	Fl F7	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 53.2 dB(A)	Lr,lim dB(A)	Leq,d 54.		
Lr	26.6	28.0	25.7	53.0	34.7	36.1	28.2	14.0	
Leq,d	27.8	29.1	26.9	54.1	35.8	37.3	29.4	15.1	
Leq,e	26.1	27.4	25.1	52.4	34.1	35.5	27.7	13.4	
Leq,n									
Receiver R9 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.1 dB(A)	Lr,lim dB(A)	Leq,d 51.3 dB		
Lr	30.8	27.9	19.3	49.8	30.0	36.1	28.2	13.6	
Leq,d	32.0	29.1	20.5	51.0	31.2	37.2	29.4	14.8	
Leq,e	30.2	27.3	18.7	49.2	29.4	35.5	27.6	13.0	
Leq,n									
Receiver R9 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.7 dB(A)	Lr,lim dB(A)	Leq,d 51.8 dE		
Lr	28.8	27.0	22.9	50.3	34.4	36.1	28.2	13.6	
Leq,d	30.0	28.2	24.1	51.5	35.6	37.3	29.4	14.8	
Leq,e	28.2	26.4	22.3	49.7	33.9	35.5	27.6	13.0	
Leq,n									
Receiver R9 School	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.3 dB(A)	Lr,lim dB(A)	Leq,d 52.5 dE		
Lr	28.1	26.6	26.1	51.0	34.7	36.1	28.2	13.6	
Leq,d	29.3	27.7	27.2	52.2	35.9	37.3	29.4	14.7	
Leq,e	27.5	26.0	25.5	50.4	34.1	35.5	27.6	13.0	
Leq,n									
Receiver R9 School	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.1 dB(A)	Lr,lim dB(A)	Leq,d 53.2 dE		
Lr	28.2	28.4	27.0	51.8	35.6	36.3	28.3	13.6	
Leq,d	29.4	29.5	28.2	53.0	36.8	37.5	29.5	14.8	
Leq,e	27.6	27.8	26.4	51.2	35.0	35.7	27.7	13.0	
Leq,n									
Receiver R10 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.7 dB(A)	Lr,lim dB(A)	Leq,d 47		

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Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Lr	26.4	24.5	17.2	46.2	31.7	34.1	26.9	13.5	
Leq,d	27.6	25.7	18.4	47.4	32.9	35.3	28.1	14.7	
Leq,e	25.8	23.9	16.6	45.6	31.1	33.5	26.3	12.9	
Leq,n									
Receiver R10 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.2 dB(A)	Lr,lim dB(A)	Leq,d 4		
Lr	24.8	22.9	21.4	46.7	32.3	34.1	26.9	13.5	
Leq,d	26.0	24.0	22.6	47.9	33.4	35.3	28.1	14.6	
Leq,e	24.2	22.3	20.8	46.1	31.7	33.5	26.3	12.9	
Leq,n									
Receiver R10 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.6 dB(A)	Lr,lim dB(A)	Leq,d 4		
Lr	24.8	23.8	22.7	47.2	32.3	34.1	26.9	13.4	
Leq,d	26.0	25.0	23.9	48.4	33.4	35.3	28.1	14.6	
Leq,e	24.2	23.2	22.1	46.6	31.7	33.5	26.3	12.8	
Leq,n									
Receiver R10 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 33.2 dB(A)	Lr,lim dB(A)	Leq,d 34			
Lr	17.9	13.1	8.1	32.1	20.9	23.5	15.3	-5.1	
Leq,d	19.1	14.2	9.3	33.3	22.0	24.7	16.5	-3.9	
Leq,e	17.4	12.5	7.5	31.5	20.3	23.0	14.7	-5.6	
Leq,n									
Receiver R10 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 33.5 dB(A)	Lr,lim dB(A)	Leq,d 3			
Lr	16.6	12.2	10.0	32.4	21.4	23.5	15.3	-5.1	
Leq,d	17.8	13.3	11.2	33.6	22.6	24.7	16.5	-3.9	
Leq,e	16.0	11.6	9.4	31.8	20.8	23.0	14.7	-5.7	
Leq,n									
Receiver R10 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 33.8 dB(A)	Lr,lim dB(A)	Leq,d 3			
Lr	16.4	13.2	11.1	32.8	21.4	23.5	15.3	-5.1	
Leq,d	17.6	14.4	12.3	34.0	22.6	24.7	16.5	-3.9	
Leq,e	15.8	12.6	10.6	32.3	20.9	22.9	14.7	-5.7	
Leq,n									
Receiver R11 Residential Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 44.7 dB(A)	Lr,lim dB(A)	Leq,d 4			
Lr	25.2	22.1	15.8	44.4	25.0	30.2	22.0	6.2	
Leq,d	26.4	23.3	16.9	45.6	26.2	31.4	23.2	7.4	
Leq,e	24.7	21.5	15.2	43.8	24.4	29.6	21.4	5.6	
Leq,n									
Receiver R11 Residential Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.1 dB(A)	Lr,lim dB(A)	Leq,d 4			
Lr	23.6	21.9	19.5	45.8	29.3	30.5	22.1	6.2	
Leq,d	24.8	23.0	20.7	47.0	30.5	31.6	23.3	7.4	
Leq,e	23.0	21.3	18.9	45.2	28.7	29.9	21.5	5.7	
Leq,n									
Receiver R11 Residential Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 47.5 dB(A)	Lr,lim dB(A)	Leq,d 4			
Lr	22.8	21.9	22.6	47.3	30.9	31.2	22.7	6.4	

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Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,d	23.9	23.1	23.8	48.4	32.1	32.3	23.8	7.6	
Leq,e	22.2	21.3	22.0	46.7	30.3	30.6	22.1	5.8	
Leq,n									
Receiver R11 Residential	Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 48.1 dB(A)	Lr,lim dB(A)	Leq,d 4
Lr	22.7	23.0	23.5	47.9	31.5	31.6	23.2	6.7	
Leq,d	23.9	24.2	24.7	49.1	32.7	32.8	24.4	7.8	
Leq,e	22.1	22.5	22.9	47.3	30.9	31.0	22.6	6.1	
Leq,n									
Receiver R11 Residential	Fl F5	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 48.7 dB(A)	Lr,lim dB(A)	Leq,d 4
Lr	23.0	23.7	23.6	48.5	31.9	32.3	23.5	6.6	
Leq,d	24.2	24.9	24.8	49.6	33.0	33.4	24.7	7.8	
Leq,e	22.4	23.1	23.0	47.9	31.3	31.7	23.0	6.0	
Leq,n									
Receiver R12 School	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 44.5 dB(A)	Lr,lim dB(A)	Leq,d 45.7 dl
Lr	23.8	21.6	14.4	44.3	23.7	28.0	19.3	0.1	
Leq,d	24.9	22.8	15.6	45.4	24.9	29.2	20.4	1.3	
Leq,e	23.2	21.0	13.8	43.7	23.1	27.4	18.7	-0.5	
Leq,n									
Receiver R12 School	Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.4 dB(A)	Lr,lim dB(A)	Leq,d 46.6 c
Lr	22.5	21.3	18.3	45.2	27.7	28.2	19.4	0.1	
Leq,d	23.7	22.5	19.5	46.4	28.8	29.4	20.5	1.3	
Leq,e	21.9	20.7	17.7	44.6	27.1	27.6	18.8	-0.5	
Leq,n									
Receiver R13 School	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 43.1 dB(A)	Lr,lim dB(A)	Leq,d 44.3 dl
Lr	24.7	21.5	14.0	42.7	23.6	29.4	20.0	0.7	
Leq,d	25.9	22.7	15.1	43.9	24.7	30.6	21.2	1.9	
Leq,e	24.1	20.9	13.4	42.1	23.0	28.8	19.4	0.1	
Leq,n									
Receiver R13 School	Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 43.8 dB(A)	Lr,lim dB(A)	Leq,d 44.9 c
Lr	23.3	20.7	17.4	43.4	28.0	29.5	20.0	0.7	
Leq,d	24.4	21.9	18.6	44.6	29.2	30.6	21.2	1.9	
Leq,e	22.7	20.2	16.8	42.8	27.4	28.9	19.5	0.1	
Leq,n									
Receiver R14 School Church	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 25.8 dB(A)	Lr,lim dB(A)	Leq,c
Lr	9.8	3.9	3.8	25.4	10.5	7.7	-1.3	-21.2	
Leq,d	11.0	5.1	5.0	26.6	11.7	8.9	-0.1	-20.0	
Leq,e	9.2	3.3	3.2	24.8	9.9	7.1	-1.8	-21.8	
Leq,n									
Receiver R14 School Church	Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)	Lr 25.8 dB(A)	Lr,lim dB(A)	Leq,
Lr	9.2	4.5	4.6	25.4	10.6	7.7	-1.3	-21.2	
Leq,d	10.4	5.7	5.7	26.6	11.8	8.9	-0.1	-20.0	

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Assessed receiver spectra in dB(A) - Virgil Construction - Grading Shoring

Time slice	63Hz dB(A)	125Hz dB(A)	250Hz dB(A)	500Hz dB(A)	1kHz dB(A)	2kHz dB(A)	4kHz dB(A)	8kHz dB(A)	
Leq,e	8.6	3.9	4.0	24.9	10.0	7.1	-1.8	-21.8	
Leq,n									
Receiver R14 School Church Fl F3	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 26.2 dB(A)	Lr,lim dB(A)	Leq,
Lr	9.1	5.8	6.3	25.8	10.6	7.7	-1.3	-21.2	
Leq,d	10.3	7.0	7.5	27.0	11.8	8.9	-0.1	-20.0	
Leq,e	8.5	5.2	5.7	25.2	10.0	7.1	-1.9	-21.8	
Leq,n									
Receiver R14 School Church Fl F4	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 27.7 dB(A)	Lr,lim dB(A)	Leq,
Lr	10.6	8.1	8.7	27.4	11.2	7.5	-1.8	-21.7	
Leq,d	11.8	9.3	9.9	28.5	12.3	8.7	-0.6	-20.5	
Leq,e	10.0	7.5	8.2	26.8	10.6	6.9	-2.4	-22.3	
Leq,n									
Receiver R15 School Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 25.9 dB(A)	Lr,lim dB(A)	Leq,d 27.1 dl
Lr	10.4	5.1	5.3	25.6	8.4	5.3	-5.1	-28.3	
Leq,d	11.6	6.3	6.5	26.7	9.6	6.5	-3.9	-27.1	
Leq,e	9.8	4.5	4.7	25.0	7.8	4.8	-5.7	-28.9	
Leq,n									
Receiver R15 School Fl F2	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 27.8 dB(A)	Lr,lim dB(A)	Leq,d 29.0 c
Lr	10.8	6.7	7.1	27.6	9.5	6.3	-4.7	-28.3	
Leq,d	12.0	7.9	8.3	28.7	10.7	7.5	-3.5	-27.1	
Leq,e	10.2	6.1	6.5	27.0	8.9	5.7	-5.2	-28.9	
Leq,n									
Receiver R16 School Church Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 43.7 dB(A)	Lr,lim dB(A)	Leq,c
Lr	24.7	21.2	11.5	43.4	23.3	29.8	20.0	-1.4	
Leq,d	25.9	22.4	12.6	44.6	24.4	30.9	21.2	-0.2	
Leq,e	24.1	20.6	10.9	42.8	22.7	29.2	19.4	-2.0	
Leq,n									
Receiver R16 School Church Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 42.7 dB(A)	Lr,lim dB(A)	Leq,c
Lr	23.7	20.1	11.1	42.2	23.9	30.5	20.8	0.1	
Leq,d	24.9	21.3	12.3	43.4	25.1	31.7	22.0	1.3	
Leq,e	23.1	19.5	10.5	41.6	23.3	29.9	20.2	-0.5	
Leq,n									
Receiver R16 School Church Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 42.1 dB(A)	Lr,lim dB(A)	Leq,c
Lr	19.2	17.0	10.5	41.9	21.2	27.9	17.6	-5.2	
Leq,d	20.4	18.2	11.7	43.0	22.4	29.1	18.7	-4.0	
Leq,e	18.6	16.4	9.9	41.3	20.6	27.3	17.0	-5.8	
Leq,n									

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Contribution level - Virgil Construction - Grading Shoring

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Receiver R1 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 60.6 dB(A)	Lr,lim dB(A)	Leq,d 61.8 dB(
Shoring	Area		49.5	50.7	48.9	0.0		
Grading	Area		51.3	52.5	50.7	0.0		
Grading	Area		52.6	53.8	52.0	0.0		
Grading	Area		52.6	53.8	52.0	0.0		
Shoring	Area		49.5	50.7	48.9	0.0		
Shoring	Area		50.9	52.0	50.3	0.0		
Shoring	Area		52.5	53.7	51.9	0.0		
Shoring	Area		52.5	53.7	51.9	0.0		
Receiver R1 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 62.0 dB(A)	Lr,lim dB(A)	Leq,d 63.1 dB
Shoring	Area		51.1	52.3	50.5	0.0		
Grading	Area		53.0	54.1	52.4	0.0		
Grading	Area		53.7	54.9	53.1	0.0		
Grading	Area		53.8	54.9	53.2	0.0		
Shoring	Area		51.1	52.3	50.5	0.0		
Shoring	Area		51.1	52.2	50.5	0.0		
Shoring	Area		54.1	55.3	53.5	0.0		
Shoring	Area		54.1	55.3	53.5	0.0		
Receiver R1 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 62.7 dB(A)	Lr,lim dB(A)	Leq,d 63.9 dB
Shoring	Area		52.1	53.2	51.5	0.0		
Grading	Area		53.9	55.1	53.3	0.0		
Grading	Area		54.3	55.5	53.7	0.0		
Grading	Area		54.3	55.5	53.7	0.0		
Shoring	Area		52.1	53.2	51.5	0.0		
Shoring	Area		51.0	52.2	50.5	0.0		
Shoring	Area		55.1	56.3	54.5	0.0		
Shoring	Area		55.1	56.3	54.5	0.0		
Receiver R1 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 63.1 dB(A)	Lr,lim dB(A)	Leq,d 64.2 dB
Shoring	Area		52.5	53.7	51.9	0.0		
Grading	Area		54.3	55.5	53.7	0.0		
Grading	Area		54.5	55.6	53.9	0.0		
Grading	Area		54.5	55.7	53.9	0.0		
Shoring	Area		52.5	53.7	51.9	0.0		
Shoring	Area		51.0	52.1	50.4	0.0		
Shoring	Area		55.5	56.7	54.9	0.0		
Shoring	Area		55.5	56.7	54.9	0.0		
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 57.2 dB(A)	Lr,lim dB(A)	Leq,d 58.3 dB(
Shoring	Area		46.4	47.6	45.8	0.0		
Grading	Area		47.9	49.1	47.3	0.0		
Grading	Area		48.4	49.6	47.8	0.0		
Grading	Area		48.5	49.7	47.9	0.0		
Shoring	Area		46.4	47.6	45.8	0.0		
Shoring	Area		47.4	48.6	46.8	0.0		
Shoring	Area		49.4	50.6	48.8	0.0		

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Contribution level - Virgil Construction - Grading Shoring

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		49.4	50.6	48.8	0.0		
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 58.0 dB(A)	Lr,lim dB(A)	Leq,d 59.2 dB
Shoring	Area		47.5	48.6	46.9	0.0		
Grading	Area		48.7	49.9	48.1	0.0		
Grading	Area		49.3	50.4	48.7	0.0		
Grading	Area		49.4	50.5	48.8	0.0		
Shoring	Area		47.5	48.6	46.9	0.0		
Shoring	Area		47.6	48.7	47.0	0.0		
Shoring	Area		50.5	51.6	49.9	0.0		
Shoring	Area		50.5	51.6	49.9	0.0		
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 59.0 dB(A)	Lr,lim dB(A)	Leq,d 60.2 dB(
Shoring	Area		48.3	49.5	47.7	0.0		
Grading	Area		49.7	50.9	49.1	0.0		
Grading	Area		50.3	51.5	49.7	0.0		
Grading	Area		50.4	51.6	49.8	0.0		
Shoring	Area		48.3	49.5	47.7	0.0		
Shoring	Area		49.3	50.4	48.7	0.0		
Shoring	Area		51.3	52.5	50.7	0.0		
Shoring	Area		51.3	52.5	50.7	0.0		
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 60.2 dB(A)	Lr,lim dB(A)	Leq,d 61.4 dB
Shoring	Area		49.7	50.9	49.1	0.0		
Grading	Area		50.7	51.9	50.1	0.0		
Grading	Area		51.4	52.6	50.8	0.0		
Grading	Area		51.5	52.6	50.9	0.0		
Shoring	Area		49.7	50.9	49.1	0.0		
Shoring	Area		49.4	50.6	48.9	0.0		
Shoring	Area		52.7	53.9	52.2	0.0		
Shoring	Area		52.7	53.9	52.2	0.0		
Receiver R2 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 61.1 dB(A)	Lr,lim dB(A)	Leq,d 62.2 dB
Shoring	Area		50.8	52.0	50.2	0.0		
Grading	Area		51.6	52.8	51.0	0.0		
Grading	Area		52.0	53.2	51.4	0.0		
Grading	Area		52.0	53.2	51.4	0.0		
Shoring	Area		50.8	52.0	50.2	0.0		
Shoring	Area		49.4	50.6	48.9	0.0		
Shoring	Area		53.8	55.0	53.2	0.0		
Shoring	Area		53.8	55.0	53.2	0.0		
Receiver R2 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 61.3 dB(A)	Lr,lim dB(A)	Leq,d 62.5 dB
Shoring	Area		51.1	52.3	50.5	0.0		
Grading	Area		52.1	53.2	51.5	0.0		
Grading	Area		52.3	53.5	51.7	0.0		
Grading	Area		52.3	53.5	51.7	0.0		
Shoring	Area		51.1	52.3	50.5	0.0		
Shoring	Area		49.4	50.6	48.8	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		54.1	55.3	53.5	0.0		
Shoring	Area		54.1	55.3	53.5	0.0		
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 55.3 dB(A)		Lr,lim dB(A)	Leq,d 56.5 dB(
Shoring	Area		44.5	45.6	43.9	0.0		
Grading	Area		46.3	47.4	45.7	0.0		
Grading	Area		46.7	47.9	46.2	0.0		
Grading	Area		46.8	48.0	46.2	0.0		
Shoring	Area		44.5	45.6	43.9	0.0		
Shoring	Area		45.3	46.5	44.7	0.0		
Shoring	Area		47.5	48.6	46.9	0.0		
Shoring	Area		47.5	48.6	46.9	0.0		
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 56.1 dB(A)		Lr,lim dB(A)	Leq,d 57.3 dB
Shoring	Area		45.4	46.6	44.8	0.0		
Grading	Area		47.0	48.2	46.4	0.0		
Grading	Area		47.5	48.7	46.9	0.0		
Grading	Area		47.6	48.7	47.0	0.0		
Shoring	Area		45.4	46.6	44.8	0.0		
Shoring	Area		45.5	46.7	44.9	0.0		
Shoring	Area		48.4	49.6	47.8	0.0		
Shoring	Area		48.4	49.6	47.8	0.0		
Receiver R2 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 56.9 dB(A)		Lr,lim dB(A)	Leq,d 58.1 dB
Shoring	Area		46.4	47.5	45.8	0.0		
Grading	Area		47.8	48.9	47.2	0.0		
Grading	Area		48.2	49.4	47.7	0.0		
Grading	Area		48.3	49.5	47.7	0.0		
Shoring	Area		46.4	47.5	45.8	0.0		
Shoring	Area		45.5	46.7	45.0	0.0		
Shoring	Area		49.4	50.6	48.8	0.0		
Shoring	Area		49.4	50.6	48.8	0.0		
Receiver R2 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 57.6 dB(A)		Lr,lim dB(A)	Leq,d 58.7 dB
Shoring	Area		47.2	48.3	46.6	0.0		
Grading	Area		48.4	49.6	47.9	0.0		
Grading	Area		48.8	50.0	48.2	0.0		
Grading	Area		48.9	50.0	48.3	0.0		
Shoring	Area		47.2	48.3	46.6	0.0		
Shoring	Area		45.6	46.7	45.0	0.0		
Shoring	Area		50.2	51.3	49.6	0.0		
Shoring	Area		50.2	51.3	49.6	0.0		
Receiver R2 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 59.0 dB(A)		Lr,lim dB(A)	Leq,d 60.2 dB(
Shoring	Area		48.3	49.5	47.7	0.0		
Grading	Area		49.7	50.8	49.1	0.0		
Grading	Area		50.3	51.5	49.7	0.0		
Grading	Area		50.4	51.6	49.9	0.0		
Shoring	Area		48.3	49.5	47.7	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		49.2	50.4	48.6	0.0		
Shoring	Area		51.3	52.5	50.7	0.0		
Shoring	Area		51.3	52.5	50.7	0.0		
Receiver R2 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 60.2 dB(A)	Lr,lim dB(A)	Leq,d 61.4 dB
Shoring	Area		49.8	50.9	49.2	0.0		
Grading	Area		50.7	51.9	50.2	0.0		
Grading	Area		51.4	52.6	50.8	0.0		
Grading	Area		51.5	52.7	50.9	0.0		
Shoring	Area		49.8	50.9	49.2	0.0		
Shoring	Area		49.4	50.6	48.8	0.0		
Shoring	Area		52.8	53.9	52.2	0.0		
Shoring	Area		52.8	53.9	52.2	0.0		
Receiver R3 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 41.8 dB(A)	Lr,lim dB(A)	Leq,d 43.0 dB(
Shoring	Area		28.1	29.3	27.5	0.0		
Grading	Area		35.2	36.4	34.6	0.0		
Grading	Area		35.5	36.7	34.9	0.0		
Grading	Area		35.6	36.8	35.0	0.0		
Shoring	Area		28.1	29.3	27.5	0.0		
Shoring	Area		28.3	29.5	27.7	0.0		
Shoring	Area		31.1	32.3	30.5	0.0		
Shoring	Area		31.1	32.3	30.5	0.0		
Receiver R3 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.3 dB(A)	Lr,lim dB(A)	Leq,d 43.5 dE
Shoring	Area		28.7	29.8	28.1	0.0		
Grading	Area		35.7	36.9	35.1	0.0		
Grading	Area		36.0	37.2	35.4	0.0		
Grading	Area		36.1	37.2	35.5	0.0		
Shoring	Area		28.7	29.8	28.1	0.0		
Shoring	Area		28.5	29.7	28.0	0.0		
Shoring	Area		31.7	32.8	31.1	0.0		
Shoring	Area		31.7	32.8	31.1	0.0		
Receiver R3 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.9 dB(A)	Lr,lim dB(A)	Leq,d 44.0 dE
Shoring	Area		29.4	30.6	28.8	0.0		
Grading	Area		36.2	37.4	35.7	0.0		
Grading	Area		36.6	37.8	36.0	0.0		
Grading	Area		36.6	37.8	36.1	0.0		
Shoring	Area		29.4	30.6	28.8	0.0		
Shoring	Area		28.9	30.1	28.3	0.0		
Shoring	Area		32.4	33.6	31.8	0.0		
Shoring	Area		32.4	33.6	31.8	0.0		
Receiver R3 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 43.6 dB(A)	Lr,lim dB(A)	Leq,d 44.7 dE
Shoring	Area		30.3	31.4	29.7	0.0		
Grading	Area		36.8	38.0	36.2	0.0		
Grading	Area		37.2	38.4	36.6	0.0		
Grading	Area		37.3	38.5	36.7	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		30.3	31.4	29.7	0.0		
Shoring	Area		29.5	30.7	28.9	0.0		
Shoring	Area		33.3	34.4	32.7	0.0		
Shoring	Area		33.3	34.4	32.7	0.0		
Receiver R3 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 42.2 dB(A)	Lr,lim dB(A)	Leq,d 43.4 dB(
Shoring	Area		30.9	32.0	30.3	0.0		
Grading	Area		34.2	35.4	33.6	0.0		
Grading	Area		34.3	35.5	33.7	0.0		
Grading	Area		34.4	35.5	33.8	0.0		
Shoring	Area		30.9	32.0	30.3	0.0		
Shoring	Area		30.7	31.9	30.1	0.0		
Shoring	Area		33.9	35.0	33.3	0.0		
Shoring	Area		33.9	35.0	33.3	0.0		
Receiver R3 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 42.5 dB(A)	Lr,lim dB(A)	Leq,d 43.6 dB
Shoring	Area		31.1	32.3	30.6	0.0		
Grading	Area		34.5	35.6	33.9	0.0		
Grading	Area		34.6	35.8	34.0	0.0		
Grading	Area		34.6	35.8	34.0	0.0		
Shoring	Area		31.1	32.3	30.6	0.0		
Shoring	Area		30.9	32.1	30.3	0.0		
Shoring	Area		34.2	35.3	33.6	0.0		
Shoring	Area		34.2	35.3	33.6	0.0		
Receiver R4 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 47.7 dB(A)	Lr,lim dB(A)	Leq,d 48.9 dB(A)
Shoring	Area		36.6	37.8	36.1	0.0		
Grading	Area		39.2	40.4	38.6	0.0		
Grading	Area		39.7	40.9	39.1	0.0		
Grading	Area		39.7	40.9	39.2	0.0		
Shoring	Area		36.6	37.8	36.1	0.0		
Shoring	Area		36.8	38.0	36.2	0.0		
Shoring	Area		39.6	40.8	39.1	0.0		
Shoring	Area		39.6	40.8	39.1	0.0		
Receiver R4 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 49.2 dB(A)	Lr,lim dB(A)	Leq,d 50.4 dB(A)
Shoring	Area		37.9	39.0	37.3	0.0		
Grading	Area		40.7	41.8	40.1	0.0		
Grading	Area		41.5	42.7	40.9	0.0		
Grading	Area		41.6	42.8	41.0	0.0		
Shoring	Area		37.9	39.0	37.3	0.0		
Shoring	Area		37.9	39.1	37.4	0.0		
Shoring	Area		40.9	42.0	40.3	0.0		
Shoring	Area		40.9	42.0	40.3	0.0		
Receiver R4 School	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)		Lr 51.4 dB(A)	Lr,lim dB(A)	Leq,d 52.6 dB(A)
Shoring	Area		39.9	41.1	39.3	0.0		
Grading	Area		43.4	44.6	42.8	0.0		
Grading	Area		44.0	45.1	43.4	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Grading	Area		44.0	45.2	43.4	0.0		
Shoring	Area		39.9	41.1	39.3	0.0		
Shoring	Area		39.2	40.4	38.6	0.0		
Shoring	Area		42.9	44.1	42.3	0.0		
Shoring	Area		42.9	44.1	42.3	0.0		
Receiver R5 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 30.2 dB(A)	Lr,lim dB(A)	Leq,d 31.4 dB(	
Shoring	Area		18.6	19.8	18.0	0.0		
Grading	Area		22.2	23.3	21.6	0.0		
Grading	Area		22.2	23.4	21.6	0.0		
Grading	Area		22.3	23.5	21.7	0.0		
Shoring	Area		18.6	19.8	18.0	0.0		
Shoring	Area		20.3	21.5	19.7	0.0		
Shoring	Area		21.6	22.8	21.0	0.0		
Shoring	Area		21.6	22.8	21.0	0.0		
Receiver R5 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 30.4 dB(A)	Lr,lim dB(A)	Leq,d 31.6 dB	
Shoring	Area		18.9	20.1	18.3	0.0		
Grading	Area		22.3	23.5	21.7	0.0		
Grading	Area		22.5	23.6	21.9	0.0		
Grading	Area		22.5	23.7	21.9	0.0		
Shoring	Area		18.9	20.1	18.3	0.0		
Shoring	Area		20.3	21.5	19.7	0.0		
Shoring	Area		21.9	23.1	21.3	0.0		
Shoring	Area		21.9	23.1	21.3	0.0		
Receiver R5 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 30.9 dB(A)	Lr,lim dB(A)	Leq,d 32.0 dB	
Shoring	Area		19.4	20.6	18.9	0.0		
Grading	Area		22.6	23.8	22.0	0.0		
Grading	Area		22.9	24.1	22.3	0.0		
Grading	Area		23.0	24.1	22.4	0.0		
Shoring	Area		19.4	20.6	18.9	0.0		
Shoring	Area		20.6	21.7	20.0	0.0		
Shoring	Area		22.5	23.6	21.9	0.0		
Shoring	Area		22.5	23.6	21.9	0.0		
Receiver R5 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 31.6 dB(A)	Lr,lim dB(A)	Leq,d 32.7 dB	
Shoring	Area		20.3	21.5	19.8	0.0		
Grading	Area		23.2	24.4	22.7	0.0		
Grading	Area		23.6	24.8	23.1	0.0		
Grading	Area		23.7	24.9	23.1	0.0		
Shoring	Area		20.3	21.5	19.8	0.0		
Shoring	Area		20.4	21.6	19.9	0.0		
Shoring	Area		23.4	24.5	22.8	0.0		
Shoring	Area		23.4	24.5	22.8	0.0		
Receiver R5 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 46.1 dB(A)	Lr,lim dB(A)	Leq,d 47.2 dB(	
Shoring	Area		33.7	34.9	33.1	0.0		
Grading	Area		38.6	39.8	38.0	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Grading	Area		39.0	40.1	38.4	0.0		
Grading	Area		39.0	40.2	38.4	0.0		
Shoring	Area		33.7	34.9	33.1	0.0		
Shoring	Area		35.2	36.3	34.6	0.0		
Shoring	Area		36.7	37.9	36.1	0.0		
Shoring	Area		36.7	37.9	36.1	0.0		
Receiver R5 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.6 dB(A)	Lr,lim dB(A)	Leq,d 47.7 dB
Shoring	Area		34.2	35.3	33.6	0.0		
Grading	Area		39.2	40.3	38.6	0.0		
Grading	Area		39.5	40.7	39.0	0.0		
Grading	Area		39.6	40.8	39.0	0.0		
Shoring	Area		34.2	35.3	33.6	0.0		
Shoring	Area		35.2	36.4	34.6	0.0		
Shoring	Area		37.2	38.4	36.6	0.0		
Shoring	Area		37.2	38.4	36.6	0.0		
Receiver R5 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 44.8 dB(A)	Lr,lim dB(A)	Leq,d 46.0 dB
Shoring	Area		32.3	33.5	31.7	0.0		
Grading	Area		37.5	38.7	36.9	0.0		
Grading	Area		37.9	39.1	37.3	0.0		
Grading	Area		37.9	39.1	37.3	0.0		
Shoring	Area		32.3	33.5	31.7	0.0		
Shoring	Area		33.0	34.1	32.4	0.0		
Shoring	Area		35.3	36.5	34.7	0.0		
Shoring	Area		35.3	36.5	34.7	0.0		
Receiver R5 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.3 dB(A)	Lr,lim dB(A)	Leq,d 46.5 dB
Shoring	Area		32.8	34.0	32.2	0.0		
Grading	Area		38.1	39.2	37.5	0.0		
Grading	Area		38.5	39.6	37.9	0.0		
Grading	Area		38.5	39.7	37.9	0.0		
Shoring	Area		32.8	34.0	32.2	0.0		
Shoring	Area		33.1	34.3	32.5	0.0		
Shoring	Area		35.8	37.0	35.2	0.0		
Shoring	Area		35.8	37.0	35.2	0.0		
Receiver R5 Residential	Fl F5	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.9 dB(A)	Lr,lim dB(A)	Leq,d 47.0 dB
Shoring	Area		33.4	34.5	32.8	0.0		
Grading	Area		38.6	39.8	38.0	0.0		
Grading	Area		39.0	40.2	38.5	0.0		
Grading	Area		39.1	40.3	38.5	0.0		
Shoring	Area		33.4	34.5	32.8	0.0		
Shoring	Area		33.1	34.3	32.6	0.0		
Shoring	Area		36.4	37.5	35.8	0.0		
Shoring	Area		36.4	37.5	35.8	0.0		
Receiver R5 Residential	Fl F6	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.9 dB(A)	Lr,lim dB(A)	Leq,d 48.0 dB
Shoring	Area		34.6	35.8	34.0	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Grading	Area		39.5	40.7	38.9	0.0		
Grading	Area		40.0	41.1	39.4	0.0		
Grading	Area		40.0	41.2	39.4	0.0		
Shoring	Area		34.6	35.8	34.0	0.0		
Shoring	Area		33.6	34.8	33.0	0.0		
Shoring	Area		37.6	38.8	37.1	0.0		
Shoring	Area		37.6	38.8	37.1	0.0		
Receiver R6 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.1 dB(A)	Lr,lim dB(A)	Leq,d 52.3 dB(
Shoring	Area		39.9	41.1	39.3	0.0		
Grading	Area		42.8	44.0	42.2	0.0		
Grading	Area		43.1	44.3	42.5	0.0		
Grading	Area		43.1	44.3	42.5	0.0		
Shoring	Area		39.9	41.1	39.3	0.0		
Shoring	Area		40.0	41.1	39.4	0.0		
Shoring	Area		42.9	44.1	42.3	0.0		
Shoring	Area		42.9	44.1	42.3	0.0		
Receiver R6 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.6 dB(A)	Lr,lim dB(A)	Leq,d 52.8 dB
Shoring	Area		40.4	41.6	39.8	0.0		
Grading	Area		43.3	44.4	42.7	0.0		
Grading	Area		43.5	44.7	43.0	0.0		
Grading	Area		43.6	44.8	43.0	0.0		
Shoring	Area		40.4	41.6	39.8	0.0		
Shoring	Area		40.7	41.9	40.2	0.0		
Shoring	Area		43.4	44.6	42.8	0.0		
Shoring	Area		43.4	44.6	42.8	0.0		
Receiver R7 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 42.4 dB(A)	Lr,lim dB(A)	Leq,d 43.6 dB(A)
Shoring	Area		31.1	32.2	30.5	0.0		
Grading	Area		33.9	35.1	33.3	0.0		
Grading	Area		34.2	35.4	33.6	0.0		
Grading	Area		34.2	35.4	33.7	0.0		
Shoring	Area		31.1	32.2	30.5	0.0		
Shoring	Area		33.1	34.2	32.5	0.0		
Shoring	Area		34.1	35.3	33.5	0.0		
Shoring	Area		34.1	35.3	33.5	0.0		
Receiver R8 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 49.9 dB(A)	Lr,lim dB(A)	Leq,d 51.0 dB(
Shoring	Area		38.1	39.3	37.5	0.0		
Grading	Area		42.0	43.2	41.5	0.0		
Grading	Area		42.4	43.6	41.8	0.0		
Grading	Area		42.5	43.6	41.9	0.0		
Shoring	Area		38.1	39.3	37.5	0.0		
Shoring	Area		38.3	39.5	37.7	0.0		
Shoring	Area		41.1	42.3	40.5	0.0		
Shoring	Area		41.1	42.3	40.5	0.0		
Receiver R8 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.5 dB(A)	Lr,lim dB(A)	Leq,d 51.7 dB

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		38.8	40.0	38.2	0.0		
Grading	Area		42.7	43.8	42.1	0.0		
Grading	Area		43.1	44.3	42.5	0.0		
Grading	Area		43.2	44.3	42.6	0.0		
Shoring	Area		38.8	40.0	38.2	0.0		
Shoring	Area		38.6	39.8	38.0	0.0		
Shoring	Area		41.8	43.0	41.2	0.0		
Shoring	Area		41.8	43.0	41.2	0.0		
Receiver R8 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 51.2 dB(A)	Lr,lim dB(A)	Leq,d 52.4 dB
Shoring	Area		39.7	40.8	39.1	0.0		
Grading	Area		43.3	44.5	42.7	0.0		
Grading	Area		43.6	44.8	43.0	0.0		
Grading	Area		43.7	44.8	43.1	0.0		
Shoring	Area		39.7	40.8	39.1	0.0		
Shoring	Area		39.0	40.2	38.4	0.0		
Shoring	Area		42.7	43.9	42.1	0.0		
Shoring	Area		42.7	43.9	42.1	0.0		
Receiver R8 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 51.7 dB(A)	Lr,lim dB(A)	Leq,d 52.8 dB
Shoring	Area		40.2	41.4	39.6	0.0		
Grading	Area		43.8	44.9	43.2	0.0		
Grading	Area		44.1	45.3	43.5	0.0		
Grading	Area		44.1	45.3	43.6	0.0		
Shoring	Area		40.2	41.4	39.6	0.0		
Shoring	Area		39.3	40.5	38.7	0.0		
Shoring	Area		43.2	44.4	42.6	0.0		
Shoring	Area		43.2	44.4	42.6	0.0		
Receiver R8 Residential	Fl F5	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 52.2 dB(A)	Lr,lim dB(A)	Leq,d 53.3 dB
Shoring	Area		40.7	41.9	40.1	0.0		
Grading	Area		44.3	45.4	43.7	0.0		
Grading	Area		44.6	45.8	44.0	0.0		
Grading	Area		44.7	45.8	44.1	0.0		
Shoring	Area		40.7	41.9	40.1	0.0		
Shoring	Area		39.6	40.8	39.0	0.0		
Shoring	Area		43.7	44.9	43.1	0.0		
Shoring	Area		43.7	44.9	43.1	0.0		
Receiver R8 Residential	Fl F6	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 52.7 dB(A)	Lr,lim dB(A)	Leq,d 53.8 dB
Shoring	Area		41.2	42.4	40.6	0.0		
Grading	Area		44.8	45.9	44.2	0.0		
Grading	Area		45.1	46.3	44.5	0.0		
Grading	Area		45.2	46.4	44.6	0.0		
Shoring	Area		41.2	42.4	40.6	0.0		
Shoring	Area		39.6	40.8	39.0	0.0		
Shoring	Area		44.2	45.4	43.7	0.0		
Shoring	Area		44.2	45.4	43.7	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Receiver R8 Residential	Fl F7	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 53.2 dB(A)		Lr,lim dB(A)	Leq,d 54.3 dB
Shoring	Area		41.9	43.0	41.3	0.0		
Grading	Area		45.3	46.5	44.7	0.0		
Grading	Area		45.6	46.7	45.0	0.0		
Grading	Area		45.6	46.8	45.0	0.0		
Shoring	Area		41.9	43.0	41.3	0.0		
Shoring	Area		39.7	40.9	39.1	0.0		
Shoring	Area		44.9	46.0	44.3	0.0		
Shoring	Area		44.9	46.0	44.3	0.0		
Receiver R9 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.1 dB(A)		Lr,lim dB(A)	Leq,d 51.3 dB(A)
Shoring	Area		38.8	40.0	38.2	0.0		
Grading	Area		42.0	43.2	41.4	0.0		
Grading	Area		42.3	43.4	41.7	0.0		
Grading	Area		42.3	43.5	41.7	0.0		
Shoring	Area		38.8	40.0	38.2	0.0		
Shoring	Area		38.8	40.0	38.3	0.0		
Shoring	Area		41.8	43.0	41.2	0.0		
Shoring	Area		41.8	43.0	41.2	0.0		
Receiver R9 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 50.7 dB(A)		Lr,lim dB(A)	Leq,d 51.8 dB(A)
Shoring	Area		39.4	40.5	38.8	0.0		
Grading	Area		42.5	43.7	41.9	0.0		
Grading	Area		42.7	43.9	42.2	0.0		
Grading	Area		42.8	44.0	42.2	0.0		
Shoring	Area		39.4	40.5	38.8	0.0		
Shoring	Area		39.7	40.8	39.1	0.0		
Shoring	Area		42.4	43.5	41.8	0.0		
Shoring	Area		42.4	43.5	41.8	0.0		
Receiver R9 School	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 51.3 dB(A)		Lr,lim dB(A)	Leq,d 52.5 dB(A)
Shoring	Area		40.1	41.3	39.6	0.0		
Grading	Area		43.1	44.2	42.5	0.0		
Grading	Area		43.4	44.6	42.8	0.0		
Grading	Area		43.5	44.7	42.9	0.0		
Shoring	Area		40.1	41.3	39.6	0.0		
Shoring	Area		39.8	41.0	39.2	0.0		
Shoring	Area		43.1	44.3	42.6	0.0		
Shoring	Area		43.1	44.3	42.6	0.0		
Receiver R9 School	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 52.1 dB(A)		Lr,lim dB(A)	Leq,d 53.2 dB(A)
Shoring	Area		41.2	42.4	40.6	0.0		
Grading	Area		43.8	44.9	43.2	0.0		
Grading	Area		43.7	44.9	43.1	0.0		
Grading	Area		43.8	45.0	43.2	0.0		
Shoring	Area		41.2	42.4	40.6	0.0		
Shoring	Area		40.3	41.5	39.7	0.0		
Shoring	Area		44.2	45.4	43.6	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		44.2	45.4	43.6	0.0		
Receiver R10 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.7 dB(A)	Lr,lim dB(A)	Leq,d 47.9 dB
Shoring	Area		36.4	37.6	35.8	0.0		
Grading	Area		36.9	38.0	36.3	0.0		
Grading	Area		37.1	38.3	36.6	0.0		
Grading	Area		37.2	38.4	36.6	0.0		
Shoring	Area		36.4	37.6	35.8	0.0		
Shoring	Area		37.3	38.5	36.7	0.0		
Shoring	Area		39.4	40.6	38.8	0.0		
Shoring	Area		39.4	40.6	38.8	0.0		
Receiver R10 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 47.2 dB(A)	Lr,lim dB(A)	Leq,d 48.3 dB
Shoring	Area		36.9	38.1	36.3	0.0		
Grading	Area		37.3	38.5	36.8	0.0		
Grading	Area		37.6	38.8	37.0	0.0		
Grading	Area		37.7	38.9	37.1	0.0		
Shoring	Area		36.9	38.1	36.3	0.0		
Shoring	Area		37.5	38.6	36.9	0.0		
Shoring	Area		39.9	41.1	39.3	0.0		
Shoring	Area		39.9	41.1	39.3	0.0		
Receiver R10 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 47.6 dB(A)	Lr,lim dB(A)	Leq,d 48.8 dB
Shoring	Area		37.4	38.6	36.8	0.0		
Grading	Area		37.8	39.0	37.3	0.0		
Grading	Area		38.1	39.3	37.5	0.0		
Grading	Area		38.2	39.4	37.6	0.0		
Shoring	Area		37.4	38.6	36.8	0.0		
Shoring	Area		37.5	38.7	36.9	0.0		
Shoring	Area		40.4	41.6	39.8	0.0		
Shoring	Area		40.4	41.6	39.8	0.0		
Receiver R10 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 33.2 dB(A)	Lr,lim dB(A)	Leq,d 34.4 dB
Shoring	Area		20.5	21.7	19.9	0.0		
Grading	Area		24.9	26.1	24.3	0.0		
Grading	Area		25.0	26.2	24.4	0.0		
Grading	Area		25.0	26.2	24.4	0.0		
Shoring	Area		20.5	21.7	19.9	0.0		
Shoring	Area		26.8	28.0	26.2	0.0		
Shoring	Area		23.5	24.7	22.9	0.0		
Shoring	Area		23.5	24.7	22.9	0.0		
Receiver R10 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 33.5 dB(A)	Lr,lim dB(A)	Leq,d 34.6 dB
Shoring	Area		20.8	22.0	20.2	0.0		
Grading	Area		25.2	26.4	24.6	0.0		
Grading	Area		25.3	26.5	24.7	0.0		
Grading	Area		25.4	26.5	24.8	0.0		
Shoring	Area		20.8	22.0	20.2	0.0		
Shoring	Area		26.8	28.0	26.2	0.0		

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Contribution level - Virgil Construction - Grading Shoring

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		23.8	25.0	23.2	0.0		
Shoring	Area		23.8	25.0	23.2	0.0		
Receiver R10 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 33.8 dB(A)	Lr,lim dB(A)	Leq,d 35.0 dI
Shoring	Area		21.2	22.4	20.7	0.0		
Grading	Area		25.6	26.8	25.0	0.0		
Grading	Area		25.7	26.9	25.2	0.0		
Grading	Area		25.8	26.9	25.2	0.0		
Shoring	Area		21.2	22.4	20.7	0.0		
Shoring	Area		26.9	28.1	26.3	0.0		
Shoring	Area		24.3	25.4	23.7	0.0		
Shoring	Area		24.3	25.4	23.7	0.0		
Receiver R11 Residential	Fl G	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 44.7 dB(A)	Lr,lim dB(A)	Leq,d 45.9 dI
Shoring	Area		32.5	33.7	32.0	0.0		
Grading	Area		37.0	38.1	36.4	0.0		
Grading	Area		37.7	38.9	37.1	0.0		
Grading	Area		37.7	38.9	37.2	0.0		
Shoring	Area		32.5	33.7	32.0	0.0		
Shoring	Area		33.2	34.4	32.6	0.0		
Shoring	Area		35.6	36.7	35.0	0.0		
Shoring	Area		35.6	36.7	35.0	0.0		
Receiver R11 Residential	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 46.1 dB(A)	Lr,lim dB(A)	Leq,d 47.2 d
Shoring	Area		34.0	35.1	33.4	0.0		
Grading	Area		38.1	39.3	37.5	0.0		
Grading	Area		39.1	40.3	38.5	0.0		
Grading	Area		39.1	40.3	38.6	0.0		
Shoring	Area		34.0	35.2	33.4	0.0		
Shoring	Area		34.4	35.5	33.8	0.0		
Shoring	Area		37.0	38.2	36.4	0.0		
Shoring	Area		37.0	38.2	36.4	0.0		
Receiver R11 Residential	Fl F3	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 47.5 dB(A)	Lr,lim dB(A)	Leq,d 48.7 d
Shoring	Area		35.7	36.8	35.1	0.0		
Grading	Area		39.7	40.9	39.1	0.0		
Grading	Area		40.3	41.5	39.7	0.0		
Grading	Area		40.4	41.5	39.8	0.0		
Shoring	Area		35.7	36.8	35.1	0.0		
Shoring	Area		35.3	36.5	34.7	0.0		
Shoring	Area		38.7	39.8	38.1	0.0		
Shoring	Area		38.7	39.8	38.1	0.0		
Receiver R11 Residential	Fl F4	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 48.1 dB(A)	Lr,lim dB(A)	Leq,d 49.3 d
Shoring	Area		36.5	37.6	35.9	0.0		
Grading	Area		40.3	41.5	39.7	0.0		
Grading	Area		40.8	42.0	40.2	0.0		
Grading	Area		40.8	42.0	40.3	0.0		
Shoring	Area		36.5	37.6	35.9	0.0		

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Contribution level - Virgil Construction - Grading Shoring

Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Shoring	Area		35.8	37.0	35.3	0.0		
Shoring	Area		39.5	40.6	38.9	0.0		
Shoring	Area		39.5	40.6	38.9	0.0		
Receiver R11 Residential	Fl F5	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 48.7 dB(A)	Lr,lim dB(A)	Leq,d 49.9 d
Shoring	Area		37.1	38.3	36.5	0.0		
Grading	Area		40.8	41.9	40.2	0.0		
Grading	Area		41.3	42.5	40.7	0.0		
Grading	Area		41.4	42.5	40.8	0.0		
Shoring	Area		37.1	38.3	36.5	0.0		
Shoring	Area		36.3	37.5	35.7	0.0		
Shoring	Area		40.1	41.3	39.5	0.0		
Shoring	Area		40.1	41.3	39.5	0.0		
Receiver R12 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 44.5 dB(A)	Lr,lim dB(A)	Leq,d 45.7 dB(A)
Shoring	Area		32.3	33.5	31.8	0.0		
Grading	Area		36.8	38.0	36.2	0.0		
Grading	Area		37.6	38.8	37.1	0.0		
Grading	Area		37.7	38.9	37.1	0.0		
Shoring	Area		32.3	33.5	31.8	0.0		
Shoring	Area		31.4	32.5	30.8	0.0		
Shoring	Area		35.4	36.5	34.8	0.0		
Shoring	Area		35.4	36.5	34.8	0.0		
Receiver R12 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.4 dB(A)	Lr,lim dB(A)	Leq,d 46.6 dB(A)
Shoring	Area		33.3	34.5	32.7	0.0		
Grading	Area		37.6	38.8	37.0	0.0		
Grading	Area		38.6	39.8	38.0	0.0		
Grading	Area		38.7	39.8	38.1	0.0		
Shoring	Area		33.3	34.5	32.7	0.0		
Shoring	Area		32.6	33.7	32.0	0.0		
Shoring	Area		36.3	37.5	35.7	0.0		
Shoring	Area		36.3	37.5	35.7	0.0		
Receiver R13 School	Fl G	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 43.1 dB(A)	Lr,lim dB(A)	Leq,d 44.3 dB(A)
Shoring	Area		32.6	33.8	32.0	0.0		
Grading	Area		33.6	34.8	33.0	0.0		
Grading	Area		34.3	35.5	33.7	0.0		
Grading	Area		34.4	35.6	33.8	0.0		
Shoring	Area		32.6	33.8	32.0	0.0		
Shoring	Area		32.2	33.4	31.6	0.0		
Shoring	Area		35.6	36.8	35.0	0.0		
Shoring	Area		35.6	36.8	35.0	0.0		
Receiver R13 School	Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 43.8 dB(A)	Lr,lim dB(A)	Leq,d 44.9 dB(A)
Shoring	Area		33.1	34.3	32.5	0.0		
Grading	Area		34.4	35.5	33.8	0.0		
Grading	Area		35.2	36.4	34.6	0.0		
Grading	Area		35.3	36.5	34.7	0.0		

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Contribution level - Virgil Construction - Grading Shoring

Source group	Source ty	Tr. lane	Lr	Leq,d	Leq,e	A	Leq,n	
			dB(A)	dB(A)	dB(A)	dB	dB(A)	
Shoring	Area		33.1	34.3	32.5	0.0		
Shoring	Area		33.2	34.3	32.6	0.0		
Shoring	Area		36.1	37.3	35.6	0.0		
Shoring	Area		36.1	37.3	35.6	0.0		
Receiver R14 School Church Fl G			Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 25.8 dB(A)	Lr,lim dB(A)	Leq,d 27.(
Shoring	Area		14.9	16.1	14.3	0.0		
Grading	Area		17.4	18.5	16.8	0.0		
Grading	Area		17.1	18.3	16.6	0.0		
Grading	Area		17.2	18.3	16.6	0.0		
Shoring	Area		14.9	16.1	14.3	0.0		
Shoring	Area		15.5	16.7	14.9	0.0		
Shoring	Area		17.9	19.1	17.3	0.0		
Shoring	Area		17.9	19.1	17.3	0.0		
Receiver R14 School Church Fl F2			Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 25.8 dB(A)	Lr,lim dB(A)	Leq,d 27.
Shoring	Area		14.9	16.1	14.3	0.0		
Grading	Area		17.4	18.6	16.8	0.0		
Grading	Area		17.2	18.3	16.6	0.0		
Grading	Area		17.2	18.4	16.6	0.0		
Shoring	Area		14.9	16.1	14.3	0.0		
Shoring	Area		15.7	16.9	15.1	0.0		
Shoring	Area		17.9	19.1	17.3	0.0		
Shoring	Area		17.9	19.1	17.3	0.0		
Receiver R14 School Church Fl F3			Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 26.2 dB(A)	Lr,lim dB(A)	Leq,d 27.
Shoring	Area		15.3	16.4	14.7	0.0		
Grading	Area		17.7	18.8	17.1	0.0		
Grading	Area		17.5	18.7	16.9	0.0		
Grading	Area		17.5	18.7	16.9	0.0		
Shoring	Area		15.3	16.4	14.7	0.0		
Shoring	Area		16.0	17.2	15.4	0.0		
Shoring	Area		18.3	19.5	17.7	0.0		
Shoring	Area		18.3	19.5	17.7	0.0		
Receiver R14 School Church Fl F4			Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 27.7 dB(A)	Lr,lim dB(A)	Leq,d 28.
Shoring	Area		17.0	18.1	16.4	0.0		
Grading	Area		19.0	20.2	18.4	0.0		
Grading	Area		19.0	20.2	18.4	0.0		
Grading	Area		19.1	20.2	18.5	0.0		
Shoring	Area		17.0	18.1	16.4	0.0		
Shoring	Area		17.3	18.4	16.7	0.0		
Shoring	Area		20.0	21.1	19.4	0.0		
Shoring	Area		20.0	21.1	19.4	0.0		
Receiver R15 School Fl G			Lr,lim dB(A)	Lr,lim dB(A)	Lr,lim dB(A)	Lr 25.9 dB(A)	Lr,lim dB(A)	Leq,d 27.1 dB(A)
Shoring	Area		14.3	15.5	13.7	0.0		
Grading	Area		17.9	19.1	17.3	0.0		
Grading	Area		18.3	19.5	17.7	0.0		

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Source group	Source ty	Tr. lane	Lr dB(A)	Leq,d dB(A)	Leq,e dB(A)	A dB	Leq,n dB(A)	
Grading	Area		18.4	19.5	17.8	0.0		
Shoring	Area		14.3	15.5	13.7	0.0		
Shoring	Area		14.8	15.9	14.2	0.0		
Shoring	Area		17.3	18.5	16.7	0.0		
Shoring	Area		17.3	18.5	16.7	0.0		
Receiver R15 School Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 27.8 dB(A) Lr,lim dB(A) Leq,d 29.0 dB(A)								
Shoring	Area		16.0	17.1	15.4	0.0		
Grading	Area		19.9	21.0	19.3	0.0		
Grading	Area		20.6	21.8	20.0	0.0		
Grading	Area		20.7	21.8	20.1	0.0		
Shoring	Area		16.0	17.1	15.4	0.0		
Shoring	Area		16.2	17.4	15.7	0.0		
Shoring	Area		19.0	20.1	18.4	0.0		
Shoring	Area		19.0	20.1	18.4	0.0		
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 43.7 dB(A) Lr,lim dB(A) Leq,d 44.9								
Shoring	Area		32.9	34.0	32.3	0.0		
Grading	Area		35.2	36.3	34.6	0.0		
Grading	Area		35.3	36.5	34.7	0.0		
Grading	Area		35.4	36.5	34.8	0.0		
Shoring	Area		32.9	34.0	32.3	0.0		
Shoring	Area		32.3	33.5	31.7	0.0		
Shoring	Area		35.9	37.1	35.3	0.0		
Shoring	Area		35.9	37.1	35.3	0.0		
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.7 dB(A) Lr,lim dB(A) Leq,d 43.9								
Shoring	Area		32.1	33.3	31.5	0.0		
Grading	Area		33.5	34.6	32.9	0.0		
Grading	Area		33.7	34.9	33.1	0.0		
Grading	Area		33.8	35.0	33.2	0.0		
Shoring	Area		32.1	33.3	31.5	0.0		
Shoring	Area		32.7	33.8	32.1	0.0		
Shoring	Area		35.1	36.3	34.5	0.0		
Shoring	Area		35.1	36.3	34.5	0.0		
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.1 dB(A) Lr,lim dB(A) Leq,d 43.3								
Shoring	Area		31.0	32.1	30.4	0.0		
Grading	Area		34.1	35.3	33.5	0.0		
Grading	Area		34.2	35.4	33.6	0.0		
Grading	Area		34.3	35.4	33.7	0.0		
Shoring	Area		31.0	32.1	30.4	0.0		
Shoring	Area		29.8	31.0	29.2	0.0		
Shoring	Area		34.0	35.2	33.4	0.0		
Shoring	Area		34.0	35.1	33.4	0.0		

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Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 60.6 dB(A) Lr,lim dB(A) Leq,d 61.8 dB(A) Leq,e 60.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	45.77	-44.2	-2.4	-1.6	-0.1		0.0	3.0	57.8	0.0	-6.3	1.2	52.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	45.77	-44.2	-2.4	-1.6	-0.1		0.0	3.0	57.8	0.0	-4.0	0.0	53.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	45.77	-44.2	-2.4	-1.6	-0.1		0.0	3.0	57.8	0.0	-5.7	0.0	52.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	45.77	-44.2	-2.4	-1.6	-0.1		0.0	3.0	57.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-9.3	1.2	49.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-7.0	0.0	50.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-8.8	0.0	48.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-6.3	1.2	52.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-4.0	0.0	53.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-5.7	0.0	51.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	48.61	-44.7	-2.3	-0.2	-0.5		0.0	3.8	56.0	0.0	-6.3	1.2	50.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	48.61	-44.7	-2.3	-0.2	-0.5		0.0	3.8	56.0	0.0	-4.0	0.0	52.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	48.61	-44.7	-2.3	-0.2	-0.5		0.0	3.8	56.0	0.0	-5.7	0.0	50.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	48.61	-44.7	-2.3	-0.2	-0.5		0.0	3.8	56.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-6.3	1.2	51.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-4.0	0.0	52.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0	-5.7	0.0	50.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.80	-44.2	-3.7	-1.6	-0.1		0.0	3.1	56.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.76	-44.2	-2.4	-1.6	-0.1		0.0	3.1	57.8	0.0	-6.3	1.2	52.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.76	-44.2	-2.4	-1.6	-0.1		0.0	3.1	57.8	0.0	-4.0	0.0	53.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.76	-44.2	-2.4	-1.6	-0.1		0.0	3.1	57.8	0.0	-5.7	0.0	52.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.76	-44.2	-2.4	-1.6	-0.1		0.0	3.1	57.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-6.3	1.2	52.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-4.0	0.0	53.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-5.7	0.0	51.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-9.3	1.2	49.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-7.0	0.0	50.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0	-8.8	0.0	48.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.60	-44.7	-3.8	-0.2	-0.1		0.0	3.4	57.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 62.0 dB(A) Lr,lim dB(A) Leq,d 63.1 dB(A) Leq,e 61.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	45.86	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0	-6.3	1.2	53.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	45.86	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0	-4.0	0.0	54.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	45.86	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0	-5.7	0.0	53.1
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	45.86	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-9.3	1.2	51.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-7.0	0.0	52.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-8.8	0.0	50.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-6.3	1.2	54.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-4.0	0.0	55.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-5.7	0.0	53.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	48.87	-44.8	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0	-6.3	1.2	51.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	48.87	-44.8	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0	-4.0	0.0	52.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	48.87	-44.8	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0	-5.7	0.0	50.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	48.87	-44.8	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-6.3	1.2	53.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-4.0	0.0	54.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0	-5.7	0.0	52.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.08	-44.3	-1.9	-1.6	-0.1		0.0	3.0	58.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	45.85	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0	-6.3	1.2	53.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	45.85	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0	-4.0	0.0	54.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	45.85	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0	-5.7	0.0	53.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	45.85	-44.2	-1.1	-1.6	-0.1		0.0	3.0	58.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-6.3	1.2	54.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-4.0	0.0	55.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-5.7	0.0	53.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-9.3	1.2	51.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-7.0	0.0	52.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0	-8.8	0.0	50.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	48.87	-44.8	-2.0	-0.1	-0.1		0.0	3.2	59.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 62.7 dB(A) Lr,lim dB(A) Leq,d 63.9 dB(A) Leq,e 62.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0	-6.3	1.2	54.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.0	0.0	55.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.7	0.0	53.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-9.3	1.2	52.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-7.0	0.0	53.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-8.8	0.0	51.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-6.3	1.2	55.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-4.0	0.0	56.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-5.7	0.0	54.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	49.39	-44.9	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0	-6.3	1.2	51.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	49.39	-44.9	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0	-4.0	0.0	52.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	49.39	-44.9	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0	-5.7	0.0	50.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	49.39	-44.9	-2.1	-0.2	-0.5		0.0	3.8	56.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-6.3	1.2	53.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-4.0	0.0	55.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0	-5.7	0.0	53.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.63	-44.4	-0.9	-1.6	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0	-6.3	1.2	54.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.0	0.0	55.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.7	0.0	53.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.22	-44.3	-0.5	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-6.3	1.2	55.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-4.0	0.0	56.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-5.7	0.0	54.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-9.3	1.2	52.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-7.0	0.0	53.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0	-8.8	0.0	51.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	49.39	-44.9	-1.0	-0.1	-0.1		0.0	3.3	60.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R1 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 63.1 dB(A) Lr,lim dB(A) Leq,d 64.2 dB(A) Leq,e 62.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	46.84	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0	-6.3	1.2	54.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	46.84	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0	-4.0	0.0	55.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	46.84	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0	-5.7	0.0	53.9
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	46.84	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-9.3	1.2	52.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-7.0	0.0	53.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-8.8	0.0	51.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-6.3	1.2	55.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-4.0	0.0	56.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-5.7	0.0	54.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	50.13	-45.0	-2.0	-0.2	-0.5		0.0	3.8	56.1	0.0	-6.3	1.2	51.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	50.13	-45.0	-2.0	-0.2	-0.5		0.0	3.8	56.1	0.0	-4.0	0.0	52.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	50.13	-45.0	-2.0	-0.2	-0.5		0.0	3.8	56.1	0.0	-5.7	0.0	50.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	50.13	-45.0	-2.0	-0.2	-0.5		0.0	3.8	56.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-6.3	1.2	54.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-4.0	0.0	55.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0	-5.7	0.0	53.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	47.40	-44.5	-0.4	-1.6	-0.1		0.0	3.0	59.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	46.83	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0	-6.3	1.2	54.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	46.83	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0	-4.0	0.0	55.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	46.83	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0	-5.7	0.0	53.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	46.83	-44.4	-0.2	-1.7	-0.1		0.0	3.1	59.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-6.3	1.2	55.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-4.0	0.0	56.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-5.7	0.0	54.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-9.3	1.2	52.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-7.0	0.0	53.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0	-8.8	0.0	51.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	50.13	-45.0	-0.5	-0.1	-0.1		0.0	3.3	60.7	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 57.2 dB(A) Lr,lim dB(A) Leq,d 58.3 dB(A) Leq,e 56.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	82.02	-49.3	-3.7	0.0	-0.1		0.0	3.7	53.6	0.0	-6.3	1.2	48.4
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	82.02	-49.3	-3.7	0.0	-0.1		0.0	3.7	53.6	0.0	-4.0	0.0	49.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	82.02	-49.3	-3.7	0.0	-0.1		0.0	3.7	53.6	0.0	-5.7	0.0	47.8
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	82.02	-49.3	-3.7	0.0	-0.1		0.0	3.7	53.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-9.3	1.2	46.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-7.0	0.0	47.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-8.8	0.0	45.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-5.7	0.0	48.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	66.16	-47.4	-2.6	0.0	-0.7		0.0	3.2	52.5	0.0	-6.3	1.2	47.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	66.16	-47.4	-2.6	0.0	-0.7		0.0	3.2	52.5	0.0	-4.0	0.0	48.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	66.16	-47.4	-2.6	0.0	-0.7		0.0	3.2	52.5	0.0	-5.7	0.0	46.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	66.16	-47.4	-2.6	0.0	-0.7		0.0	3.2	52.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-6.3	1.2	47.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-4.0	0.0	49.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0	-5.7	0.0	47.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.12	-49.3	-4.3	0.0	-0.1		0.0	3.8	53.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.10	-49.3	-3.6	0.0	-0.1		0.0	3.7	53.7	0.0	-6.3	1.2	48.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.10	-49.3	-3.6	0.0	-0.1		0.0	3.7	53.7	0.0	-4.0	0.0	49.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.10	-49.3	-3.6	0.0	-0.1		0.0	3.7	53.7	0.0	-5.7	0.0	47.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.10	-49.3	-3.6	0.0	-0.1		0.0	3.7	53.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-5.7	0.0	48.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-9.3	1.2	46.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-7.0	0.0	47.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0	-8.8	0.0	45.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.16	-47.4	-4.2	0.0	-0.1		0.0	3.2	54.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 58.0 dB(A) Lr,lim dB(A) Leq,d 59.2 dB(A) Leq,e 57.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	82.09	-49.3	-2.7	0.0	-0.1		0.0	3.5	54.5	0.0	-6.3	1.2	49.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	82.09	-49.3	-2.7	0.0	-0.1		0.0	3.5	54.5	0.0	-4.0	0.0	50.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	82.09	-49.3	-2.7	0.0	-0.1		0.0	3.5	54.5	0.0	-5.7	0.0	48.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	82.09	-49.3	-2.7	0.0	-0.1		0.0	3.5	54.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-9.3	1.2	47.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-7.0	0.0	48.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-8.8	0.0	46.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-6.3	1.2	50.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-4.0	0.0	51.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-5.7	0.0	49.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	66.36	-47.4	-2.4	0.0	-0.7		0.0	3.2	52.7	0.0	-6.3	1.2	47.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	66.36	-47.4	-2.4	0.0	-0.7		0.0	3.2	52.7	0.0	-4.0	0.0	48.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	66.36	-47.4	-2.4	0.0	-0.7		0.0	3.2	52.7	0.0	-5.7	0.0	47.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	66.36	-47.4	-2.4	0.0	-0.7		0.0	3.2	52.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-6.3	1.2	48.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-4.0	0.0	49.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0	-5.7	0.0	48.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.30	-49.3	-3.3	0.0	-0.1		0.0	3.6	53.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	82.15	-49.3	-2.6	0.0	-0.1		0.0	3.5	54.5	0.0	-6.3	1.2	49.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	82.15	-49.3	-2.6	0.0	-0.1		0.0	3.5	54.5	0.0	-4.0	0.0	50.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	82.15	-49.3	-2.6	0.0	-0.1		0.0	3.5	54.5	0.0	-5.7	0.0	48.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	82.15	-49.3	-2.6	0.0	-0.1		0.0	3.5	54.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-6.3	1.2	50.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-4.0	0.0	51.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-5.7	0.0	49.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-9.3	1.2	47.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-7.0	0.0	48.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0	-8.8	0.0	46.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	66.36	-47.4	-3.0	0.0	-0.1		0.0	3.1	55.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 59.0 dB(A) Lr,lim dB(A) Leq,d 60.2 dB(A) Leq,e 58.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	71.43	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0	-6.3	1.2	50.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	71.43	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0	-4.0	0.0	51.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	71.43	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0	-5.7	0.0	49.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	71.43	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-9.3	1.2	48.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-7.0	0.0	49.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-8.8	0.0	47.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-6.3	1.2	51.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-4.0	0.0	52.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-5.7	0.0	50.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	55.56	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0	-6.3	1.2	49.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	55.56	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0	-4.0	0.0	50.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	55.56	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0	-5.7	0.0	48.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	55.56	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.60	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0	-6.3	1.2	50.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0	-4.0	0.0	51.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0	-5.7	0.0	49.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-6.3	1.2	51.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-4.0	0.0	52.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-5.7	0.0	50.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-9.3	1.2	48.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-7.0	0.0	49.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0	-8.8	0.0	47.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.56	-45.9	-3.9	0.0	-0.1		0.0	3.4	56.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 60.2 dB(A) Lr,lim dB(A) Leq,d 61.4 dB(A) Leq,e 59.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	71.55	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0	-6.3	1.2	51.4
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	71.55	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0	-4.0	0.0	52.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	71.55	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0	-5.7	0.0	50.8
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	71.55	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-9.3	1.2	49.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-7.0	0.0	50.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-8.8	0.0	49.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-6.3	1.2	52.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-4.0	0.0	53.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-5.7	0.0	52.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	55.83	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	55.83	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	55.83	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0	-5.7	0.0	48.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	55.83	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.85	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.65	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.6	0.0	-6.3	1.2	51.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.65	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.6	0.0	-4.0	0.0	52.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.65	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.6	0.0	-5.7	0.0	50.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.65	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-6.3	1.2	52.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-4.0	0.0	53.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-5.7	0.0	52.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-9.3	1.2	49.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-7.0	0.0	50.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-8.8	0.0	49.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.83	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 61.1 dB(A) Lr,lim dB(A) Leq,d 62.2 dB(A) Leq,e 60.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	71.89	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0	-6.3	1.2	52.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	71.89	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0	-4.0	0.0	53.2
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	71.89	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0	-5.7	0.0	51.4
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	71.89	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-9.3	1.2	50.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-7.0	0.0	52.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-8.8	0.0	50.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-6.3	1.2	53.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-4.0	0.0	55.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-5.7	0.0	53.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	56.36	-46.0	-2.1	0.0	-0.5		0.0	3.2	54.6	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	56.36	-46.0	-2.1	0.0	-0.5		0.0	3.2	54.6	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	56.36	-46.0	-2.1	0.0	-0.5		0.0	3.2	54.6	0.0	-5.7	0.0	48.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	56.36	-46.0	-2.1	0.0	-0.5		0.0	3.2	54.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-6.3	1.2	51.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-4.0	0.0	52.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0	-5.7	0.0	51.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.33	-48.2	-1.6	0.0	-0.1		0.0	3.7	56.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.96	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0	-6.3	1.2	52.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.96	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0	-4.0	0.0	53.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.96	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0	-5.7	0.0	51.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.96	-48.1	-1.2	0.0	-0.1		0.0	3.6	57.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-6.3	1.2	53.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-4.0	0.0	55.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-5.7	0.0	53.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-9.3	1.2	50.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-7.0	0.0	52.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0	-8.8	0.0	50.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	56.36	-46.0	-1.0	0.0	-0.1		0.0	3.0	59.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 61.3 dB(A) Lr,lim dB(A) Leq,d 62.5 dB(A) Leq,e 60.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	72.46	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0	-6.3	1.2	52.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	72.46	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0	-4.0	0.0	53.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	72.46	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0	-5.7	0.0	51.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	72.46	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-9.3	1.2	51.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-7.0	0.0	52.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-8.8	0.0	50.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-6.3	1.2	54.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-4.0	0.0	55.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-5.7	0.0	53.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	57.13	-46.1	-2.1	0.0	-0.5		0.0	3.3	54.5	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	57.13	-46.1	-2.1	0.0	-0.5		0.0	3.3	54.5	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	57.13	-46.1	-2.1	0.0	-0.5		0.0	3.3	54.5	0.0	-5.7	0.0	48.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	57.13	-46.1	-2.1	0.0	-0.5		0.0	3.3	54.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-6.3	1.2	52.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-4.0	0.0	53.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0	-5.7	0.0	51.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	73.02	-48.3	-1.1	0.0	-0.1		0.0	3.7	57.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	72.51	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0	-6.3	1.2	52.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	72.51	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0	-4.0	0.0	53.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	72.51	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0	-5.7	0.0	51.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	72.51	-48.2	-0.8	0.0	-0.1		0.0	3.7	57.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-6.3	1.2	54.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-4.0	0.0	55.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-5.7	0.0	53.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-9.3	1.2	51.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-7.0	0.0	52.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0	-8.8	0.0	50.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	57.13	-46.1	-0.6	0.0	-0.1		0.0	3.1	59.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 55.3 dB(A) Lr,lim dB(A) Leq,d 56.5 dB(A) Leq,e 54.7 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	84.56	-49.5	-3.8	0.0	-0.1		0.0	2.4	51.9	0.0	-6.3	1.2	46.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	84.56	-49.5	-3.8	0.0	-0.1		0.0	2.4	51.9	0.0	-4.0	0.0	47.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	84.56	-49.5	-3.8	0.0	-0.1		0.0	2.4	51.9	0.0	-5.7	0.0	46.2
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	84.56	-49.5	-3.8	0.0	-0.1		0.0	2.4	51.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-9.3	1.2	44.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-7.0	0.0	45.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-8.8	0.0	43.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-6.3	1.2	47.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-4.0	0.0	48.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-5.7	0.0	46.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	70.14	-47.9	-2.6	0.0	-0.7		0.0	1.7	50.5	0.0	-6.3	1.2	45.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	70.14	-47.9	-2.6	0.0	-0.7		0.0	1.7	50.5	0.0	-4.0	0.0	46.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	70.14	-47.9	-2.6	0.0	-0.7		0.0	1.7	50.5	0.0	-5.7	0.0	44.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	70.14	-47.9	-2.6	0.0	-0.7		0.0	1.7	50.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-6.3	1.2	46.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-4.0	0.0	47.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0	-5.7	0.0	45.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.71	-49.6	-4.3	0.0	-0.2		0.0	2.5	51.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.69	-49.5	-3.7	0.0	-0.1		0.0	2.4	52.0	0.0	-6.3	1.2	46.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.69	-49.5	-3.7	0.0	-0.1		0.0	2.4	52.0	0.0	-4.0	0.0	48.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.69	-49.5	-3.7	0.0	-0.1		0.0	2.4	52.0	0.0	-5.7	0.0	46.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.69	-49.5	-3.7	0.0	-0.1		0.0	2.4	52.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-6.3	1.2	47.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-4.0	0.0	48.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-5.7	0.0	46.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-9.3	1.2	44.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-7.0	0.0	45.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0	-8.8	0.0	43.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.14	-47.9	-4.2	0.0	-0.1		0.0	1.9	52.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 56.1 dB(A) Lr,lim dB(A) Leq,d 57.3 dB(A) Leq,e 55.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	84.62	-49.5	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0	-6.3	1.2	47.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	84.62	-49.5	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0	-4.0	0.0	48.7
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	84.62	-49.5	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0	-5.7	0.0	46.9
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	84.62	-49.5	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-9.3	1.2	45.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-7.0	0.0	46.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-8.8	0.0	44.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-6.3	1.2	48.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-4.0	0.0	49.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-5.7	0.0	47.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	70.32	-47.9	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0	-6.3	1.2	45.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	70.32	-47.9	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0	-4.0	0.0	46.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	70.32	-47.9	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0	-5.7	0.0	44.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	70.32	-47.9	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-6.3	1.2	47.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-4.0	0.0	48.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0	-5.7	0.0	46.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.86	-49.6	-3.4	0.0	-0.1		0.0	2.3	52.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.74	-49.6	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0	-6.3	1.2	47.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.74	-49.6	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0	-4.0	0.0	48.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.74	-49.6	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0	-5.7	0.0	47.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.74	-49.6	-2.8	0.0	-0.1		0.0	2.2	52.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-6.3	1.2	48.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-4.0	0.0	49.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-5.7	0.0	47.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-9.3	1.2	45.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-7.0	0.0	46.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0	-8.8	0.0	44.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.32	-47.9	-3.1	0.0	-0.1		0.0	1.7	53.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 56.9 dB(A) Lr,lim dB(A) Leq,d 58.1 dB(A) Leq,e 56.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	84.83	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.4	0.0	-6.3	1.2	48.2
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	84.83	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.4	0.0	-4.0	0.0	49.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	84.83	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.4	0.0	-5.7	0.0	47.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	84.83	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-9.3	1.2	46.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-7.0	0.0	47.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-8.8	0.0	45.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-5.7	0.0	48.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	70.68	-48.0	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0	-6.3	1.2	45.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	70.68	-48.0	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0	-4.0	0.0	46.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	70.68	-48.0	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0	-5.7	0.0	45.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	70.68	-48.0	-2.4	0.0	-0.7		0.0	1.7	50.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-6.3	1.2	47.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-4.0	0.0	48.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0	-5.7	0.0	47.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.16	-49.6	-2.5	0.0	-0.1		0.0	2.2	52.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	84.93	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.5	0.0	-6.3	1.2	48.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	84.93	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.5	0.0	-4.0	0.0	49.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	84.93	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.5	0.0	-5.7	0.0	47.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	84.93	-49.6	-1.9	0.0	-0.1		0.0	2.1	53.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-5.7	0.0	48.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-9.3	1.2	46.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-7.0	0.0	47.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0	-8.8	0.0	45.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	70.68	-48.0	-2.0	0.0	-0.1		0.0	1.6	54.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 57.6 dB(A) Lr,lim dB(A) Leq,d 58.7 dB(A) Leq,e 57.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	85.18	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0	-6.3	1.2	48.8
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	85.18	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0	-4.0	0.0	50.0
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	85.18	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0	-5.7	0.0	48.2
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	85.18	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-9.3	1.2	47.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-7.0	0.0	48.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-8.8	0.0	46.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-6.3	1.2	50.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-4.0	0.0	51.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-5.7	0.0	49.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	71.19	-48.0	-2.3	0.0	-0.7		0.0	1.8	50.7	0.0	-6.3	1.2	45.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	71.19	-48.0	-2.3	0.0	-0.7		0.0	1.8	50.7	0.0	-4.0	0.0	46.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	71.19	-48.0	-2.3	0.0	-0.7		0.0	1.8	50.7	0.0	-5.7	0.0	45.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	71.19	-48.0	-2.3	0.0	-0.7		0.0	1.8	50.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-6.3	1.2	48.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-4.0	0.0	49.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0	-5.7	0.0	47.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.61	-49.6	-1.7	0.0	-0.1		0.0	2.1	53.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	85.28	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0	-6.3	1.2	48.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	85.28	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0	-4.0	0.0	50.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	85.28	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0	-5.7	0.0	48.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	85.28	-49.6	-1.3	0.0	-0.1		0.0	2.1	54.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-6.3	1.2	50.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-4.0	0.0	51.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-5.7	0.0	49.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-9.3	1.2	47.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-7.0	0.0	48.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0	-8.8	0.0	46.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	71.19	-48.0	-1.1	0.0	-0.1		0.0	1.6	55.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 59.0 dB(A) Lr,lim dB(A) Leq,d 60.2 dB(A) Leq,e 58.4 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	71.33	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0	-6.3	1.2	50.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	71.33	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0	-4.0	0.0	51.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	71.33	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0	-5.7	0.0	49.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	71.33	-48.1	-3.3	0.0	-0.1		0.0	3.9	55.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-9.3	1.2	48.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-7.0	0.0	49.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-8.8	0.0	47.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-6.3	1.2	51.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-4.0	0.0	52.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-5.7	0.0	50.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	55.58	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0	-6.3	1.2	49.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	55.58	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0	-4.0	0.0	50.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	55.58	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0	-5.7	0.0	48.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	55.58	-45.9	-2.4	0.0	-0.5		0.0	3.2	54.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-6.3	1.2	49.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-4.0	0.0	50.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0	-5.7	0.0	49.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.52	-48.1	-4.1	0.0	-0.1		0.0	4.1	54.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.49	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0	-6.3	1.2	50.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.49	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0	-4.0	0.0	51.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.49	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0	-5.7	0.0	49.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.49	-48.1	-3.1	0.0	-0.1		0.0	3.9	55.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-6.3	1.2	51.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-4.0	0.0	52.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-5.7	0.0	50.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-9.3	1.2	48.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-7.0	0.0	49.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0	-8.8	0.0	47.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.58	-45.9	-3.9	0.0	-0.1		0.0	3.3	56.4	0.0			

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Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R2 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 60.2 dB(A) Lr,lim dB(A) Leq,d 61.4 dB(A) Leq,e 59.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	71.44	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0	-6.3	1.2	51.4
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	71.44	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0	-4.0	0.0	52.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	71.44	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0	-5.7	0.0	50.8
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	71.44	-48.1	-1.9	0.0	-0.1		0.0	3.7	56.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-9.3	1.2	49.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-7.0	0.0	50.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-8.8	0.0	49.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-6.3	1.2	52.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-4.0	0.0	53.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-5.7	0.0	52.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	55.86	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0	-6.3	1.2	49.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	55.86	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0	-4.0	0.0	50.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	55.86	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0	-5.7	0.0	48.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	55.86	-45.9	-2.2	0.0	-0.5		0.0	3.2	54.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-6.3	1.2	50.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-4.0	0.0	51.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0	-5.7	0.0	50.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.77	-48.1	-2.7	0.0	-0.1		0.0	3.8	55.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.7	0.0	-6.3	1.2	51.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.7	0.0	-4.0	0.0	52.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.7	0.0	-5.7	0.0	50.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	71.57	-48.1	-1.8	0.0	-0.1		0.0	3.7	56.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-6.3	1.2	52.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-4.0	0.0	53.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-5.7	0.0	52.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-9.3	1.2	49.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-7.0	0.0	50.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0	-8.8	0.0	49.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	55.86	-45.9	-2.2	0.0	-0.1		0.0	3.1	57.9	0.0			

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Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R3	Residential	Fl G	Lr,lim dB(A)		Lr,lim dB(A)		Lr,lim dB(A)		Lr 41.8 dB(A)		Lr,lim dB(A)		Leq,d 43.0 dB(A)		Leq,e 41.2 dB(A)		Leq,n dB(A)					
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	93.26	-50.4	-4.0	-19.9	-0.2		0.0	12.1	40.7	0.0	-6.3	1.2	35.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	93.26	-50.4	-4.0	-19.9	-0.2		0.0	12.1	40.7	0.0	-4.0	0.0	36.7
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	93.26	-50.4	-4.0	-19.9	-0.2		0.0	12.1	40.7	0.0	-5.7	0.0	34.9
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	93.26	-50.4	-4.0	-19.9	-0.2		0.0	12.1	40.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-9.3	1.2	28.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-7.0	0.0	29.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-8.8	0.0	27.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-6.3	1.2	31.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-4.0	0.0	32.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-5.7	0.0	30.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	107.89	-51.7	-2.9	-18.7	-0.4		0.0	7.1	33.5	0.0	-6.3	1.2	28.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	107.89	-51.7	-2.9	-18.7	-0.4		0.0	7.1	33.5	0.0	-4.0	0.0	29.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	107.89	-51.7	-2.9	-18.7	-0.4		0.0	7.1	33.5	0.0	-5.7	0.0	27.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	107.89	-51.7	-2.9	-18.7	-0.4		0.0	7.1	33.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.26	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.26	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-4.0	0.0	36.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.26	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.26	-50.4	-4.5	-19.6	-0.2		0.0	11.9	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.0	-19.9	-0.2		0.0	12.2	40.7	0.0	-6.3	1.2	35.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.0	-19.9	-0.2		0.0	12.2	40.7	0.0	-4.0	0.0	36.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.0	-19.9	-0.2		0.0	12.2	40.7	0.0	-5.7	0.0	35.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.25	-50.4	-4.0	-19.9	-0.2		0.0	12.2	40.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-6.3	1.2	31.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-4.0	0.0	32.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-5.7	0.0	30.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-9.3	1.2	28.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-7.0	0.0	29.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0	-8.8	0.0	27.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.89	-51.7	-4.5	-19.5	-0.2		0.0	9.1	36.3	0.0			

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Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3	Residential	Fl F2	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 42.3	dB(A)	Lr,lim	dB(A)	Leq,d 43.5	dB(A)	Leq,e 41.7	dB(A)	Leq,n	dB(A)					
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	93.29	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0	-6.3	1.2	36.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	93.29	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0	-4.0	0.0	37.2
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	93.29	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0	-5.7	0.0	35.4
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	93.29	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-9.3	1.2	28.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-7.0	0.0	29.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-8.8	0.0	28.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-6.3	1.2	31.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-4.0	0.0	32.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-5.7	0.0	31.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	107.97	-51.7	-2.8	-19.0	-0.4		0.0	7.5	33.7	0.0	-6.3	1.2	28.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	107.97	-51.7	-2.8	-19.0	-0.4		0.0	7.5	33.7	0.0	-4.0	0.0	29.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	107.97	-51.7	-2.8	-19.0	-0.4		0.0	7.5	33.7	0.0	-5.7	0.0	28.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	107.97	-51.7	-2.8	-19.0	-0.4		0.0	7.5	33.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.36	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-6.3	1.2	35.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.36	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-4.0	0.0	36.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.36	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0	-5.7	0.0	35.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.36	-50.4	-3.8	-19.9	-0.2		0.0	12.1	40.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.28	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0	-6.3	1.2	36.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.28	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0	-4.0	0.0	37.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.28	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0	-5.7	0.0	35.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.28	-50.4	-3.3	-20.0	-0.2		0.0	12.1	41.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-6.3	1.2	31.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-4.0	0.0	32.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-5.7	0.0	31.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-9.3	1.2	28.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-7.0	0.0	29.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0	-8.8	0.0	28.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	107.97	-51.7	-4.0	-19.4	-0.2		0.0	9.1	36.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3	Residential	Fl F3	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 42.9	dB(A)	Lr,lim	dB(A)	Leq,d 44.0	dB(A)	Leq,e 42.3	dB(A)	Leq,n	dB(A)					
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	93.41	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0	-6.3	1.2	36.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	93.41	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0	-4.0	0.0	37.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	93.41	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0	-5.7	0.0	36.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	93.41	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-9.3	1.2	29.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-7.0	0.0	30.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-8.8	0.0	28.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-6.3	1.2	32.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-4.0	0.0	33.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-5.7	0.0	31.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	108.13	-51.7	-2.8	-18.3	-0.3		0.0	7.1	34.1	0.0	-6.3	1.2	28.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	108.13	-51.7	-2.8	-18.3	-0.3		0.0	7.1	34.1	0.0	-4.0	0.0	30.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	108.13	-51.7	-2.8	-18.3	-0.3		0.0	7.1	34.1	0.0	-5.7	0.0	28.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	108.13	-51.7	-2.8	-18.3	-0.3		0.0	7.1	34.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.55	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-6.3	1.2	36.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.55	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-4.0	0.0	37.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.55	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0	-5.7	0.0	35.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.55	-50.4	-3.2	-19.8	-0.2		0.0	11.9	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.39	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0	-6.3	1.2	36.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.39	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0	-4.0	0.0	37.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.39	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0	-5.7	0.0	36.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.39	-50.4	-2.7	-19.7	-0.2		0.0	11.8	41.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-6.3	1.2	32.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-4.0	0.0	33.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-5.7	0.0	31.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-9.3	1.2	29.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-7.0	0.0	30.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0	-8.8	0.0	28.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.13	-51.7	-3.5	-18.8	-0.2		0.0	8.7	37.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3	Residential	Fl F4	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 43.6	dB(A)	Lr,lim	dB(A)	Leq,d 44.7	dB(A)	Leq,e 43.0	dB(A)	Leq,n	dB(A)					
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	93.63	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0	-6.3	1.2	37.2
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	93.63	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0	-4.0	0.0	38.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	93.63	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0	-5.7	0.0	36.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	93.63	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-9.3	1.2	30.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-7.0	0.0	31.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-8.8	0.0	29.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-6.3	1.2	33.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-4.0	0.0	34.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-5.7	0.0	32.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	108.37	-51.7	-2.7	-17.5	-0.3		0.0	6.8	34.6	0.0	-6.3	1.2	29.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	108.37	-51.7	-2.7	-17.5	-0.3		0.0	6.8	34.6	0.0	-4.0	0.0	30.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	108.37	-51.7	-2.7	-17.5	-0.3		0.0	6.8	34.6	0.0	-5.7	0.0	28.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	108.37	-51.7	-2.7	-17.5	-0.3		0.0	6.8	34.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.83	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.83	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.83	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.83	-50.4	-2.5	-19.5	-0.2		0.0	11.6	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	93.61	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0	-6.3	1.2	37.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	93.61	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0	-4.0	0.0	38.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	93.61	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0	-5.7	0.0	36.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	93.61	-50.4	-2.0	-19.2	-0.2		0.0	11.3	42.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-6.3	1.2	33.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-4.0	0.0	34.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-5.7	0.0	32.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-9.3	1.2	30.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-7.0	0.0	31.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0	-8.8	0.0	29.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	108.37	-51.7	-2.9	-18.1	-0.2		0.0	8.3	38.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.2 dB(A) Lr,lim dB(A) Leq,d 43.4 dB(A) Leq,e 41.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	95.51	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0	-6.3	1.2	34.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	95.51	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	95.51	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0	-5.7	0.0	33.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	95.51	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-9.3	1.2	30.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-7.0	0.0	32.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-8.8	0.0	30.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-6.3	1.2	33.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-4.0	0.0	35.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-5.7	0.0	33.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	96.08	-50.6	-2.9	-19.4	-0.4		0.0	9.1	35.9	0.0	-6.3	1.2	30.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	96.08	-50.6	-2.9	-19.4	-0.4		0.0	9.1	35.9	0.0	-4.0	0.0	31.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	96.08	-50.6	-2.9	-19.4	-0.4		0.0	9.1	35.9	0.0	-5.7	0.0	30.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	96.08	-50.6	-2.9	-19.4	-0.4		0.0	9.1	35.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-6.3	1.2	34.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0	-5.7	0.0	33.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.54	-50.6	-4.5	-19.6	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.53	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0	-6.3	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.53	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.53	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0	-5.7	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.53	-50.6	-4.0	-20.0	-0.2		0.0	11.3	39.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-6.3	1.2	33.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-4.0	0.0	35.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-5.7	0.0	33.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-9.3	1.2	30.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-7.0	0.0	32.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0	-8.8	0.0	30.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.08	-50.6	-4.5	-19.7	-0.2		0.0	11.0	39.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R3 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.5 dB(A) Lr,lim dB(A) Leq,d 43.6 dB(A) Leq,e 41.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	95.54	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0	-6.3	1.2	34.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	95.54	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0	-4.0	0.0	35.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	95.54	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0	-5.7	0.0	34.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	95.54	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-9.3	1.2	31.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-7.0	0.0	32.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-8.8	0.0	30.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-6.3	1.2	34.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-4.0	0.0	35.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-5.7	0.0	33.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	96.18	-50.7	-2.8	-19.8	-0.4		0.0	9.7	36.1	0.0	-6.3	1.2	30.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	96.18	-50.7	-2.8	-19.8	-0.4		0.0	9.7	36.1	0.0	-4.0	0.0	32.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	96.18	-50.7	-2.8	-19.8	-0.4		0.0	9.7	36.1	0.0	-5.7	0.0	30.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	96.18	-50.7	-2.8	-19.8	-0.4		0.0	9.7	36.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-6.3	1.2	34.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-4.0	0.0	35.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0	-5.7	0.0	33.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.63	-50.6	-3.9	-20.1	-0.2		0.0	11.4	39.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	95.55	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0	-6.3	1.2	34.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	95.55	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0	-4.0	0.0	35.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	95.55	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0	-5.7	0.0	34.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	95.55	-50.6	-3.4	-20.5	-0.2		0.0	11.4	39.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-6.3	1.2	34.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-4.0	0.0	35.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-5.7	0.0	33.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-9.3	1.2	31.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-7.0	0.0	32.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0	-8.8	0.0	30.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	96.18	-50.7	-3.8	-20.2	-0.2		0.0	11.2	39.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R4 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.7 dB(A) Lr,lim dB(A) Leq,d 48.9 dB(A) Leq,e 47.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	101.81	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0	-6.3	1.2	39.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	101.81	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0	-4.0	0.0	40.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	101.81	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0	-5.7	0.0	39.1
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	101.81	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-9.3	1.2	36.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-7.0	0.0	37.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-8.8	0.0	36.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-6.3	1.2	39.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-4.0	0.0	40.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-5.7	0.0	39.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	98.64	-50.9	-3.3	-6.0	-0.8		0.0	3.0	41.9	0.0	-6.3	1.2	36.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	98.64	-50.9	-3.3	-6.0	-0.8		0.0	3.0	41.9	0.0	-4.0	0.0	38.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	98.64	-50.9	-3.3	-6.0	-0.8		0.0	3.0	41.9	0.0	-5.7	0.0	36.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	98.64	-50.9	-3.3	-6.0	-0.8		0.0	3.0	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-4.0	0.0	40.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.75	-51.1	-4.8	-5.9	-0.2		0.0	3.4	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0	-6.3	1.2	39.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0	-4.0	0.0	40.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0	-5.7	0.0	39.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-4.4	-5.7	-0.2		0.0	3.3	44.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-6.3	1.2	39.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-4.0	0.0	40.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-5.7	0.0	39.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-9.3	1.2	36.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-7.0	0.0	37.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0	-8.8	0.0	36.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.64	-50.9	-4.8	-6.0	-0.2		0.0	3.6	44.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R4 School Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 49.2 dB(A) Lr,lim dB(A) Leq,d 50.4 dB(A) Leq,e 48.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	101.80	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0	-6.3	1.2	41.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	101.80	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0	-4.0	0.0	42.7
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	101.80	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0	-5.7	0.0	40.9
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	101.80	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-9.3	1.2	37.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-7.0	0.0	39.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-8.8	0.0	37.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-6.3	1.2	40.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-4.0	0.0	42.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-5.7	0.0	40.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	98.68	-50.9	-2.8	-5.8	-0.7		0.0	3.3	43.1	0.0	-6.3	1.2	37.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	98.68	-50.9	-2.8	-5.8	-0.7		0.0	3.3	43.1	0.0	-4.0	0.0	39.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	98.68	-50.9	-2.8	-5.8	-0.7		0.0	3.3	43.1	0.0	-5.7	0.0	37.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	98.68	-50.9	-2.8	-5.8	-0.7		0.0	3.3	43.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-6.3	1.2	40.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-4.0	0.0	41.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0	-5.7	0.0	40.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.81	-51.1	-4.2	-5.1	-0.2		0.0	3.4	45.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0	-6.3	1.2	41.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0	-4.0	0.0	42.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0	-5.7	0.0	41.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.78	-51.1	-3.8	-4.3	-0.2		0.0	3.2	46.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-6.3	1.2	40.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-4.0	0.0	42.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-5.7	0.0	40.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-9.3	1.2	37.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-7.0	0.0	39.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0	-8.8	0.0	37.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.69	-50.9	-4.2	-5.4	-0.2		0.0	3.6	46.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R4 School Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.4 dB(A) Lr,lim dB(A) Leq,d 52.6 dB(A) Leq,e 50.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	101.85	-51.2	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0	-6.3	1.2	44.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	101.85	-51.2	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0	-4.0	0.0	45.1
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	101.85	-51.2	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0	-5.7	0.0	43.4
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	101.85	-51.2	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-9.3	1.2	39.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-7.0	0.0	41.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-8.8	0.0	39.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-6.3	1.2	42.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-4.0	0.0	44.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-5.7	0.0	42.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	98.83	-50.9	-2.7	-4.5	-0.7		0.0	3.2	44.4	0.0	-6.3	1.2	39.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	98.83	-50.9	-2.7	-4.5	-0.7		0.0	3.2	44.4	0.0	-4.0	0.0	40.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	98.83	-50.9	-2.7	-4.5	-0.7		0.0	3.2	44.4	0.0	-5.7	0.0	38.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	98.83	-50.9	-2.7	-4.5	-0.7		0.0	3.2	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-6.3	1.2	43.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-4.0	0.0	44.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0	-5.7	0.0	42.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.93	-51.2	-3.6	-2.4	-0.2		0.0	2.9	48.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	101.83	-51.1	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0	-6.3	1.2	44.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	101.83	-51.1	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0	-4.0	0.0	45.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	101.83	-51.1	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0	-5.7	0.0	43.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	101.83	-51.1	-3.2	-1.8	-0.2		0.0	2.5	49.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-6.3	1.2	42.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-4.0	0.0	44.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-5.7	0.0	42.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-9.3	1.2	39.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-7.0	0.0	41.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0	-8.8	0.0	39.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	98.81	-50.9	-3.5	-3.3	-0.2		0.0	3.0	48.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 30.2 dB(A) Lr,lim dB(A) Leq,d 31.4 dB(A) Leq,e 29.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	149.33	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0	-6.3	1.2	22.2
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	149.33	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0	-4.0	0.0	23.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	149.33	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0	-5.7	0.0	21.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	149.33	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-9.3	1.2	18.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-7.0	0.0	19.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-8.8	0.0	18.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-6.3	1.2	21.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-4.0	0.0	22.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-5.7	0.0	21.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	168.75	-55.5	-3.0	-18.8	-0.5		0.0	3.3	25.5	0.0	-6.3	1.2	20.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	168.75	-55.5	-3.0	-18.8	-0.5		0.0	3.3	25.5	0.0	-4.0	0.0	21.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	168.75	-55.5	-3.0	-18.8	-0.5		0.0	3.3	25.5	0.0	-5.7	0.0	19.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	168.75	-55.5	-3.0	-18.8	-0.5		0.0	3.3	25.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-6.3	1.2	22.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-4.0	0.0	23.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0	-5.7	0.0	21.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.6	-18.8	-0.3		0.0	2.4	27.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0	-6.3	1.2	22.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0	-4.0	0.0	23.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0	-5.7	0.0	21.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.31	-54.5	-4.3	-18.9	-0.3		0.0	2.4	27.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-6.3	1.2	21.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-4.0	0.0	22.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-5.7	0.0	21.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-9.3	1.2	18.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-7.0	0.0	19.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0	-8.8	0.0	18.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.75	-55.5	-4.6	-19.1	-0.3		0.0	3.3	26.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 30.4 dB(A) Lr,lim dB(A) Leq,d 31.6 dB(A) Leq,e 29.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	149.35	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0	-6.3	1.2	22.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	149.35	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0	-4.0	0.0	23.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	149.35	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0	-5.7	0.0	21.9
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	149.35	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-9.3	1.2	18.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-7.0	0.0	20.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-8.8	0.0	18.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-6.3	1.2	21.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-4.0	0.0	23.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-5.7	0.0	21.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	168.80	-55.5	-3.0	-19.1	-0.6		0.0	3.6	25.4	0.0	-6.3	1.2	20.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	168.80	-55.5	-3.0	-19.1	-0.6		0.0	3.6	25.4	0.0	-4.0	0.0	21.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	168.80	-55.5	-3.0	-19.1	-0.6		0.0	3.6	25.4	0.0	-5.7	0.0	19.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	168.80	-55.5	-3.0	-19.1	-0.6		0.0	3.6	25.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-6.3	1.2	22.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-4.0	0.0	23.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0	-5.7	0.0	21.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.37	-54.5	-4.2	-19.0	-0.3		0.0	2.4	27.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.33	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0	-6.3	1.2	22.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.33	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0	-4.0	0.0	23.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.33	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0	-5.7	0.0	21.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.33	-54.5	-4.0	-19.1	-0.3		0.0	2.5	27.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-6.3	1.2	21.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-4.0	0.0	23.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-5.7	0.0	21.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-9.3	1.2	18.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-7.0	0.0	20.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0	-8.8	0.0	18.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.80	-55.5	-4.3	-19.2	-0.3		0.0	3.4	27.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 30.9 dB(A) Lr,lim dB(A) Leq,d 32.0 dB(A) Leq,e 30.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	149.43	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0	-6.3	1.2	22.9
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	149.43	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0	-4.0	0.0	24.1
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	149.43	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0	-5.7	0.0	22.3
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	149.43	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-9.3	1.2	19.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-7.0	0.0	20.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-8.8	0.0	18.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-6.3	1.2	22.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-4.0	0.0	23.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-5.7	0.0	21.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	168.90	-55.5	-2.9	-18.9	-0.6		0.0	3.6	25.7	0.0	-6.3	1.2	20.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	168.90	-55.5	-2.9	-18.9	-0.6		0.0	3.6	25.7	0.0	-4.0	0.0	21.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	168.90	-55.5	-2.9	-18.9	-0.6		0.0	3.6	25.7	0.0	-5.7	0.0	20.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	168.90	-55.5	-2.9	-18.9	-0.6		0.0	3.6	25.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-6.3	1.2	22.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-4.0	0.0	23.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0	-5.7	0.0	22.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.49	-54.5	-3.9	-19.1	-0.3		0.0	2.5	27.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.40	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0	-6.3	1.2	23.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.40	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0	-4.0	0.0	24.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.40	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0	-5.7	0.0	22.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.40	-54.5	-3.6	-19.1	-0.3		0.0	2.5	28.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-6.3	1.2	22.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-4.0	0.0	23.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-5.7	0.0	21.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-9.3	1.2	19.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-7.0	0.0	20.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0	-8.8	0.0	18.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	168.90	-55.5	-4.0	-19.1	-0.3		0.0	3.5	27.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 31.6 dB(A) Lr,lim dB(A) Leq,d 32.7 dB(A) Leq,e 31.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	149.55	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.8	0.0	-6.3	1.2	23.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	149.55	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.8	0.0	-4.0	0.0	24.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	149.55	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.8	0.0	-5.7	0.0	23.1
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	149.55	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-9.3	1.2	20.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-7.0	0.0	21.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-8.8	0.0	19.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-6.3	1.2	23.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-4.0	0.0	24.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-5.7	0.0	22.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	169.05	-55.6	-2.8	-18.4	-0.5		0.0	2.9	25.6	0.0	-6.3	1.2	20.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	169.05	-55.6	-2.8	-18.4	-0.5		0.0	2.9	25.6	0.0	-4.0	0.0	21.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	169.05	-55.6	-2.8	-18.4	-0.5		0.0	2.9	25.6	0.0	-5.7	0.0	19.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	169.05	-55.6	-2.8	-18.4	-0.5		0.0	2.9	25.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-6.3	1.2	23.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-4.0	0.0	24.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0	-5.7	0.0	22.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.66	-54.5	-3.5	-18.9	-0.3		0.0	2.6	28.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	149.52	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.9	0.0	-6.3	1.2	23.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	149.52	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.9	0.0	-4.0	0.0	24.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	149.52	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.9	0.0	-5.7	0.0	23.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	149.52	-54.5	-3.2	-18.8	-0.3		0.0	2.7	28.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-6.3	1.2	23.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-4.0	0.0	24.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-5.7	0.0	22.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-9.3	1.2	20.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-7.0	0.0	21.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0	-8.8	0.0	19.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	169.05	-55.6	-3.7	-18.6	-0.3		0.0	3.6	28.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 46.1 dB(A) Lr,lim dB(A) Leq,d 47.2 dB(A) Leq,e 45.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	111.33	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0	-6.3	1.2	39.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	111.33	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0	-4.0	0.0	40.1
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	111.33	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0	-5.7	0.0	38.4
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	111.33	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-9.3	1.2	33.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-7.0	0.0	34.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-8.8	0.0	33.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-6.3	1.2	36.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-4.0	0.0	37.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-5.7	0.0	36.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	131.20	-53.4	-3.0	-5.6	-1.2		0.0	3.4	40.3	0.0	-6.3	1.2	35.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	131.20	-53.4	-3.0	-5.6	-1.2		0.0	3.4	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	131.20	-53.4	-3.0	-5.6	-1.2		0.0	3.4	40.3	0.0	-5.7	0.0	34.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	131.20	-53.4	-3.0	-5.6	-1.2		0.0	3.4	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.5	-4.9	-0.2		0.0	2.3	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0	-6.3	1.2	39.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0	-4.0	0.0	40.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0	-5.7	0.0	38.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.31	-51.9	-4.1	-4.9	-0.2		0.0	2.3	44.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-6.3	1.2	36.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-4.0	0.0	37.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-5.7	0.0	36.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-9.3	1.2	33.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-7.0	0.0	34.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0	-8.8	0.0	33.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.20	-53.4	-4.6	-5.6	-0.2		0.0	2.5	41.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 46.6 dB(A) Lr,lim dB(A) Leq,d 47.7 dB(A) Leq,e 46.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	111.34	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0	-6.3	1.2	39.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	111.34	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0	-4.0	0.0	40.7
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	111.34	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0	-5.7	0.0	39.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	111.34	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-9.3	1.2	34.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-7.0	0.0	35.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-8.8	0.0	33.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-6.3	1.2	37.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-4.0	0.0	38.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-5.7	0.0	36.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	131.26	-53.4	-2.9	-5.6	-1.2		0.0	3.4	40.4	0.0	-6.3	1.2	35.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	131.26	-53.4	-2.9	-5.6	-1.2		0.0	3.4	40.4	0.0	-4.0	0.0	36.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	131.26	-53.4	-2.9	-5.6	-1.2		0.0	3.4	40.4	0.0	-5.7	0.0	34.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	131.26	-53.4	-2.9	-5.6	-1.2		0.0	3.4	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-6.3	1.2	39.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-4.0	0.0	40.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.41	-51.9	-4.0	-4.9	-0.2		0.0	2.3	44.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.33	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0	-6.3	1.2	39.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.33	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0	-4.0	0.0	40.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.33	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0	-5.7	0.0	39.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.33	-51.9	-3.6	-4.8	-0.2		0.0	2.3	44.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-6.3	1.2	37.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-4.0	0.0	38.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-5.7	0.0	36.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-9.3	1.2	34.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-7.0	0.0	35.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0	-8.8	0.0	33.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.27	-53.4	-4.2	-5.5	-0.2		0.0	2.5	42.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R5 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 44.8 dB(A) Lr,lim dB(A) Leq,d 46.0 dB(A) Leq,e 44.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	111.45	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0	-6.3	1.2	37.9
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	111.45	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0	-4.0	0.0	39.1
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	111.45	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0	-5.7	0.0	37.3
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	111.45	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-9.3	1.2	32.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-7.0	0.0	33.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-8.8	0.0	31.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-6.3	1.2	35.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-4.0	0.0	36.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-5.7	0.0	34.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	131.41	-53.4	-2.9	-5.6	-1.2		0.0	1.1	38.1	0.0	-6.3	1.2	33.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	131.41	-53.4	-2.9	-5.6	-1.2		0.0	1.1	38.1	0.0	-4.0	0.0	34.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	131.41	-53.4	-2.9	-5.6	-1.2		0.0	1.1	38.1	0.0	-5.7	0.0	32.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	131.41	-53.4	-2.9	-5.6	-1.2		0.0	1.1	38.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-6.3	1.2	37.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-4.0	0.0	38.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0	-5.7	0.0	36.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.56	-51.9	-3.5	-4.8	-0.2		0.0	0.1	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.44	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0	-6.3	1.2	37.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.44	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0	-4.0	0.0	39.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.44	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0	-5.7	0.0	37.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.44	-51.9	-3.1	-4.8	-0.2		0.0	0.1	43.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-6.3	1.2	35.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-4.0	0.0	36.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-5.7	0.0	34.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-9.3	1.2	32.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-7.0	0.0	33.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0	-8.8	0.0	31.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.42	-53.4	-3.7	-5.4	-0.2		0.0	0.2	40.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 45.3 dB(A) Lr,lim dB(A) Leq,d 46.5 dB(A) Leq,e 44.7 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	111.63	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0	-6.3	1.2	38.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	111.63	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0	-4.0	0.0	39.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	111.63	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0	-5.7	0.0	37.9
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	111.63	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-9.3	1.2	32.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-7.0	0.0	34.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-8.8	0.0	32.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-6.3	1.2	35.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-4.0	0.0	37.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-5.7	0.0	35.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	131.59	-53.4	-2.8	-5.5	-1.1		0.0	1.1	38.2	0.0	-6.3	1.2	33.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	131.59	-53.4	-2.8	-5.5	-1.1		0.0	1.1	38.2	0.0	-4.0	0.0	34.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	131.59	-53.4	-2.8	-5.5	-1.1		0.0	1.1	38.2	0.0	-5.7	0.0	32.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	131.59	-53.4	-2.8	-5.5	-1.1		0.0	1.1	38.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-4.0	0.0	39.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.81	-52.0	-2.9	-4.8	-0.2		0.0	0.1	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.62	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0	-6.3	1.2	38.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.62	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0	-4.0	0.0	39.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.62	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0	-5.7	0.0	37.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.62	-51.9	-2.5	-4.7	-0.2		0.0	0.1	43.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-6.3	1.2	35.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-4.0	0.0	37.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-5.7	0.0	35.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-9.3	1.2	32.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-7.0	0.0	34.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0	-8.8	0.0	32.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.60	-53.4	-3.3	-5.4	-0.2		0.0	0.2	41.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F5 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 45.9 dB(A) Lr,lim dB(A) Leq,d 47.0 dB(A) Leq,e 45.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	111.91	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0	-6.3	1.2	39.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	111.91	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0	-4.0	0.0	40.2
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	111.91	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0	-5.7	0.0	38.5
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	111.91	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-9.3	1.2	33.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-7.0	0.0	34.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-8.8	0.0	32.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-6.3	1.2	36.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-4.0	0.0	37.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-5.7	0.0	35.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	131.82	-53.4	-2.8	-5.5	-1.1		0.0	1.0	38.3	0.0	-6.3	1.2	33.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	131.82	-53.4	-2.8	-5.5	-1.1		0.0	1.0	38.3	0.0	-4.0	0.0	34.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	131.82	-53.4	-2.8	-5.5	-1.1		0.0	1.0	38.3	0.0	-5.7	0.0	32.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	131.82	-53.4	-2.8	-5.5	-1.1		0.0	1.0	38.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.13	-52.0	-2.4	-4.7	-0.2		0.0	0.1	43.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	111.89	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0	-6.3	1.2	39.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	111.89	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0	-4.0	0.0	40.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	111.89	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0	-5.7	0.0	38.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	111.89	-52.0	-2.0	-4.7	-0.2		0.0	0.1	44.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-6.3	1.2	36.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-4.0	0.0	37.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-5.7	0.0	35.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-9.3	1.2	33.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-7.0	0.0	34.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0	-8.8	0.0	32.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	131.83	-53.4	-2.9	-5.3	-0.2		0.0	0.3	41.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R5 Residential Fl F6 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 46.9 dB(A) Lr,lim dB(A) Leq,d 48.0 dB(A) Leq,e 46.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	112.24	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.1	0.0	-6.3	1.2	40.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	112.24	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.1	0.0	-4.0	0.0	41.1
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	112.24	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.1	0.0	-5.7	0.0	39.4
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	112.24	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	132.11	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-9.3	1.2	34.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	132.11	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-7.0	0.0	35.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	132.11	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-8.8	0.0	34.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	132.11	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-5.7	0.0	37.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	132.12	-53.4	-2.8	-5.0	-1.1		0.0	1.0	38.7	0.0	-6.3	1.2	33.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	132.12	-53.4	-2.8	-5.0	-1.1		0.0	1.0	38.7	0.0	-4.0	0.0	34.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	132.12	-53.4	-2.8	-5.0	-1.1		0.0	1.0	38.7	0.0	-5.7	0.0	33.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	132.12	-53.4	-2.8	-5.0	-1.1		0.0	1.0	38.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-6.3	1.2	39.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-4.0	0.0	40.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0	-5.7	0.0	38.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.48	-52.0	-1.9	-4.5	-0.2		0.0	0.2	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	112.23	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.2	0.0	-6.3	1.2	40.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	112.23	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.2	0.0	-4.0	0.0	41.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	112.23	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.2	0.0	-5.7	0.0	39.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	112.23	-52.0	-1.5	-4.4	-0.2		0.0	0.2	45.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-5.7	0.0	37.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-9.3	1.2	34.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-7.0	0.0	35.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0	-8.8	0.0	34.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	132.13	-53.4	-2.5	-4.7	-0.2		0.0	0.6	42.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R6 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.1 dB(A) Lr,lim dB(A) Leq,d 52.3 dB(A) Leq,e 50.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	113.27	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0	-6.3	1.2	43.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	113.27	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0	-4.0	0.0	44.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	113.27	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0	-5.7	0.0	42.5
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	113.27	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-9.3	1.2	39.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-7.0	0.0	41.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-8.8	0.0	39.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-6.3	1.2	42.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-4.0	0.0	44.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-5.7	0.0	42.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	121.86	-52.7	-3.4	-0.1	-1.3		0.0	2.6	45.1	0.0	-6.3	1.2	40.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	121.86	-52.7	-3.4	-0.1	-1.3		0.0	2.6	45.1	0.0	-4.0	0.0	41.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	121.86	-52.7	-3.4	-0.1	-1.3		0.0	2.6	45.1	0.0	-5.7	0.0	39.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	121.86	-52.7	-3.4	-0.1	-1.3		0.0	2.6	45.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-6.3	1.2	42.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-4.0	0.0	44.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0	-5.7	0.0	42.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-4.8	-1.5	-0.2		0.0	3.5	48.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.26	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0	-6.3	1.2	43.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.26	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0	-4.0	0.0	44.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.26	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0	-5.7	0.0	42.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.26	-52.1	-4.4	-1.5	-0.2		0.0	3.5	48.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-6.3	1.2	42.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-4.0	0.0	44.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-5.7	0.0	42.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-9.3	1.2	39.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-7.0	0.0	41.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0	-8.8	0.0	39.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.86	-52.7	-4.8	-0.1	-0.2		0.0	2.9	48.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R6 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.6 dB(A) Lr,lim dB(A) Leq,d 52.8 dB(A) Leq,e 51.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	113.26	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0	-6.3	1.2	43.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	113.26	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0	-4.0	0.0	44.7
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	113.26	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0	-5.7	0.0	43.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	113.26	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-9.3	1.2	40.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-7.0	0.0	41.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-8.8	0.0	39.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-6.3	1.2	43.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-4.0	0.0	44.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-5.7	0.0	42.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	121.90	-52.7	-2.8	-0.1	-1.2		0.0	2.7	45.9	0.0	-6.3	1.2	40.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	121.90	-52.7	-2.8	-0.1	-1.2		0.0	2.7	45.9	0.0	-4.0	0.0	41.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	121.90	-52.7	-2.8	-0.1	-1.2		0.0	2.7	45.9	0.0	-5.7	0.0	40.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	121.90	-52.7	-2.8	-0.1	-1.2		0.0	2.7	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-4.0	0.0	44.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.28	-52.1	-4.3	-1.5	-0.2		0.0	3.4	48.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0	-6.3	1.2	43.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0	-4.0	0.0	44.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0	-5.7	0.0	43.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	113.24	-52.1	-3.9	-1.5	-0.2		0.0	3.4	48.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-6.3	1.2	43.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-4.0	0.0	44.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-5.7	0.0	42.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-9.3	1.2	40.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-7.0	0.0	41.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0	-8.8	0.0	39.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.90	-52.7	-4.3	-0.1	-0.2		0.0	2.8	48.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R7 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.4 dB(A) Lr,lim dB(A) Leq,d 43.6 dB(A) Leq,e 41.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	138.59	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0	-6.3	1.2	34.2
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	138.59	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	138.59	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0	-5.7	0.0	33.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	138.59	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-9.3	1.2	31.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-7.0	0.0	32.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-8.8	0.0	30.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-6.3	1.2	34.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-4.0	0.0	35.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-5.7	0.0	33.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	121.35	-52.7	-2.9	-9.7	-1.0		0.0	4.5	38.2	0.0	-6.3	1.2	33.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	121.35	-52.7	-2.9	-9.7	-1.0		0.0	4.5	38.2	0.0	-4.0	0.0	34.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	121.35	-52.7	-2.9	-9.7	-1.0		0.0	4.5	38.2	0.0	-5.7	0.0	32.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	121.35	-52.7	-2.9	-9.7	-1.0		0.0	4.5	38.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	2.9	39.1	0.0	-6.3	1.2	33.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	2.9	39.1	0.0	-4.0	0.0	35.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	2.9	39.1	0.0	-5.7	0.0	33.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.71	-53.8	-4.6	-8.2	-0.3		0.0	2.9	39.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	138.70	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0	-6.3	1.2	34.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	138.70	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	138.70	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0	-5.7	0.0	33.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	138.70	-53.8	-4.3	-8.2	-0.3		0.0	3.0	39.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-6.3	1.2	34.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-4.0	0.0	35.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-5.7	0.0	33.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-9.3	1.2	31.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-7.0	0.0	32.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0	-8.8	0.0	30.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.35	-52.7	-4.5	-8.7	-0.3		0.0	2.4	39.2	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 49.9 dB(A) Lr,lim dB(A) Leq,d 51.0 dB(A) Leq,e 49.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	120.12	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0	-6.3	1.2	42.4
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	120.12	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0	-4.0	0.0	43.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	120.12	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0	-5.7	0.0	41.8
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	120.12	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-9.3	1.2	38.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-7.0	0.0	39.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-8.8	0.0	37.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-6.3	1.2	41.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-4.0	0.0	42.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-5.7	0.0	40.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	120.39	-52.6	-2.9	-2.3	-1.0		0.0	2.3	43.5	0.0	-6.3	1.2	38.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	120.39	-52.6	-2.9	-2.3	-1.0		0.0	2.3	43.5	0.0	-4.0	0.0	39.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	120.39	-52.6	-2.9	-2.3	-1.0		0.0	2.3	43.5	0.0	-5.7	0.0	37.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	120.39	-52.6	-2.9	-2.3	-1.0		0.0	2.3	43.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.12	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.12	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.12	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0	-5.7	0.0	41.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.12	-52.6	-4.5	-1.2	-0.2		0.0	2.7	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.10	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0	-6.3	1.2	42.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.10	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0	-4.0	0.0	43.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.10	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0	-5.7	0.0	41.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.10	-52.6	-4.2	-1.0	-0.2		0.0	2.6	47.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-6.3	1.2	41.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-4.0	0.0	42.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-5.7	0.0	40.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-9.3	1.2	38.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-7.0	0.0	39.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0	-8.8	0.0	37.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.37	-52.6	-4.5	-1.9	-0.2		0.0	2.5	46.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 50.5 dB(A) Lr,lim dB(A) Leq,d 51.7 dB(A) Leq,e 49.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	120.15	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0	-6.3	1.2	43.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	120.15	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0	-4.0	0.0	44.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	120.15	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0	-5.7	0.0	42.5
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	120.15	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-9.3	1.2	38.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-7.0	0.0	40.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-8.8	0.0	38.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-6.3	1.2	41.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-4.0	0.0	43.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-5.7	0.0	41.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	120.47	-52.6	-2.8	-2.1	-1.0		0.0	2.4	43.7	0.0	-6.3	1.2	38.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	120.47	-52.6	-2.8	-2.1	-1.0		0.0	2.4	43.7	0.0	-4.0	0.0	39.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	120.47	-52.6	-2.8	-2.1	-1.0		0.0	2.4	43.7	0.0	-5.7	0.0	38.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	120.47	-52.6	-2.8	-2.1	-1.0		0.0	2.4	43.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.19	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-6.3	1.2	42.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.19	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-4.0	0.0	43.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.19	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0	-5.7	0.0	42.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.19	-52.6	-4.1	-1.0	-0.2		0.0	2.6	47.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0	-6.3	1.2	43.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0	-4.0	0.0	44.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0	-5.7	0.0	42.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.13	-52.6	-3.7	-0.8	-0.2		0.0	2.6	48.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-6.3	1.2	41.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-4.0	0.0	43.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-5.7	0.0	41.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-9.3	1.2	38.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-7.0	0.0	40.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0	-8.8	0.0	38.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.46	-52.6	-4.0	-1.5	-0.2		0.0	2.3	47.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.2 dB(A) Lr,lim dB(A) Leq,d 52.4 dB(A) Leq,e 50.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	120.24	-52.6	-3.2	-0.8	-0.2		0.0	2.6	48.8	0.0	-6.3	1.2	43.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	120.24	-52.6	-3.2	-0.8	-0.2		0.0	2.6	48.8	0.0	-4.0	0.0	44.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	120.24	-52.6	-3.2	-0.8	-0.2		0.0	2.6	48.8	0.0	-5.7	0.0	43.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	120.24	-52.6	-3.2	-0.8	-0.2		0.0	2.6	48.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-9.3	1.2	39.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-7.0	0.0	40.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-8.8	0.0	39.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-6.3	1.2	42.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-4.0	0.0	43.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-5.7	0.0	42.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	120.61	-52.6	-2.8	-1.7	-1.0		0.0	2.3	44.2	0.0	-6.3	1.2	39.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	120.61	-52.6	-2.8	-1.7	-1.0		0.0	2.3	44.2	0.0	-4.0	0.0	40.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	120.61	-52.6	-2.8	-1.7	-1.0		0.0	2.3	44.2	0.0	-5.7	0.0	38.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	120.61	-52.6	-2.8	-1.7	-1.0		0.0	2.3	44.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.34	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-6.3	1.2	43.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.34	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-4.0	0.0	44.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.34	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0	-5.7	0.0	42.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.34	-52.6	-3.6	-0.8	-0.2		0.0	2.6	48.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.23	-52.6	-3.2	-0.7	-0.2		0.0	2.6	48.8	0.0	-6.3	1.2	43.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.23	-52.6	-3.2	-0.7	-0.2		0.0	2.6	48.8	0.0	-4.0	0.0	44.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.23	-52.6	-3.2	-0.7	-0.2		0.0	2.6	48.8	0.0	-5.7	0.0	43.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.23	-52.6	-3.2	-0.7	-0.2		0.0	2.6	48.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-6.3	1.2	42.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-4.0	0.0	43.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-5.7	0.0	42.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-9.3	1.2	39.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-7.0	0.0	40.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0	-8.8	0.0	39.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.61	-52.6	-3.5	-1.1	-0.2		0.0	2.2	47.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.7 dB(A) Lr,lim dB(A) Leq,d 52.8 dB(A) Leq,e 51.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	120.42	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0	-6.3	1.2	44.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	120.42	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0	-4.0	0.0	45.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	120.42	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0	-5.7	0.0	43.5
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	120.42	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0	-9.3	1.2	40.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0	-7.0	0.0	41.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0	-8.8	0.0	39.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0	-6.3	1.2	43.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0	-4.0	0.0	44.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0	-5.7	0.0	42.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.1	48.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	120.86	-52.6	-2.7	-1.4	-1.0		0.0	2.3	44.4	0.0	-6.3	1.2	39.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	120.86	-52.6	-2.7	-1.4	-1.0		0.0	2.3	44.4	0.0	-4.0	0.0	40.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	120.86	-52.6	-2.7	-1.4	-1.0		0.0	2.3	44.4	0.0	-5.7	0.0	38.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	120.86	-52.6	-2.7	-1.4	-1.0		0.0	2.3	44.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.57	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.57	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.57	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.57	-52.6	-3.1	-0.7	-0.2		0.0	2.6	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.40	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0	-6.3	1.2	44.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.40	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0	-4.0	0.0	45.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.40	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0	-5.7	0.0	43.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.40	-52.6	-2.7	-0.7	-0.2		0.0	2.5	49.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0	-6.3	1.2	43.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0	-4.0	0.0	44.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0	-5.7	0.0	42.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0	-9.3	1.2	40.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0	-7.0	0.0	41.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0	-8.8	0.0	39.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.86	-52.6	-3.0	-0.9	-0.2		0.0	2.2	48.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F5 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 52.2 dB(A) Lr,lim dB(A) Leq,d 53.3 dB(A) Leq,e 51.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	120.67	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0	-6.3	1.2	44.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	120.67	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0	-4.0	0.0	45.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	120.67	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0	-5.7	0.0	44.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	120.67	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-9.3	1.2	40.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-7.0	0.0	41.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-8.8	0.0	40.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-6.3	1.2	43.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-5.7	0.0	43.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	121.19	-52.7	-2.7	-1.1	-1.1		0.0	2.3	44.7	0.0	-6.3	1.2	39.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	121.19	-52.7	-2.7	-1.1	-1.1		0.0	2.3	44.7	0.0	-4.0	0.0	40.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	121.19	-52.7	-2.7	-1.1	-1.1		0.0	2.3	44.7	0.0	-5.7	0.0	39.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	121.19	-52.7	-2.7	-1.1	-1.1		0.0	2.3	44.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.85	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-6.3	1.2	44.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.85	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.85	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0	-5.7	0.0	43.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.85	-52.6	-2.6	-0.6	-0.2		0.0	2.5	49.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.65	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0	-6.3	1.2	44.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.65	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0	-4.0	0.0	45.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.65	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0	-5.7	0.0	44.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.65	-52.6	-2.3	-0.6	-0.2		0.0	2.5	49.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-6.3	1.2	43.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-5.7	0.0	43.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-9.3	1.2	40.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-7.0	0.0	41.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0	-8.8	0.0	40.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.19	-52.7	-2.5	-0.8	-0.2		0.0	2.1	48.9	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F6 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 52.7 dB(A) Lr,lim dB(A) Leq,d 53.8 dB(A) Leq,e 52.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	120.97	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0	-6.3	1.2	45.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	120.97	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0	-4.0	0.0	46.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	120.97	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0	-5.7	0.0	44.5
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	120.97	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-9.3	1.2	41.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-7.0	0.0	42.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-8.8	0.0	40.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-6.3	1.2	44.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-5.7	0.0	43.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	121.59	-52.7	-2.7	-0.9	-1.1		0.0	2.2	44.8	0.0	-6.3	1.2	39.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	121.59	-52.7	-2.7	-0.9	-1.1		0.0	2.2	44.8	0.0	-4.0	0.0	40.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	121.59	-52.7	-2.7	-0.9	-1.1		0.0	2.2	44.8	0.0	-5.7	0.0	39.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	121.59	-52.7	-2.7	-0.9	-1.1		0.0	2.2	44.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.20	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-6.3	1.2	44.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.20	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-4.0	0.0	45.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.20	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0	-5.7	0.0	44.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.20	-52.7	-2.1	-0.6	-0.2		0.0	2.5	49.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	120.95	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0	-6.3	1.2	45.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	120.95	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0	-4.0	0.0	46.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	120.95	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0	-5.7	0.0	44.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	120.95	-52.6	-1.8	-0.5	-0.2		0.0	2.5	50.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-6.3	1.2	44.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-5.7	0.0	43.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-9.3	1.2	41.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-7.0	0.0	42.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0	-8.8	0.0	40.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	121.57	-52.7	-2.0	-0.7	-0.2		0.0	2.0	49.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R8 Residential Fl F7 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 53.2 dB(A) Lr,lim dB(A) Leq,d 54.3 dB(A) Leq,e 52.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	121.34	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0	-6.3	1.2	45.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	121.34	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0	-4.0	0.0	46.7
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	121.34	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0	-5.7	0.0	45.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	121.34	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-9.3	1.2	41.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-7.0	0.0	43.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-8.8	0.0	41.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-6.3	1.2	44.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-4.0	0.0	46.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-5.7	0.0	44.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	122.08	-52.7	-2.7	-0.7	-1.1		0.0	2.1	44.9	0.0	-6.3	1.2	39.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	122.08	-52.7	-2.7	-0.7	-1.1		0.0	2.1	44.9	0.0	-4.0	0.0	40.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	122.08	-52.7	-2.7	-0.7	-1.1		0.0	2.1	44.9	0.0	-5.7	0.0	39.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	122.08	-52.7	-2.7	-0.7	-1.1		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.65	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-6.3	1.2	45.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.65	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-4.0	0.0	46.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.65	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0	-5.7	0.0	44.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.65	-52.7	-1.7	-0.5	-0.2		0.0	2.5	50.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	121.32	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0	-6.3	1.2	45.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	121.32	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0	-4.0	0.0	46.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	121.32	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0	-5.7	0.0	45.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	121.32	-52.7	-1.3	-0.4	-0.2		0.0	2.4	50.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-6.3	1.2	44.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-4.0	0.0	46.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-5.7	0.0	44.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-9.3	1.2	41.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-7.0	0.0	43.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0	-8.8	0.0	41.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	122.03	-52.7	-1.5	-0.6	-0.2		0.0	2.0	50.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R9 School		Fl G	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 50.1	dB(A)	Lr,lim	dB(A)	Leq,d 51.3	dB(A)	Leq,e 49.5	dB(A)	Leq,n	dB(A)					
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	135.80	-53.7	-4.5	-1.0	-0.3		0.0	3.9	47.5	0.0	-6.3	1.2	42.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	135.80	-53.7	-4.5	-1.0	-0.3		0.0	3.9	47.5	0.0	-4.0	0.0	43.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	135.80	-53.7	-4.5	-1.0	-0.3		0.0	3.9	47.5	0.0	-5.7	0.0	41.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	135.80	-53.7	-4.5	-1.0	-0.3		0.0	3.9	47.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-9.3	1.2	38.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-7.0	0.0	40.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-8.8	0.0	38.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-6.3	1.2	41.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-4.0	0.0	43.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-5.7	0.0	41.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	119.67	-52.6	-3.4	-2.3	-1.2		0.0	3.4	44.0	0.0	-6.3	1.2	38.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	119.67	-52.6	-3.4	-2.3	-1.2		0.0	3.4	44.0	0.0	-4.0	0.0	40.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	119.67	-52.6	-3.4	-2.3	-1.2		0.0	3.4	44.0	0.0	-5.7	0.0	38.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	119.67	-52.6	-3.4	-2.3	-1.2		0.0	3.4	44.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.88	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-6.3	1.2	42.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.88	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-4.0	0.0	43.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.88	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0	-5.7	0.0	41.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.88	-53.7	-4.8	-1.0	-0.3		0.0	3.9	47.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.5	-1.0	-0.3		0.0	3.8	47.5	0.0	-6.3	1.2	42.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.5	-1.0	-0.3		0.0	3.8	47.5	0.0	-4.0	0.0	43.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.5	-1.0	-0.3		0.0	3.8	47.5	0.0	-5.7	0.0	41.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.5	-1.0	-0.3		0.0	3.8	47.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-6.3	1.2	41.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-4.0	0.0	43.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-5.7	0.0	41.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-9.3	1.2	38.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-7.0	0.0	40.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0	-8.8	0.0	38.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.67	-52.6	-4.8	-2.1	-0.2		0.0	3.6	47.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R9 School Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 50.7 dB(A) Lr,lim dB(A) Leq,d 51.8 dB(A) Leq,e 50.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	135.81	-53.7	-4.1	-0.9	-0.3		0.0	3.9	47.9	0.0	-6.3	1.2	42.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	135.81	-53.7	-4.1	-0.9	-0.3		0.0	3.9	47.9	0.0	-4.0	0.0	43.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	135.81	-53.7	-4.1	-0.9	-0.3		0.0	3.9	47.9	0.0	-5.7	0.0	42.2
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	135.81	-53.7	-4.1	-0.9	-0.3		0.0	3.9	47.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-9.3	1.2	39.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-7.0	0.0	40.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-8.8	0.0	38.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-6.3	1.2	42.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-4.0	0.0	43.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-5.7	0.0	41.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	119.71	-52.6	-2.8	-2.3	-1.1		0.0	3.6	44.8	0.0	-6.3	1.2	39.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	119.71	-52.6	-2.8	-2.3	-1.1		0.0	3.6	44.8	0.0	-4.0	0.0	40.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	119.71	-52.6	-2.8	-2.3	-1.1		0.0	3.6	44.8	0.0	-5.7	0.0	39.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	119.71	-52.6	-2.8	-2.3	-1.1		0.0	3.6	44.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.92	-53.7	-4.4	-0.9	-0.3		0.0	3.9	47.6	0.0	-6.3	1.2	42.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.92	-53.7	-4.4	-0.9	-0.3		0.0	3.9	47.6	0.0	-4.0	0.0	43.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.92	-53.7	-4.4	-0.9	-0.3		0.0	3.9	47.6	0.0	-5.7	0.0	41.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.92	-53.7	-4.4	-0.9	-0.3		0.0	3.9	47.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.0	-0.9	-0.3		0.0	3.8	48.0	0.0	-6.3	1.2	42.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.0	-0.9	-0.3		0.0	3.8	48.0	0.0	-4.0	0.0	44.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.0	-0.9	-0.3		0.0	3.8	48.0	0.0	-5.7	0.0	42.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.90	-53.7	-4.0	-0.9	-0.3		0.0	3.8	48.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-6.3	1.2	42.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-4.0	0.0	43.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-5.7	0.0	41.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-9.3	1.2	39.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-7.0	0.0	40.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0	-8.8	0.0	38.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.71	-52.6	-4.3	-2.0	-0.2		0.0	3.6	47.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R9 School Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 51.3 dB(A) Lr,lim dB(A) Leq,d 52.5 dB(A) Leq,e 50.8 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	135.85	-53.7	-3.7	-0.8	-0.3		0.0	3.9	48.6	0.0	-6.3	1.2	43.4
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	135.85	-53.7	-3.7	-0.8	-0.3		0.0	3.9	48.6	0.0	-4.0	0.0	44.6
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	135.85	-53.7	-3.7	-0.8	-0.3		0.0	3.9	48.6	0.0	-5.7	0.0	42.8
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	135.85	-53.7	-3.7	-0.8	-0.3		0.0	3.9	48.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-9.3	1.2	40.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-7.0	0.0	41.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-8.8	0.0	39.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-6.3	1.2	43.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-4.0	0.0	44.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-5.7	0.0	42.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	119.83	-52.6	-2.8	-2.2	-1.1		0.0	3.6	45.0	0.0	-6.3	1.2	39.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	119.83	-52.6	-2.8	-2.2	-1.1		0.0	3.6	45.0	0.0	-4.0	0.0	41.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	119.83	-52.6	-2.8	-2.2	-1.1		0.0	3.6	45.0	0.0	-5.7	0.0	39.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	119.83	-52.6	-2.8	-2.2	-1.1		0.0	3.6	45.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.04	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-6.3	1.2	43.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.04	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-4.0	0.0	44.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.04	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0	-5.7	0.0	42.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.04	-53.7	-3.9	-0.8	-0.3		0.0	3.9	48.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	135.95	-53.7	-3.6	-0.7	-0.3		0.0	3.9	48.6	0.0	-6.3	1.2	43.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	135.95	-53.7	-3.6	-0.7	-0.3		0.0	3.9	48.6	0.0	-4.0	0.0	44.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	135.95	-53.7	-3.6	-0.7	-0.3		0.0	3.9	48.6	0.0	-5.7	0.0	42.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	135.95	-53.7	-3.6	-0.7	-0.3		0.0	3.9	48.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-6.3	1.2	43.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-4.0	0.0	44.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-5.7	0.0	42.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-9.3	1.2	40.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-7.0	0.0	41.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0	-8.8	0.0	39.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	119.88	-52.6	-3.8	-1.7	-0.2		0.0	3.6	48.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R9 School Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 52.1 dB(A) Lr,lim dB(A) Leq,d 53.2 dB(A) Leq,e 51.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	135.97	-53.7	-3.2	-0.4	-0.3		0.0	3.5	48.9	0.0	-6.3	1.2	43.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	135.97	-53.7	-3.2	-0.4	-0.3		0.0	3.5	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	135.97	-53.7	-3.2	-0.4	-0.3		0.0	3.5	48.9	0.0	-5.7	0.0	43.1
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	135.97	-53.7	-3.2	-0.4	-0.3		0.0	3.5	48.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-9.3	1.2	41.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-7.0	0.0	42.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-8.8	0.0	40.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-6.3	1.2	44.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-5.7	0.0	43.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	120.05	-52.6	-2.7	-1.6	-1.1		0.0	3.5	45.5	0.0	-6.3	1.2	40.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	120.05	-52.6	-2.7	-1.6	-1.1		0.0	3.5	45.5	0.0	-4.0	0.0	41.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	120.05	-52.6	-2.7	-1.6	-1.1		0.0	3.5	45.5	0.0	-5.7	0.0	39.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	120.05	-52.6	-2.7	-1.6	-1.1		0.0	3.5	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-4.0	0.0	44.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.18	-53.7	-3.5	-0.5	-0.3		0.0	3.8	48.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	136.07	-53.7	-3.2	-0.4	-0.3		0.0	3.4	48.9	0.0	-6.3	1.2	43.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	136.07	-53.7	-3.2	-0.4	-0.3		0.0	3.4	48.9	0.0	-4.0	0.0	45.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	136.07	-53.7	-3.2	-0.4	-0.3		0.0	3.4	48.9	0.0	-5.7	0.0	43.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	136.07	-53.7	-3.2	-0.4	-0.3		0.0	3.4	48.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-6.3	1.2	44.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-4.0	0.0	45.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-5.7	0.0	43.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-9.3	1.2	41.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-7.0	0.0	42.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0	-8.8	0.0	40.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	120.04	-52.6	-3.3	-1.1	-0.2		0.0	3.5	49.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 46.7 dB(A) Lr,lim dB(A) Leq,d 47.9 dB(A) Leq,e 46.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	124.29	-52.9	-4.2	-5.4	-0.2		0.0	2.0	42.3	0.0	-6.3	1.2	37.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	124.29	-52.9	-4.2	-5.4	-0.2		0.0	2.0	42.3	0.0	-4.0	0.0	38.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	124.29	-52.9	-4.2	-5.4	-0.2		0.0	2.0	42.3	0.0	-5.7	0.0	36.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	124.29	-52.9	-4.2	-5.4	-0.2		0.0	2.0	42.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-9.3	1.2	36.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-7.0	0.0	37.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-8.8	0.0	35.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-6.3	1.2	39.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-4.0	0.0	40.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-5.7	0.0	38.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	115.10	-52.2	-2.9	-3.1	-1.0		0.0	1.7	42.5	0.0	-6.3	1.2	37.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	115.10	-52.2	-2.9	-3.1	-1.0		0.0	1.7	42.5	0.0	-4.0	0.0	38.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	115.10	-52.2	-2.9	-3.1	-1.0		0.0	1.7	42.5	0.0	-5.7	0.0	36.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	115.10	-52.2	-2.9	-3.1	-1.0		0.0	1.7	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.34	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-6.3	1.2	36.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.34	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.34	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0	-5.7	0.0	36.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.34	-52.9	-4.6	-5.4	-0.2		0.0	2.0	42.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.33	-52.9	-4.2	-5.3	-0.2		0.0	2.0	42.4	0.0	-6.3	1.2	37.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.33	-52.9	-4.2	-5.3	-0.2		0.0	2.0	42.4	0.0	-4.0	0.0	38.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.33	-52.9	-4.2	-5.3	-0.2		0.0	2.0	42.4	0.0	-5.7	0.0	36.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.33	-52.9	-4.2	-5.3	-0.2		0.0	2.0	42.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-6.3	1.2	39.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-4.0	0.0	40.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-5.7	0.0	38.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-9.3	1.2	36.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-7.0	0.0	37.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0	-8.8	0.0	35.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.11	-52.2	-4.5	-3.0	-0.2		0.0	1.5	44.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl F2		Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 47.2	dB(A)	Lr,lim	dB(A)	Leq,d 48.3	dB(A)	Leq,e 46.6	dB(A)	Leq,n	dB(A)						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	124.33	-52.9	-3.8	-5.3	-0.2		0.0	1.9	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	124.33	-52.9	-3.8	-5.3	-0.2		0.0	1.9	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	124.33	-52.9	-3.8	-5.3	-0.2		0.0	1.9	42.8	0.0	-5.7	0.0	37.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	124.33	-52.9	-3.8	-5.3	-0.2		0.0	1.9	42.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-9.3	1.2	36.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-7.0	0.0	38.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-8.8	0.0	36.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-6.3	1.2	39.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-4.0	0.0	41.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-5.7	0.0	39.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	115.18	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.6	0.0	-6.3	1.2	37.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	115.18	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.6	0.0	-4.0	0.0	38.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	115.18	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.6	0.0	-5.7	0.0	36.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	115.18	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.43	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-6.3	1.2	37.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.43	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-4.0	0.0	38.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.43	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0	-5.7	0.0	36.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.43	-52.9	-4.1	-5.3	-0.2		0.0	2.0	42.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-3.8	-5.2	-0.2		0.0	1.9	42.8	0.0	-6.3	1.2	37.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-3.8	-5.2	-0.2		0.0	1.9	42.8	0.0	-4.0	0.0	38.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-3.8	-5.2	-0.2		0.0	1.9	42.8	0.0	-5.7	0.0	37.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.37	-52.9	-3.8	-5.2	-0.2		0.0	1.9	42.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-6.3	1.2	39.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-4.0	0.0	41.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-5.7	0.0	39.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-9.3	1.2	36.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-7.0	0.0	38.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0	-8.8	0.0	36.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.20	-52.2	-4.0	-2.9	-0.2		0.0	1.4	45.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.6 dB(A) Lr,lim dB(A) Leq,d 48.8 dB(A) Leq,e 47.0 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	124.42	-52.9	-3.3	-5.2	-0.2		0.0	1.9	43.3	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	124.42	-52.9	-3.3	-5.2	-0.2		0.0	1.9	43.3	0.0	-4.0	0.0	39.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	124.42	-52.9	-3.3	-5.2	-0.2		0.0	1.9	43.3	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	124.42	-52.9	-3.3	-5.2	-0.2		0.0	1.9	43.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-9.3	1.2	37.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-7.0	0.0	38.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-8.8	0.0	36.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-6.3	1.2	40.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-4.0	0.0	41.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-5.7	0.0	39.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	115.34	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.7	0.0	-6.3	1.2	37.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	115.34	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.7	0.0	-4.0	0.0	38.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	115.34	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.7	0.0	-5.7	0.0	36.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	115.34	-52.2	-2.8	-3.1	-1.0		0.0	1.7	42.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.57	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-6.3	1.2	37.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.57	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-4.0	0.0	39.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.57	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0	-5.7	0.0	37.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.57	-52.9	-3.6	-5.2	-0.2		0.0	1.9	43.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	124.46	-52.9	-3.3	-5.1	-0.2		0.0	1.8	43.3	0.0	-6.3	1.2	38.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	124.46	-52.9	-3.3	-5.1	-0.2		0.0	1.8	43.3	0.0	-4.0	0.0	39.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	124.46	-52.9	-3.3	-5.1	-0.2		0.0	1.8	43.3	0.0	-5.7	0.0	37.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	124.46	-52.9	-3.3	-5.1	-0.2		0.0	1.8	43.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-6.3	1.2	40.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-4.0	0.0	41.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-5.7	0.0	39.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-9.3	1.2	37.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-7.0	0.0	38.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0	-8.8	0.0	36.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	115.36	-52.2	-3.5	-2.9	-0.2		0.0	1.3	45.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 33.2 dB(A) Lr,lim dB(A) Leq,d 34.4 dB(A) Leq,e 32.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	163.95	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0	-6.3	1.2	25.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	163.95	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0	-4.0	0.0	26.2
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	163.95	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0	-5.7	0.0	24.4
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	163.95	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-9.3	1.2	20.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-7.0	0.0	21.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-8.8	0.0	19.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-6.3	1.2	23.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-4.0	0.0	24.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-5.7	0.0	22.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	151.59	-54.6	-3.0	-15.8	-0.4		0.0	5.8	32.0	0.0	-6.3	1.2	26.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	151.59	-54.6	-3.0	-15.8	-0.4		0.0	5.8	32.0	0.0	-4.0	0.0	28.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	151.59	-54.6	-3.0	-15.8	-0.4		0.0	5.8	32.0	0.0	-5.7	0.0	26.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	151.59	-54.6	-3.0	-15.8	-0.4		0.0	5.8	32.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-6.3	1.2	24.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-4.0	0.0	26.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0	-5.7	0.0	24.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.6	-15.9	-0.3		0.0	3.2	30.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0	-6.3	1.2	25.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0	-4.0	0.0	26.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0	-5.7	0.0	24.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.25	-55.3	-4.4	-16.0	-0.3		0.0	3.1	30.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-6.3	1.2	23.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-4.0	0.0	24.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-5.7	0.0	22.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-9.3	1.2	20.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-7.0	0.0	21.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0	-8.8	0.0	19.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.59	-54.6	-4.6	-15.8	-0.3		0.0	0.9	28.7	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R10 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 33.5 dB(A) Lr,lim dB(A) Leq,d 34.6 dB(A) Leq,e 32.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	163.97	-55.3	-4.1	-15.9	-0.3		0.0	3.1	30.5	0.0	-6.3	1.2	25.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	163.97	-55.3	-4.1	-15.9	-0.3		0.0	3.1	30.5	0.0	-4.0	0.0	26.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	163.97	-55.3	-4.1	-15.9	-0.3		0.0	3.1	30.5	0.0	-5.7	0.0	24.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	163.97	-55.3	-4.1	-15.9	-0.3		0.0	3.1	30.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-9.3	1.2	20.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-7.0	0.0	22.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-8.8	0.0	20.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-6.3	1.2	23.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-4.0	0.0	25.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-5.7	0.0	23.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	151.65	-54.6	-2.9	-16.4	-0.5		0.0	6.4	32.0	0.0	-6.3	1.2	26.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	151.65	-54.6	-2.9	-16.4	-0.5		0.0	6.4	32.0	0.0	-4.0	0.0	28.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	151.65	-54.6	-2.9	-16.4	-0.5		0.0	6.4	32.0	0.0	-5.7	0.0	26.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	151.65	-54.6	-2.9	-16.4	-0.5		0.0	6.4	32.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.31	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-6.3	1.2	25.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.31	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-4.0	0.0	26.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.31	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0	-5.7	0.0	24.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.31	-55.3	-4.3	-15.9	-0.3		0.0	3.1	30.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.26	-55.3	-4.0	-15.9	-0.3		0.0	3.1	30.5	0.0	-6.3	1.2	25.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.26	-55.3	-4.0	-15.9	-0.3		0.0	3.1	30.5	0.0	-4.0	0.0	26.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.26	-55.3	-4.0	-15.9	-0.3		0.0	3.1	30.5	0.0	-5.7	0.0	24.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.26	-55.3	-4.0	-15.9	-0.3		0.0	3.1	30.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-6.3	1.2	23.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-4.0	0.0	25.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-5.7	0.0	23.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-9.3	1.2	20.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-7.0	0.0	22.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0	-8.8	0.0	20.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.65	-54.6	-4.2	-15.8	-0.3		0.0	0.9	29.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R10 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 33.8 dB(A) Lr,lim dB(A) Leq,d 35.0 dB(A) Leq,e 33.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	164.05	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0	-6.3	1.2	25.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	164.05	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0	-4.0	0.0	26.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	164.05	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0	-5.7	0.0	25.2
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	164.05	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-9.3	1.2	21.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-7.0	0.0	22.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-8.8	0.0	20.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-6.3	1.2	24.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-4.0	0.0	25.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-5.7	0.0	23.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	151.77	-54.6	-2.9	-16.2	-0.5		0.0	6.2	32.0	0.0	-6.3	1.2	26.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	151.77	-54.6	-2.9	-16.2	-0.5		0.0	6.2	32.0	0.0	-4.0	0.0	28.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	151.77	-54.6	-2.9	-16.2	-0.5		0.0	6.2	32.0	0.0	-5.7	0.0	26.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	151.77	-54.6	-2.9	-16.2	-0.5		0.0	6.2	32.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-6.3	1.2	25.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-4.0	0.0	26.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0	-5.7	0.0	25.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.41	-55.3	-3.9	-15.8	-0.3		0.0	3.1	30.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	164.33	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0	-6.3	1.2	25.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	164.33	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0	-4.0	0.0	26.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	164.33	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0	-5.7	0.0	25.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	164.33	-55.3	-3.7	-15.7	-0.3		0.0	3.0	30.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-6.3	1.2	24.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-4.0	0.0	25.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-5.7	0.0	23.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-9.3	1.2	21.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-7.0	0.0	22.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0	-8.8	0.0	20.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	151.77	-54.6	-3.9	-15.8	-0.3		0.0	1.0	29.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 44.7 dB(A) Lr,lim dB(A) Leq,d 45.9 dB(A) Leq,e 44.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	142.37	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0	-6.3	1.2	37.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	142.37	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0	-4.0	0.0	38.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	142.37	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0	-5.7	0.0	37.1
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	142.37	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-9.3	1.2	32.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-7.0	0.0	33.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-8.8	0.0	32.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-6.3	1.2	35.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-4.0	0.0	36.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-5.7	0.0	35.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	139.97	-53.9	-3.5	-5.4	-1.1		0.0	2.2	38.3	0.0	-6.3	1.2	33.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	139.97	-53.9	-3.5	-5.4	-1.1		0.0	2.2	38.3	0.0	-4.0	0.0	34.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	139.97	-53.9	-3.5	-5.4	-1.1		0.0	2.2	38.3	0.0	-5.7	0.0	32.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	139.97	-53.9	-3.5	-5.4	-1.1		0.0	2.2	38.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-6.3	1.2	37.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-4.0	0.0	38.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0	-5.7	0.0	36.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.33	-54.1	-4.8	-3.7	-0.3		0.0	2.0	42.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0	-6.3	1.2	37.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0	-4.0	0.0	38.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0	-5.7	0.0	37.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.5	-3.3	-0.3		0.0	2.0	42.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-6.3	1.2	35.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-4.0	0.0	36.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-5.7	0.0	35.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-9.3	1.2	32.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-7.0	0.0	33.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0	-8.8	0.0	32.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	139.96	-53.9	-4.8	-5.2	-0.2		0.0	1.8	40.7	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 46.1 dB(A) Lr,lim dB(A) Leq,d 47.2 dB(A) Leq,e 45.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	142.36	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0	-6.3	1.2	39.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	142.36	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0	-4.0	0.0	40.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	142.36	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0	-5.7	0.0	38.5
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	142.36	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-9.3	1.2	34.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-7.0	0.0	35.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-8.8	0.0	33.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-6.3	1.2	37.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-4.0	0.0	38.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-5.7	0.0	36.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	140.01	-53.9	-2.9	-5.3	-1.0		0.0	2.6	39.5	0.0	-6.3	1.2	34.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	140.01	-53.9	-2.9	-5.3	-1.0		0.0	2.6	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	140.01	-53.9	-2.9	-5.3	-1.0		0.0	2.6	39.5	0.0	-5.7	0.0	33.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	140.01	-53.9	-2.9	-5.3	-1.0		0.0	2.6	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-6.3	1.2	38.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-4.0	0.0	39.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0	-5.7	0.0	37.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.35	-54.1	-4.4	-3.3	-0.3		0.0	2.2	43.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.34	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0	-6.3	1.2	39.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.34	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0	-4.0	0.0	40.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.34	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0	-5.7	0.0	38.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.34	-54.1	-4.1	-2.4	-0.3		0.0	2.2	44.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-6.3	1.2	37.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-4.0	0.0	38.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-5.7	0.0	36.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-9.3	1.2	34.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-7.0	0.0	35.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0	-8.8	0.0	33.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.01	-53.9	-4.4	-4.6	-0.2		0.0	2.3	42.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 47.5 dB(A) Lr,lim dB(A) Leq,d 48.7 dB(A) Leq,e 46.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	142.40	-54.1	-3.8	-1.3	-0.3		0.0	1.9	45.5	0.0	-6.3	1.2	40.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	142.40	-54.1	-3.8	-1.3	-0.3		0.0	1.9	45.5	0.0	-4.0	0.0	41.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	142.40	-54.1	-3.8	-1.3	-0.3		0.0	1.9	45.5	0.0	-5.7	0.0	39.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	142.40	-54.1	-3.8	-1.3	-0.3		0.0	1.9	45.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-9.3	1.2	35.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-7.0	0.0	36.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-8.8	0.0	35.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-6.3	1.2	38.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-5.7	0.0	38.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	140.10	-53.9	-2.9	-4.4	-1.0		0.0	2.7	40.4	0.0	-6.3	1.2	35.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	140.10	-53.9	-2.9	-4.4	-1.0		0.0	2.7	40.4	0.0	-4.0	0.0	36.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	140.10	-53.9	-2.9	-4.4	-1.0		0.0	2.7	40.4	0.0	-5.7	0.0	34.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	140.10	-53.9	-2.9	-4.4	-1.0		0.0	2.7	40.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-6.3	1.2	39.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-4.0	0.0	40.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0	-5.7	0.0	39.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.43	-54.1	-4.0	-1.9	-0.3		0.0	2.1	44.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.39	-54.1	-3.7	-1.3	-0.3		0.0	1.9	45.5	0.0	-6.3	1.2	40.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.39	-54.1	-3.7	-1.3	-0.3		0.0	1.9	45.5	0.0	-4.0	0.0	41.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.39	-54.1	-3.7	-1.3	-0.3		0.0	1.9	45.5	0.0	-5.7	0.0	39.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.39	-54.1	-3.7	-1.3	-0.3		0.0	1.9	45.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-6.3	1.2	38.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-5.7	0.0	38.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-9.3	1.2	35.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-7.0	0.0	36.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0	-8.8	0.0	35.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.09	-53.9	-4.0	-3.1	-0.2		0.0	2.1	43.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F4 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 48.1 dB(A) Lr,lim dB(A) Leq,d 49.3 dB(A) Leq,e 47.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	142.51	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0	-6.3	1.2	40.8
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	142.51	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0	-4.0	0.0	42.0
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	142.51	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0	-5.7	0.0	40.2
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	142.51	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-9.3	1.2	36.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-7.0	0.0	37.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-8.8	0.0	35.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-6.3	1.2	39.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-4.0	0.0	40.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-5.7	0.0	38.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	140.25	-53.9	-2.8	-3.8	-1.0		0.0	2.6	41.0	0.0	-6.3	1.2	35.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	140.25	-53.9	-2.8	-3.8	-1.0		0.0	2.6	41.0	0.0	-4.0	0.0	37.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	140.25	-53.9	-2.8	-3.8	-1.0		0.0	2.6	41.0	0.0	-5.7	0.0	35.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	140.25	-53.9	-2.8	-3.8	-1.0		0.0	2.6	41.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-6.3	1.2	40.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-4.0	0.0	41.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0	-5.7	0.0	39.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.58	-54.1	-3.6	-1.5	-0.3		0.0	2.0	45.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.49	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0	-6.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.49	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0	-4.0	0.0	42.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.49	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0	-5.7	0.0	40.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.49	-54.1	-3.4	-1.2	-0.3		0.0	1.9	46.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-6.3	1.2	39.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-4.0	0.0	40.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-5.7	0.0	38.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-9.3	1.2	36.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-7.0	0.0	37.6
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0	-8.8	0.0	35.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.24	-53.9	-3.6	-2.6	-0.3		0.0	2.0	44.6	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R11 Residential Fl F5 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 48.7 dB(A) Lr,lim dB(A) Leq,d 49.9 dB(A) Leq,e 48.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	142.71	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0	-6.3	1.2	41.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	142.71	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0	-4.0	0.0	42.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	142.71	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0	-5.7	0.0	40.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	142.71	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-9.3	1.2	37.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-7.0	0.0	38.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-8.8	0.0	36.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-6.3	1.2	40.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-4.0	0.0	41.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-5.7	0.0	39.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	140.46	-53.9	-2.8	-3.4	-1.0		0.0	2.6	41.4	0.0	-6.3	1.2	36.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	140.46	-53.9	-2.8	-3.4	-1.0		0.0	2.6	41.4	0.0	-4.0	0.0	37.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	140.46	-53.9	-2.8	-3.4	-1.0		0.0	2.6	41.4	0.0	-5.7	0.0	35.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	140.46	-53.9	-2.8	-3.4	-1.0		0.0	2.6	41.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-6.3	1.2	40.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-4.0	0.0	41.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0	-5.7	0.0	40.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.80	-54.1	-3.3	-1.5	-0.3		0.0	2.0	45.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	142.69	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0	-6.3	1.2	41.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	142.69	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0	-4.0	0.0	42.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	142.69	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0	-5.7	0.0	40.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	142.69	-54.1	-3.0	-1.1	-0.3		0.0	1.9	46.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-6.3	1.2	40.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-4.0	0.0	41.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-5.7	0.0	39.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-9.3	1.2	37.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-7.0	0.0	38.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0	-8.8	0.0	36.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	140.46	-53.9	-3.2	-2.3	-0.3		0.0	1.9	45.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R12 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 44.5 dB(A) Lr,lim dB(A) Leq,d 45.7 dB(A) Leq,e 43.9 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	176.24	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	176.24	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	176.24	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.8	0.0	-5.7	0.0	37.1
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	176.24	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-9.3	1.2	32.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-7.0	0.0	33.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-8.8	0.0	31.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-6.3	1.2	35.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-4.0	0.0	36.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-5.7	0.0	34.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	173.53	-55.8	-3.5	-5.7	-1.3		0.0	2.7	36.5	0.0	-6.3	1.2	31.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	173.53	-55.8	-3.5	-5.7	-1.3		0.0	2.7	36.5	0.0	-4.0	0.0	32.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	173.53	-55.8	-3.5	-5.7	-1.3		0.0	2.7	36.5	0.0	-5.7	0.0	30.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	173.53	-55.8	-3.5	-5.7	-1.3		0.0	2.7	36.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-6.3	1.2	36.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-4.0	0.0	38.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0	-5.7	0.0	36.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.8	-3.8	-0.3		0.0	3.8	41.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.21	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.9	0.0	-6.3	1.2	37.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.21	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.9	0.0	-4.0	0.0	38.9
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.21	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.9	0.0	-5.7	0.0	37.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.21	-55.9	-4.6	-3.0	-0.3		0.0	3.7	42.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-6.3	1.2	35.4
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-4.0	0.0	36.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-5.7	0.0	34.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-9.3	1.2	32.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-7.0	0.0	33.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0	-8.8	0.0	31.8
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.53	-55.8	-4.8	-5.1	-0.3		0.0	3.5	40.5	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R12 School		Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 45.4 dB(A)		Lr,lim dB(A)		Leq,d 46.6 dB(A)		Leq,e 44.9 dB(A)		Leq,n dB(A)							
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	176.23	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0	-6.3	1.2	38.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	176.23	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	176.23	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0	-5.7	0.0	38.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	176.23	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-9.3	1.2	33.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-7.0	0.0	34.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-8.8	0.0	32.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-6.3	1.2	36.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-4.0	0.0	37.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-5.7	0.0	35.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	173.55	-55.8	-2.9	-5.5	-1.2		0.0	3.1	37.7	0.0	-6.3	1.2	32.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	173.55	-55.8	-2.9	-5.5	-1.2		0.0	3.1	37.7	0.0	-4.0	0.0	33.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	173.55	-55.8	-2.9	-5.5	-1.2		0.0	3.1	37.7	0.0	-5.7	0.0	32.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	173.55	-55.8	-2.9	-5.5	-1.2		0.0	3.1	37.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-6.3	1.2	37.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-4.0	0.0	38.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0	-5.7	0.0	37.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.22	-55.9	-4.5	-3.3	-0.3		0.0	3.8	42.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0	-6.3	1.2	38.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0	-4.0	0.0	39.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0	-5.7	0.0	38.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	176.20	-55.9	-4.3	-2.2	-0.3		0.0	3.6	43.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-6.3	1.2	36.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-4.0	0.0	37.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-5.7	0.0	35.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-9.3	1.2	33.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-7.0	0.0	34.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0	-8.8	0.0	32.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	173.51	-55.8	-4.5	-4.7	-0.3		0.0	3.7	41.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R13 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 43.1 dB(A) Lr,lim dB(A) Leq,d 44.3 dB(A) Leq,e 42.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	167.49	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0	-6.3	1.2	34.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	167.49	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	167.49	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0	-5.7	0.0	33.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	167.49	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-9.3	1.2	32.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-7.0	0.0	33.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-8.8	0.0	32.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-6.3	1.2	35.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-4.0	0.0	36.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-5.7	0.0	35.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	156.01	-54.9	-3.5	-4.6	-1.5		0.0	1.9	37.4	0.0	-6.3	1.2	32.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	156.01	-54.9	-3.5	-4.6	-1.5		0.0	1.9	37.4	0.0	-4.0	0.0	33.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	156.01	-54.9	-3.5	-4.6	-1.5		0.0	1.9	37.4	0.0	-5.7	0.0	31.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	156.01	-54.9	-3.5	-4.6	-1.5		0.0	1.9	37.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-6.3	1.2	33.6
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-4.0	0.0	34.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0	-5.7	0.0	33.0
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.8	-6.2	-0.3		0.0	2.5	38.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0	-6.3	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0	-4.0	0.0	35.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0	-5.7	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.6	-5.6	-0.3		0.0	2.5	39.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-6.3	1.2	35.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-4.0	0.0	36.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-5.7	0.0	35.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-9.3	1.2	32.6
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-7.0	0.0	33.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0	-8.8	0.0	32.0
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.01	-54.9	-4.8	-4.5	-0.3		0.0	2.2	40.8	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R13 School		Fl F2	Lr,lim dB(A)	Lr,lim dB(A)		Lr,lim dB(A)	Lr 43.8 dB(A)		Lr,lim dB(A)		Leq,d 44.9 dB(A)		Leq,e 43.2 dB(A)		Leq,n dB(A)							
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	167.47	-55.5	-4.3	-5.1	-0.3		0.0	2.6	40.4	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	167.47	-55.5	-4.3	-5.1	-0.3		0.0	2.6	40.4	0.0	-4.0	0.0	36.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	167.47	-55.5	-4.3	-5.1	-0.3		0.0	2.6	40.4	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	167.47	-55.5	-4.3	-5.1	-0.3		0.0	2.6	40.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-9.3	1.2	33.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-7.0	0.0	34.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-8.8	0.0	32.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-6.3	1.2	36.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-4.0	0.0	37.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-5.7	0.0	35.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	156.04	-54.9	-2.9	-4.7	-1.4		0.0	2.1	38.3	0.0	-6.3	1.2	33.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	156.04	-54.9	-2.9	-4.7	-1.4		0.0	2.1	38.3	0.0	-4.0	0.0	34.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	156.04	-54.9	-2.9	-4.7	-1.4		0.0	2.1	38.3	0.0	-5.7	0.0	32.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	156.04	-54.9	-2.9	-4.7	-1.4		0.0	2.1	38.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-6.3	1.2	34.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-4.0	0.0	35.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0	-5.7	0.0	33.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.50	-55.5	-4.5	-5.9	-0.3		0.0	2.7	39.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.3	-5.2	-0.3		0.0	2.6	40.4	0.0	-6.3	1.2	35.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.3	-5.2	-0.3		0.0	2.6	40.4	0.0	-4.0	0.0	36.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.3	-5.2	-0.3		0.0	2.6	40.4	0.0	-5.7	0.0	34.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	167.48	-55.5	-4.3	-5.2	-0.3		0.0	2.6	40.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-6.3	1.2	36.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-4.0	0.0	37.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-5.7	0.0	35.6
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-9.3	1.2	33.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-7.0	0.0	34.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0	-8.8	0.0	32.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	156.04	-54.9	-4.5	-4.4	-0.3		0.0	2.3	41.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R14 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 25.8 dB(A) Lr,lim dB(A) Leq,d 27.0 dB(A) Leq,e 25.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	187.65	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0	-6.3	1.2	17.1
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	187.65	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0	-4.0	0.0	18.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	187.65	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0	-5.7	0.0	16.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	187.65	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-9.3	1.2	14.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-7.0	0.0	16.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-8.8	0.0	14.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-6.3	1.2	17.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-4.0	0.0	19.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-5.7	0.0	17.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	178.19	-56.0	-3.5	-20.0	-0.7		0.0	0.9	20.7	0.0	-6.3	1.2	15.5
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	178.19	-56.0	-3.5	-20.0	-0.7		0.0	0.9	20.7	0.0	-4.0	0.0	16.7
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	178.19	-56.0	-3.5	-20.0	-0.7		0.0	0.9	20.7	0.0	-5.7	0.0	14.9
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	178.19	-56.0	-3.5	-20.0	-0.7		0.0	0.9	20.7	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.8	-19.8	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.83	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0	-6.3	1.2	17.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.83	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0	-4.0	0.0	18.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.83	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0	-5.7	0.0	16.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.83	-56.5	-4.6	-20.0	-0.4		0.0	0.7	22.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-6.3	1.2	17.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-4.0	0.0	19.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-5.7	0.0	17.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-9.3	1.2	14.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-7.0	0.0	16.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0	-8.8	0.0	14.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.19	-56.0	-4.8	-19.8	-0.3		0.0	1.0	23.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R14 School Church Fl F2 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 25.8 dB(A) Lr,lim dB(A) Leq,d 27.0 dB(A) Leq,e 25.2 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	187.64	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0	-6.3	1.2	17.2
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	187.64	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0	-4.0	0.0	18.3
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	187.64	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0	-5.7	0.0	16.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	187.64	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-9.3	1.2	14.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-7.0	0.0	16.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-8.8	0.0	14.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-6.3	1.2	17.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-4.0	0.0	19.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-5.7	0.0	17.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	178.21	-56.0	-2.9	-20.4	-0.7		0.0	1.0	20.9	0.0	-6.3	1.2	15.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	178.21	-56.0	-2.9	-20.4	-0.7		0.0	1.0	20.9	0.0	-4.0	0.0	16.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	178.21	-56.0	-2.9	-20.4	-0.7		0.0	1.0	20.9	0.0	-5.7	0.0	15.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	178.21	-56.0	-2.9	-20.4	-0.7		0.0	1.0	20.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-6.3	1.2	17.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-4.0	0.0	18.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0	-5.7	0.0	16.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.84	-56.5	-4.5	-20.0	-0.4		0.0	0.9	22.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0	-6.3	1.2	17.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0	-4.0	0.0	18.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0	-5.7	0.0	16.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.82	-56.5	-4.3	-20.2	-0.4		0.0	0.7	22.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-6.3	1.2	17.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-4.0	0.0	19.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-5.7	0.0	17.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-9.3	1.2	14.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-7.0	0.0	16.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0	-8.8	0.0	14.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.21	-56.0	-4.5	-20.1	-0.3		0.0	1.0	23.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R14 School Church Fl F3 Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 26.2 dB(A) Lr,lim dB(A) Leq,d 27.3 dB(A) Leq,e 25.6 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	187.68	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0	-6.3	1.2	17.5
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	187.68	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0	-4.0	0.0	18.7
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	187.68	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0	-5.7	0.0	16.9
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	187.68	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-9.3	1.2	15.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-7.0	0.0	16.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-8.8	0.0	14.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-6.3	1.2	18.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-4.0	0.0	19.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-5.7	0.0	17.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	178.28	-56.0	-3.0	-20.1	-0.7		0.0	0.9	21.2	0.0	-6.3	1.2	16.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	178.28	-56.0	-3.0	-20.1	-0.7		0.0	0.9	21.2	0.0	-4.0	0.0	17.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	178.28	-56.0	-3.0	-20.1	-0.7		0.0	0.9	21.2	0.0	-5.7	0.0	15.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	178.28	-56.0	-3.0	-20.1	-0.7		0.0	0.9	21.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-6.3	1.2	17.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-4.0	0.0	18.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0	-5.7	0.0	17.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.91	-56.5	-4.2	-20.1	-0.4		0.0	0.9	22.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.86	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0	-6.3	1.2	17.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.86	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0	-4.0	0.0	18.7
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.86	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0	-5.7	0.0	16.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.86	-56.5	-4.0	-20.2	-0.4		0.0	0.7	22.7	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-6.3	1.2	18.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-4.0	0.0	19.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-5.7	0.0	17.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-9.3	1.2	15.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-7.0	0.0	16.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0	-8.8	0.0	14.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.28	-56.0	-4.2	-20.0	-0.3		0.0	0.9	23.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R14 School Church Fl F4		Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 27.7	dB(A)	Lr,lim	dB(A)	Leq,d 28.9	dB(A)	Leq,e 27.1	dB(A)	Leq,n	dB(A)					
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	187.76	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0	-6.3	1.2	19.0
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	187.76	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0	-4.0	0.0	20.2
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	187.76	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0	-5.7	0.0	18.4
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	187.76	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-9.3	1.2	17.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-7.0	0.0	18.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-8.8	0.0	16.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-6.3	1.2	20.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-4.0	0.0	21.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-5.7	0.0	19.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	178.40	-56.0	-2.9	-19.0	-0.6		0.0	0.8	22.4	0.0	-6.3	1.2	17.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	178.40	-56.0	-2.9	-19.0	-0.6		0.0	0.8	22.4	0.0	-4.0	0.0	18.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	178.40	-56.0	-2.9	-19.0	-0.6		0.0	0.8	22.4	0.0	-5.7	0.0	16.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	178.40	-56.0	-2.9	-19.0	-0.6		0.0	0.8	22.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-6.3	1.2	19.0
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-4.0	0.0	20.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0	-5.7	0.0	18.4
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.02	-56.5	-3.9	-19.3	-0.4		0.0	1.2	24.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	187.93	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0	-6.3	1.2	19.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	187.93	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0	-4.0	0.0	20.2
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	187.93	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0	-5.7	0.0	18.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	187.93	-56.5	-3.7	-19.2	-0.4		0.0	1.0	24.2	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-6.3	1.2	20.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-4.0	0.0	21.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-5.7	0.0	19.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-9.3	1.2	17.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-7.0	0.0	18.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0	-8.8	0.0	16.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	178.40	-56.0	-3.9	-18.7	-0.3		0.0	1.1	25.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li dB(A)	R'w dB	L'w dB(A)	Lw dB(A)	l or A m,m²	KI dB	KT dB	DO dB	S m	Adiv dB	Agr dB	Abar dB	Aatm dB	Amisc dB	ADI dB	dLrefl dB(A)	Ls dB(A)	Cmet dB	dLw dB	ZR dB	Lr dB(A)
Receiver R15 School Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 25.9 dB(A) Lr,lim dB(A) Leq,d 27.1 dB(A) Leq,e 25.3 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	196.50	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0	-6.3	1.2	18.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	196.50	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0	-4.0	0.0	19.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	196.50	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0	-5.7	0.0	17.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	196.50	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-9.3	1.2	14.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-7.0	0.0	15.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-8.8	0.0	13.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-6.3	1.2	17.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-4.0	0.0	18.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-5.7	0.0	16.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	214.15	-57.6	-3.6	-18.7	-0.7		0.0	0.4	19.9	0.0	-6.3	1.2	14.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	214.15	-57.6	-3.6	-18.7	-0.7		0.0	0.4	19.9	0.0	-4.0	0.0	15.9
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	214.15	-57.6	-3.6	-18.7	-0.7		0.0	0.4	19.9	0.0	-5.7	0.0	14.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	214.15	-57.6	-3.6	-18.7	-0.7		0.0	0.4	19.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.46	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-6.3	1.2	17.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.46	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-4.0	0.0	19.1
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.46	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0	-5.7	0.0	17.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.46	-56.9	-4.8	-18.5	-0.4		0.0	0.6	23.1	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.48	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0	-6.3	1.2	18.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.48	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0	-4.0	0.0	19.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.48	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0	-5.7	0.0	17.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.48	-56.9	-4.6	-18.3	-0.4		0.0	0.6	23.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-6.3	1.2	17.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-4.0	0.0	18.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-5.7	0.0	16.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-9.3	1.2	14.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-7.0	0.0	15.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0	-8.8	0.0	13.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.15	-57.6	-4.8	-18.8	-0.4		0.0	1.0	22.4	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R15 School		Fl F2	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr,lim	dB(A)	Lr 27.8	dB(A)	Lr,lim	dB(A)	Leq,d 29.0	dB(A)	Leq,e 27.2	dB(A)	Leq,n	dB(A)						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	196.53	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0	-6.3	1.2	20.6
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	196.53	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0	-4.0	0.0	21.8
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	196.53	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0	-5.7	0.0	20.0
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	196.53	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-9.3	1.2	16.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-7.0	0.0	17.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-8.8	0.0	15.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-6.3	1.2	19.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-4.0	0.0	20.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-5.7	0.0	18.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	214.18	-57.6	-2.9	-18.2	-0.6		0.0	0.7	21.4	0.0	-6.3	1.2	16.2
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	214.18	-57.6	-2.9	-18.2	-0.6		0.0	0.7	21.4	0.0	-4.0	0.0	17.4
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	214.18	-57.6	-2.9	-18.2	-0.6		0.0	0.7	21.4	0.0	-5.7	0.0	15.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	214.18	-57.6	-2.9	-18.2	-0.6		0.0	0.7	21.4	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.52	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-6.3	1.2	19.9
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.52	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-4.0	0.0	21.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.52	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0	-5.7	0.0	19.3
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.52	-56.9	-4.5	-16.9	-0.4		0.0	0.6	25.0	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	196.51	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0	-6.3	1.2	20.7
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	196.51	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0	-4.0	0.0	21.8
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	196.51	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0	-5.7	0.0	20.1
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	196.51	-56.9	-4.3	-16.2	-0.4		0.0	0.6	25.8	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-6.3	1.2	19.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-4.0	0.0	20.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-5.7	0.0	18.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-9.3	1.2	16.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-7.0	0.0	17.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0	-8.8	0.0	15.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	214.18	-57.6	-4.6	-17.5	-0.4		0.0	1.2	24.1	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 43.7 dB(A) Lr,lim dB(A) Leq,d 44.9 dB(A) Leq,e 43.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	199.91	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0	-6.3	1.2	35.3
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	199.91	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0	-4.0	0.0	36.5
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	199.91	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0	-5.7	0.0	34.7
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	199.91	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-9.3	1.2	32.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-7.0	0.0	34.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-8.8	0.0	32.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-6.3	1.2	35.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-4.0	0.0	37.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-5.7	0.0	35.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	210.81	-57.5	-3.6	-0.2	-2.1		0.0	0.8	37.5	0.0	-6.3	1.2	32.3
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	210.81	-57.5	-3.6	-0.2	-2.1		0.0	0.8	37.5	0.0	-4.0	0.0	33.5
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	210.81	-57.5	-3.6	-0.2	-2.1		0.0	0.8	37.5	0.0	-5.7	0.0	31.7
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	210.81	-57.5	-3.6	-0.2	-2.1		0.0	0.8	37.5	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-6.3	1.2	35.2
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0	-5.7	0.0	34.6
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.88	-57.0	-4.8	-1.6	-0.4		0.0	1.1	40.3	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	199.90	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0	-6.3	1.2	35.4
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	199.90	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0	-4.0	0.0	36.5
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	199.90	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0	-5.7	0.0	34.8
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	199.90	-57.0	-4.6	-1.6	-0.4		0.0	1.1	40.5	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-6.3	1.2	35.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-4.0	0.0	37.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-5.7	0.0	35.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-9.3	1.2	32.9
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-7.0	0.0	34.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0	-8.8	0.0	32.3
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	210.81	-57.5	-4.8	-0.2	-0.4		0.0	0.9	41.0	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.7 dB(A) Lr,lim dB(A) Leq,d 43.9 dB(A) Leq,e 42.1 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	190.63	-56.6	-4.6	-4.4	-0.4		0.0	1.9	38.9	0.0	-6.3	1.2	33.7
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	190.63	-56.6	-4.6	-4.4	-0.4		0.0	1.9	38.9	0.0	-4.0	0.0	34.9
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	190.63	-56.6	-4.6	-4.4	-0.4		0.0	1.9	38.9	0.0	-5.7	0.0	33.1
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	190.63	-56.6	-4.6	-4.4	-0.4		0.0	1.9	38.9	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-9.3	1.2	32.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-7.0	0.0	33.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-8.8	0.0	31.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-6.3	1.2	35.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-5.7	0.0	34.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	203.54	-57.2	-3.5	-1.9	-1.9		0.0	2.3	37.8	0.0	-6.3	1.2	32.7
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	203.54	-57.2	-3.5	-1.9	-1.9		0.0	2.3	37.8	0.0	-4.0	0.0	33.8
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	203.54	-57.2	-3.5	-1.9	-1.9		0.0	2.3	37.8	0.0	-5.7	0.0	32.1
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	203.54	-57.2	-3.5	-1.9	-1.9		0.0	2.3	37.8	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-6.3	1.2	33.5
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-4.0	0.0	34.6
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0	-5.7	0.0	32.9
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.57	-56.6	-4.8	-4.4	-0.4		0.0	1.7	38.6	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	190.58	-56.6	-4.6	-4.4	-0.4		0.0	1.9	39.0	0.0	-6.3	1.2	33.8
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	190.58	-56.6	-4.6	-4.4	-0.4		0.0	1.9	39.0	0.0	-4.0	0.0	35.0
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	190.58	-56.6	-4.6	-4.4	-0.4		0.0	1.9	39.0	0.0	-5.7	0.0	33.2
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	190.58	-56.6	-4.6	-4.4	-0.4		0.0	1.9	39.0	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-6.3	1.2	35.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-4.0	0.0	36.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-5.7	0.0	34.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-9.3	1.2	32.1
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-7.0	0.0	33.3
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0	-8.8	0.0	31.5
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.54	-57.2	-4.8	-1.9	-0.4		0.0	1.4	40.3	0.0			

515 S Virgil Construction Noise
Mean propagation Leq - Virgil Construction - Grading Shoring

Source type	Time slice	Li	R'w	L'w	Lw	l or A	KI	KT	DO	S	Adiv	Agr	Abar	Aatm	Amisc	ADI	dLrefl	Ls	Cmet	dLw	ZR	Lr
		dB(A)	dB	dB(A)	dB(A)	m,m²	dB	dB	dB	m	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)	dB	dB	dB	dB(A)
Receiver R16 School Church Fl G Lr,lim dB(A) Lr,lim dB(A) Lr,lim dB(A) Lr 42.1 dB(A) Lr,lim dB(A) Leq,d 43.3 dB(A) Leq,e 41.5 dB(A) Leq,n dB(A)																						
Area	Lr			63.8	100.0	4217.7	0.0	0.0	3	188.55	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0	-6.3	1.2	34.2
Area	Leq,d			63.8	100.0	4217.7	0.0	0.0	3	188.55	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4217.7	0.0	0.0	3	188.55	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0	-5.7	0.0	33.6
Area	Leq,n			63.8	100.0	4217.7	0.0	0.0	3	188.55	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0	-9.3	1.2	31.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0	-7.0	0.0	32.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0	-8.8	0.0	30.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0	-6.3	1.2	34.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0	-4.0	0.0	35.2
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0	-5.7	0.0	33.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.3	39.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	0	203.64	-57.2	-3.5	-10.9	-0.8		0.0	7.3	34.9	0.0	-6.3	1.2	29.8
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	0	203.64	-57.2	-3.5	-10.9	-0.8		0.0	7.3	34.9	0.0	-4.0	0.0	31.0
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	0	203.64	-57.2	-3.5	-10.9	-0.8		0.0	7.3	34.9	0.0	-5.7	0.0	29.2
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	0	203.64	-57.2	-3.5	-10.9	-0.8		0.0	7.3	34.9	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-6.3	1.2	34.1
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-4.0	0.0	35.3
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0	-5.7	0.0	33.5
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.53	-56.5	-4.8	-7.9	-0.3		0.0	5.7	39.2	0.0			
Area	Lr			63.8	100.0	4170.9	0.0	0.0	3	188.54	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0	-6.3	1.2	34.3
Area	Leq,d			63.8	100.0	4170.9	0.0	0.0	3	188.54	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0	-4.0	0.0	35.4
Area	Leq,e			63.8	100.0	4170.9	0.0	0.0	3	188.54	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0	-5.7	0.0	33.7
Area	Leq,n			63.8	100.0	4170.9	0.0	0.0	3	188.54	-56.5	-4.6	-7.9	-0.3		0.0	5.7	39.4	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0	-6.3	1.2	34.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0	-4.0	0.0	35.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0	-5.7	0.0	33.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0			
Area	Lr			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0	-9.3	1.2	31.0
Area	Leq,d			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0	-7.0	0.0	32.1
Area	Leq,e			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0	-8.8	0.0	30.4
Area	Leq,n			69.5	100.0	1134.9	0.0	0.0	3	203.64	-57.2	-4.8	-9.8	-0.4		0.0	8.2	39.1	0.0			

515 S Virgil Construction Noise
Hourly sound power level in dB(A) - Virgil Construction - Grading Shoring

Name	0-1 o'clock dB(A)	1-2 o'clock dB(A)	2-3 o'clock dB(A)	3-4 o'clock dB(A)	4-5 o'clock dB(A)	5-6 o'clock dB(A)	6-7 o'clock dB(A)	7-8 o'clock dB(A)	8-9 o'clock dB(A)	9-10 o'clock dB(A)	10-11 o'clock dB(A)	11-12 o'clock dB(A)	12-13 o'clock dB(A)	13-14 o'clock dB(A)	14-15 o'clock dB(A)	15-16 o'clock dB(A)	16-17 o'clock dB(A)	17-18 o'clock dB(A)	18-19 o'clock dB(A)	19-20 o'clock dB(A)	20-21 o'clock dB(A)	21-22 o'clock dB(A)	22-23 o'clock dB(A)	23-24 o'clock dB(A)
Backhoe								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Drill Rig								93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0			
Excavator								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Forklift								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Grader								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Loader								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Skid Steer								96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
Vibratory Pile Driver								93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0			

TRAFFIC NOISE ANALYSIS TOOL

Analysis Scenario: Construction

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)
			Auto	MT	HT	Auto	MT	HT	
Construction Noise - Grading	Hard	20	35	35	35	20	0	200	73.1

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within ±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

Appendix C

Operational Noise Modeling Data

Operational Noise

Mechanical Equipment

Sensitive Receptor	Reference Level (dBA)	Reference Distance (feet)[1]	Distance to Receptor (feet)[2]	Project Noise Level (dBA)[3]	Daytime					Nighttime				
					Ambient (dBA)[4]	Ambient + Project (dBA)	Incremental Increase (dBA)	Incremental Standard[5] (dBA)	Exceeded?	Ambient (dBA)[4]	Ambient + Project (dBA)	Incremental Increase (dBA)	Incremental Standard[5] (dBA)	Exceeded?
1 – Residential	52	50	147	42.6	58.1	58.2	0.1	5.0	No	57.9	57.9	0.0	5.0	No
2 – Residential	52	50	165	41.6	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
3 – Residential	52	50	325	35.7	58.1	58.1	0.0	5.0	No	57.9	57.9	0.0	5.0	No
4 – Puritan Reformed University	52	50	263	37.6	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
5 – Residential	52	50	396	34.0	58.1	58.1	0.0	5.0	No	57.9	57.9	0.0	5.0	No
6 – Residential	52	50	345	35.2	61.7	61.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
7 – New Covenant Academy/ Doulos Mission Church	52	50	325	35.7	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
8 – Residential	52	50	335	35.5	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
9 – World Mission University	52	50	373	34.5	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
10 – Residential	52	50	357	34.9	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
11 – Residential	52	50	380	34.4	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
12 – St John Grace University	52	50	468	32.6	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
13 – Kidsbel	52	50	447	33.0	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church	52	50	613	30.2	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool	52	50	680	29.3	61.7	61.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles	52	50	645	29.8	61.7	61.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
20 – Nobel University	52	50	627	30.0	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No

1. Source: Elliott H. Berger, Rick Neitzel, and Cynthia A. Kladden. *Noise Navigator Sound Level Database with Over 1700 Measurement Values. 2010.*
2. Distance measured assuming the mechanical equipment would be at the center of the rootop.
3. Calculated using the inverse square law formula for sound attenuation: dBA2 = dBA1+20Log(d1/d2), where dBA2 = estimated noise level at receptor; dBA1 = reference noise level; d1 = reference distance; d2 = receptor location distance.
4. Daytime noise measurements were taken by Kimley-Horn and Associates, May 28, 2025. The nighttime noise measurement was taken by Kimley-Horn and Associates, May 28, 2025 to May 29, 2025.
5. Pursuant to LAMC Section 112.02 (Air Conditioning, Refrigeration, Heating, Pumping, Filtering Equipment), the operation of the listed equipment shall not ccause the noise level at another occupied property to exceed the ambient noise level by more than 5 dBA.

Electrical Transformer

Sensitive Receptor	Reference Level (dBA)	Reference Distance (feet)[1]	Distance to Receptor (feet)[2]	Project Noise Level (dBA)[3]	Daytime					Nighttime				
					Ambient (dBA)[4]	Ambient + Project (dBA)	Incremental Increase (dBA)	Incremental Standard[5] (dBA)	Exceeded?	Ambient (dBA)[4]	Ambient + Project (dBA)	Incremental Increase (dBA)	Incremental Standard[5] (dBA)	Exceeded?
1 – Residential	60	3.28	173	25.6	58.1	58.1	0.0	5.0	No	57.9	57.9	0.0	5.0	No
2 – Residential	60	3.28	410	18.1	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
3 – Residential	60	3.28	238	22.8	58.1	58.1	0.0	5.0	No	57.9	57.9	0.0	5.0	No
4 – Puritan Reformed University	60	3.28	378	18.8	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
5 – Residential	60	3.28	260	22.0	58.1	58.1	0.0	5.0	No	57.9	57.9	0.0	5.0	No
6 – Residential	60	3.28	324	20.1	61.7	61.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
7 – New Covenant Academy/ Doulos Mission Church	60	3.28	570	15.2	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
8 – Residential	60	3.28	403	18.2	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
9 – World Mission University	60	3.28	590	14.9	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
10 – Residential	60	3.28	478	16.7	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
11 – Residential	60	3.28	490	16.5	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
12 – St John Grace University	60	3.28	590	14.9	68.4	68.4	0.0	5.0	No	57.9	57.9	0.0	5.0	No
13 – Kidsbel	60	3.28	635	14.3	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission C	60	3.28	745	12.9	64.7	64.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool	60	3.28	540	15.7	61.7	61.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational C	60	3.28	587	14.9	61.7	61.7	0.0	5.0	No	57.9	57.9	0.0	5.0	No

1. Source: National Electrical Manufacturers Association. NEMA TP 80050-2013 (R2024).
2. Distance measured from the transformer on the Project Site plan to the nearest sensitive receptor.
3. Calculated using the inverse square law formula for sound attenuation: dBA2 = dBA1+20Log(d1/d2), where dBA2 = estimated noise level at receptor; dBA1 = reference noise level; d1 = reference distance; d2 = receptor location distance.
4. Daytime noise measurements were taken by Kimley-Horn and Associates, May 28, 2025. The nighttime noise measurement was taken by Kimley-Horn and Associates, May 28, 2025 to May 29, 2025.
5. Pursuant to the LAMC noise generated shall not cause the noise level at another occupied property to exceed the ambient noise level by more than 5 dBA.

Storage Loading and Unloading Activities

Sensitive Receptor	Reference Level (dBA)	Reference Distance (feet)[1]	Distance to Receptor (feet)[2]	Project Noise Level (dBA)[3]	Unmitigated Daytime				
					Ambient (dBA)[4]	Ambient + Project	Incremental Increase	Incremental Standard[5]	Exceeded?
1 – Residential	61	50	95	55.4	58.1	60.0	1.9	5.0	No
2 – Residential	61	50	95	55.4	64.7	65.2	0.5	5.0	No
3 – Residential	61	50	248	47.1	58.1	58.4	0.3	5.0	No
4 – Puritan Reformed University	61	50	330	44.6	68.4	68.4	0.0	5.0	No
5 – Residential	61	50	278	46.1	58.1	58.4	0.3	5.0	No
6 – Residential	61	50	294	45.6	61.7	61.8	0.1	5.0	No
7 – New Covenant Academy/ Doulos Mission Church	61	50	255	46.8	64.7	64.8	0.1	5.0	No
8 – Residential	61	50	355	44.0	68.4	68.4	0.0	5.0	No
9 – World Mission University	61	50	288	45.8	64.7	64.8	0.1	5.0	No
10 – Residential	61	50	283	45.9	64.7	64.8	0.1	5.0	No
11 – Residential	61	50	441	42.1	68.4	68.4	0.0	5.0	No
12 – St John Grace University	61	50	540	40.3	68.4	68.4	0.0	5.0	No
13 – Kidsbel	61	50	456	41.8	64.7	64.7	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission C	61	50	530	40.5	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool	61	50	560	40.0	61.7	61.7	0.0	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational C	61	50	573	39.8	61.7	61.7	0.0	5.0	No

1. Source: Kariel, H. G., Noise in Rural Recreational Environments. Canadian Acoustics 19(5), 3-10.1991.
2. Distance measured from the parking lot area on the Project Site plan to the nearest sensitive receptors.
3. Calculated using the inverse square law formula for sound attenuation: dBA2 = dBA1+20Log(d1/d2), where dBA2 = estimated noise level at receptor; dBA1 = reference noise level; d1 = reference distance; d2 = receptor location distance.
4. Daytime noise measurements were taken by Kimley-Horn and Associates, May 28, 2025.
5. Pursuant to the LAMC noise generated shall not cause the noise level at another occupied property to exceed the ambient noise level by more than 5 dBA.
6. Noise levels assume a 15 dBA reduction from a wall shielding the noise source.

Parking Lot Activities

Sensitive Receptor	Reference Level (dBA)	Reference Distance (feet)[1]	Distance to Receptor (feet)[2]	Project Noise Level (dBA)[3]	Ambient (dBA)[4]	Ambient + Project	Incremental Increase	Incremental Standard[5]	Exceeded?
1 – Residential	61	50	81	56.8	58.1	60.5	2.4	5.0	No
2 – Residential	61	50	248	47.1	64.7	64.8	0.1	5.0	No
3 – Residential	61	50	247	47.1	58.1	58.4	0.3	5.0	No
4 – Puritan Reformed University	61	50	304	45.3	68.4	68.4	0.0	5.0	No
5 – Residential	61	50	278	46.1	58.1	58.4	0.3	5.0	No
6 – Residential	61	50	315	45.0	61.7	61.8	0.1	5.0	No
7 – New Covenant Academy/ Doulos Mission Church	61	50	407	42.8	64.7	64.7	0.0	5.0	No
8 – Residential	61	50	350	44.1	68.4	68.4	0.0	5.0	No
9 – World Mission University	61	50	440	42.1	64.7	64.7	0.0	5.0	No
10 – Residential	61	50	372	43.6	64.7	64.7	0.0	5.0	No
11 – Residential	61	50	415	42.6	68.4	68.4	0.0	5.0	No
12 – St John Grace University	61	50	475	41.4	68.4	68.4	0.0	5.0	No
13 – Kidsbel	61	50	487	41.2	64.7	64.7	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission C	61	50	640	38.9	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool	61	50	550	40.2	61.7	61.7	0.0	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational C	61	50	605	39.3	61.7	61.7	0.0	5.0	No

1. Source: Kariel, H. G., Noise in Rural Recreational Environments. Canadian Acoustics 19(5), 3-10.1991.
2. Distance measured from the parking spaces on the Project Site plan to the nearest sensitive receptors.
3. Calculated using the inverse square law formula for sound attenuation: dBA2 = dBA1+20Log(d1/d2), where dBA2 = estimated noise level at receptor; dBA1 = reference noise level; d1 = reference distance; d2 = receptor location distance.
4. Daytime noise measurements were taken by Kimley-Horn and Associates, May 28, 2025.
5. Pursuant to the LAMC noise generated shall not cause the noise level at another occupied property to exceed the ambient noise level by more than 5 dBA.
6. Noise levels assume a 15 dBA reduction from a wall shielding the noise source.

Unmitigated Daytime Composite

Sensitive Receptor	Mechanical Equipment (dBA)	Transformer (dBA)	Loading/Unloading (dBA)	Parking (dBA)	Combined Noise at Receptor (dBA)	Ambient (dBA)[1]	Ambient + Project	Incremental Increase	Incremental Standard[2]	Exceeded?
1 – Residential	42.6	25.6	55.4	56.8	59.3	58.1	61.7	3.6	5.0	No
2 – Residential	41.6	18.1	55.4	47.1	56.2	64.7	65.3	0.6	5.0	No
3 – Residential	35.7	22.8	47.1	47.1	50.3	58.1	58.8	0.7	5.0	No
4 – Puritan Reformed University	37.6	18.8	44.6	45.3	48.4	68.4	68.4	0.0	5.0	No
5 – Residential	34.0	22.0	46.1	46.1	49.2	58.1	58.6	0.5	5.0	No
6 – Residential	35.2	20.1	45.6	45.0	48.5	61.7	61.9	0.2	5.0	No
7 – New Covenant Academy/ Doulos Mission Church	35.7	15.2	46.8	42.8	48.5	64.7	64.8	0.1	5.0	No
8 – Residential	35.5	18.2	44.0	44.1	47.3	68.4	68.4	0.0	5.0	No
9 – World Mission University	34.5	14.9	45.8	42.1	47.6	64.7	64.8	0.1	5.0	No
10 – Residential	34.9	16.7	45.9	43.6	48.1	64.7	64.8	0.1	5.0	No
11 – Residential	34.4	16.5	42.1	42.6	45.7	68.4	68.4	0.0	5.0	No
12 – St John Grace University	32.6	14.9	40.3	41.4	44.2	68.4	68.4	0.0	5.0	No
13 – Kidsbel	33.0	14.3	41.8	41.2	44.8	64.7	64.7	0.0	5.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission C	30.2	12.9	40.5	38.9	43.0	64.7	64.7	0.0	5.0	No
15 – Immaculate Heart of Mary Preschool	29.3	15.7	40.0	40.2	43.3	61.7	61.8	0.1	5.0	No
16 – Pilgrim School/ New Central Church/ First Congregational C	29.8	14.9	39.8	39.3	42.8	61.7	61.8	0.1	5.0	No

1. Daytime noise measurements were taken by Kimley-Horn and Associates, May 28, 2025.
2. Pursuant to the Noise Regulations noise generated shall not cause the noise level at another occupied property to exceed the ambient noise level by more than 5 dBA.

Nighttime Composite

Sensitive Receptor	Mechanical Equipment (dBA)	Transformer (dBA)	Combined Noise at Receptor (dBA)	Ambient (dBA)[1]	Ambient + Project	Incremental Increase	Incremental Standard[2]	Exceeded?
1 – Residential	42.6	25.6	42.7	57.9	58.0	0.1	5.0	No
2 – Residential	41.6	18.1	41.6	57.9	58.0	0.1	5.0	No
3 – Residential	35.7	22.8	36.0	57.9	57.9	0.0	5.0	No
4 – Puritan Reformed University	37.6	18.8	37.6	57.9	57.9	0.0	5.0	No
5 – Residential	34.0	22.0	34.3	57.9	57.9	0.0	5.0	No
6 – Residential	35.2	20.1	35.4	57.9	57.9	0.0	6.0	No
7 – New Covenant Academy/ Doulos Mission Church	35.7	15.2	35.8	57.9	57.9	0.0	7.0	No
8 – Residential	35.5	18.2	35.6	57.9	57.9	0.0	8.0	No
9 – World Mission University	34.5	14.9	34.6	57.9	57.9	0.0	9.0	No
10 – Residential	34.9	16.7	35.0	57.9	57.9	0.0	10.0	No
11 – Residential	34.4	16.5	34.5	57.9	57.9	0.0	11.0	No
12 – St John Grace University	32.6	14.9	32.6	57.9	57.9	0.0	13.0	No
13 – Kidsbel	33.0	14.3	33.0	57.9	57.9	0.0	14.0	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission C	30.2	12.9	30.3	57.9	57.9	0.0	15.0	No
15 – Immaculate Heart of Mary Preschool	29.3	15.7	29.5	57.9	57.9	0.0	16.0	No
16 – Pilgrim School/ New Central Church/ First Congregational C	29.8	14.9	29.9	57.9	57.9	0.0	17.0	No

1. The nighttime noise measurement was taken by Kimley-Horn and Associates, May 28, 2025 to May 29, 2025.
2. Pursuant to the Noise Regulations noise generated shall not cause the noise level at another occupied property to exceed the ambient noise level by more than 5 dBA.

Roadway	Segment	Existing 2025	Existing + Project 2025	Future Base 2028	Future + Project 2028	Project-Only Trips	Data prepared Jan 23, 2026 by GTC
5th Street	West of Westmoreland	2,110	2,154	2,242	2,286	44	
5th Street	Westmoreland to Virgil	2,110	2,175	2,208	2,273	65	
5th Street	East of Virgil	2,320	2,384	2,824	2,888	64	
6th Street	West of Westmoreland	25,760	25,804	29,147	29,191	44	
6th Street	Westmoreland to Virgil	25,760	25,760	28,781	28,781	0	
6th Street	East of Virgil	25,760	25,824	27,983	28,047	64	
Westmoreland Avenue	North of 5th	4,180	4,244	4,741	4,805	64	
Westmoreland Avenue	5th to 6th	5,820	5,993	6,464	6,637	173	
Westmoreland Avenue	South of 6th	6,400	6,444	6,874	6,918	44	
Virgil Avenue	North of 5th	15,320	15,384	16,218	16,282	64	
Virgil Avenue	5th to 6th	15,320	15,428	16,686	16,794	108	
Virgil Avenue	South of 6th	19,020	19,064	19,876	19,920	44	

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Scenario: Existing
Ldn/CNEL: CNEL

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%

								Vehicle Mix		Distance from Centerline of Roadway				
				Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at	Distance to Contour			
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	50 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1	5th Street	West of Westmoreland Avenue	2	0	2,110	30	0	2.0%	1.0%	56.1	-	-	-	64
2	5th Street	Westmoreland Avenue to Virgil Avenue	2	0	2,110	30	0	2.0%	1.0%	56.1	-	-	-	64
3	5th Street	East of Virgil Avenue	2	0	2,320	30	0	2.0%	1.0%	56.5	-	-	-	70
4	6th Street	West of Westmoreland Avenue	4	0	25,760	35	0	2.0%	1.0%	68.1	-	101	320	1,012
5	6th Street	Westmoreland Avenue to Virgil Avenue	4	0	25,760	35	0	2.0%	1.0%	68.1	-	101	320	1,012
6	6th Street	East of Virgil Avenue	4	0	25,760	35	0	2.0%	1.0%	68.1	-	101	320	1,012
7	Westmoreland Avenue	North of 5th Street	2	0	4,180	30	0	2.0%	1.0%	59.0	-	-	40	126
8	Westmoreland Avenue	5th Street to 6th Street	2	0	5,820	30	0	2.0%	1.0%	60.5	-	-	56	176
9	Westmoreland Avenue	South of 6th Street	2	0	6,400	30	0	2.0%	1.0%	60.9	-	-	61	193
10	Virgil Avenue	North of 5th Street	4	0	15,320	35	0	2.0%	1.0%	65.8	-	60	190	602
11	Virgil Avenue	5th Street to 6th Street	4	0	15,320	35	0	2.0%	1.0%	65.8	-	60	190	602
12	Virgil Avenue	South of 6th Street	4	0	19,020	35	0	2.0%	1.0%	66.7	-	75	236	748

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Scenario: Existing Plus Project
Ldn/CNEL: CNEL

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%

								Vehicle Mix		Distance from Centerline of Roadway				
				Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at	Distance to Contour			
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	50 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1	5th Street	West of Westmoreland Avenue	2	0	2,154	30	0	2.0%	1.0%	56.1	-	-	-	65
2	5th Street	Westmoreland Avenue to Virgil Avenue	2	0	2,175	30	0	2.0%	1.0%	56.2	-	-	-	66
3	5th Street	East of Virgil Avenue	2	0	2,384	30	0	2.0%	1.0%	56.6	-	-	-	72
4	6th Street	West of Westmoreland Avenue	4	0	25,804	35	0	2.0%	1.0%	68.1	-	101	321	1,014
5	6th Street	Westmoreland Avenue to Virgil Avenue	4	0	25,760	35	0	2.0%	1.0%	68.1	-	101	320	1,012
6	6th Street	East of Virgil Avenue	4	0	25,824	35	0	2.0%	1.0%	68.1	-	101	321	1,015
7	Westmoreland Avenue	North of 5th Street	2	0	4,244	30	0	2.0%	1.0%	59.1	-	-	41	128
8	Westmoreland Avenue	5th Street to 6th Street	2	0	5,993	30	0	2.0%	1.0%	60.6	-	-	57	181
9	Westmoreland Avenue	South of 6th Street	2	0	6,444	30	0	2.0%	1.0%	60.9	-	-	62	195
10	Virgil Avenue	North of 5th Street	4	0	15,384	35	0	2.0%	1.0%	65.8	-	60	191	605
11	Virgil Avenue	5th Street to 6th Street	4	0	15,428	35	0	2.0%	1.0%	65.8	-	61	192	606
12	Virgil Avenue	South of 6th Street	4	0	19,064	35	0	2.0%	1.0%	66.8	-	75	237	749

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Scenario: Horizon Year
Ldn/CNEL: CNEL

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%

								Vehicle Mix		Distance from Centerline of Roadway				
				Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at	Distance to Contour			
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	50 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1	5th Street	West of Westmoreland Avenue	2	0	2,242	30	0	2.0%	1.0%	56.3	-	-	-	68
2	5th Street	Westmoreland Avenue to Virgil Avenue	2	0	2,208	30	0	2.0%	1.0%	56.3	-	-	-	67
3	5th Street	East of Virgil Avenue	2	0	2,824	30	0	2.0%	1.0%	57.3	-	-	-	85
4	6th Street	West of Westmoreland Avenue	4	0	29,147	35	0	2.0%	1.0%	68.6	-	115	362	1,146
5	6th Street	Westmoreland Avenue to Virgil Avenue	4	0	28,781	35	0	2.0%	1.0%	68.5	-	113	358	1,131
6	6th Street	East of Virgil Avenue	4	0	27,983	35	0	2.0%	1.0%	68.4	-	110	348	1,100
7	Westmoreland Avenue	North of 5th Street	2	0	4,741	30	0	2.0%	1.0%	59.6	-	-	45	143
8	Westmoreland Avenue	5th Street to 6th Street	2	0	6,464	30	0	2.0%	1.0%	60.9	-	-	62	195
9	Westmoreland Avenue	South of 6th Street	2	0	6,874	30	0	2.0%	1.0%	61.2	-	-	66	208
10	Virgil Avenue	North of 5th Street	4	0	16,218	35	0	2.0%	1.0%	66.1	-	64	202	637
11	Virgil Avenue	5th Street to 6th Street	4	0	16,686	35	0	2.0%	1.0%	66.2	-	66	207	656
12	Virgil Avenue	South of 6th Street	4	0	19,876	35	0	2.0%	1.0%	66.9	-	78	247	781

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Scenario: Horizon Year Plus Project
Ldn/CNEL: CNEL

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%

								Vehicle Mix		Distance from Centerline of Roadway			
				Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at	Distance to Contour			
#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	50 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1	5th Street	West of Westmoreland Avenue	2	0	2,286	30	0	2.0%	1.0%	56.4	-	-	-	69
2	5th Street	Westmoreland Avenue to Virgil Avenue	2	0	2,273	30	0	2.0%	1.0%	56.4	-	-	-	69
3	5th Street	East of Virgil Avenue	2	0	2,888	30	0	2.0%	1.0%	57.4	-	-	-	87
4	6th Street	West of Westmoreland Avenue	4	0	29,191	35	0	2.0%	1.0%	68.6	-	115	363	1,147
5	6th Street	Westmoreland Avenue to Virgil Avenue	4	0	28,781	35	0	2.0%	1.0%	68.5	-	113	358	1,131
6	6th Street	East of Virgil Avenue	4	0	28,047	35	0	2.0%	1.0%	68.4	-	110	349	1,102
7	Westmoreland Avenue	North of 5th Street	2	0	4,805	30	0	2.0%	1.0%	59.6	-	-	46	145
8	Westmoreland Avenue	5th Street to 6th Street	2	0	6,637	30	0	2.0%	1.0%	61.0	-	-	63	201
9	Westmoreland Avenue	South of 6th Street	2	0	6,918	30	0	2.0%	1.0%	61.2	-	-	66	209
10	Virgil Avenue	North of 5th Street	4	0	16,282	35	0	2.0%	1.0%	66.1	-	64	202	640
11	Virgil Avenue	5th Street to 6th Street	4	0	16,794	35	0	2.0%	1.0%	66.2	-	66	209	660
12	Virgil Avenue	South of 6th Street	4	0	19,920	35	0	2.0%	1.0%	66.9	-	78	248	783

[1] Distance is from the centerline of the roadway segment to the receptor location.
"-" = contour is located within the roadway right-of-way.

Appendix D

Construction Vibration Data

Construction Vibration - Building Damage

Receptor	Vibratory /Sonic Pile Driver Distance (feet)	Vibratory /Sonic Pile Driver (in/sec PPV)2	Caisson Drill Distance (feet)	Caisson Drill (in/sec PPV)	Distance (feet)[3]	Loaded Truck Vibration (in/sec PPV)2	Distance (feet)[1]	Track Mounted Loader/ Small Bulldozer Vibration (in/sec PPV)2	Threshold[4,5,6]	Significant
Reference	25	0.734	25	0.089	25	0.076	25	0.003		
1 – Residential	84	0.12	84	0.01	84	0.00	84	0.00	0.30	No
2A – Residential	95	0.10	95	0.01	95	0.00	95	0.00	0.50	No
2B – Residential	95	0.10	95	0.01	95	0.00	95	0.00	0.25	No
2C – Residential	107	0.08	107	0.01	107	0.00	107	0.00	0.30	No
2D – Residential	140	0.06	140	0.01	140	0.00	140	0.00	0.25	No
3A – Residential	240	0.02	240	0.00	240	0.00	240	0.00	0.30	No
3B – Residential	225	0.03	225	0.00	225	0.00	225	0.00	0.50	No
4 – Puritan Reformed University	230	0.03	230	0.00	230	0.00	230	0.00	0.50	No
5A – Residential	600	0.01	600	0.00	495	0.00	495	0.00	0.50	No
5B – Residential	420	0.01	420	0.00	420	0.00	420	0.00	0.30	No
5C – Residential	340	0.01	340	0.00	244	0.00	244	0.00	0.50	No
6 – Residential	265	0.02	265	0.00	265	0.00	265	0.00	0.30	No
7A – New Covenant Academy/ Doulos Mission Church	255	0.02	255	0.00	255	0.00	255	0.00	0.50	No
7B – New Covenant Academy/ Doulos Mission Church	300	0.02	300	0.00	300	0.00	300	0.00	0.25	No
8A – Residential	271	0.02	271	0.00	271	0.00	271	0.00	0.50	No
8B – Residential	450	0.01	450	0.00	450	0.00	450	0.00	0.25	No
9 – World Mission University	285	0.02	285	0.00	285	0.00	285	0.00	0.50	No
10 – Residential	280	0.02	280	0.00	280	0.00	280	0.00	0.50	No
11 – Residential	340	0.01	340	0.00	340	0.00	340	0.00	0.30	No
12 – St John Grace University	440	0.01	440	0.00	440	0.00	440	0.00	0.50	No
13 – Kidsbel	415	0.01	415	0.00	415	0.00	415	0.00	0.30	No
14 – Dongguk University Los Angeles/ Ttokamsa Home Mission Church	500	0.01	500	0.00	500	0.00	500	0.00	0.50	No
15 – Immaculate Heart of Mary Preschool	600	0.01	600	0.00	520	0.00	520	0.00	0.30	No
16 – Pilgrim School/ New Central Church/ First Congregational Church of Los Angeles	560	0.01	560	0.00	560	0.00	560	0.00	0.25	No
17 - Medical Office	35	0.44	35	0.05	5	0.00	5	0.02	0.50	No
18 – Commercial	6	**6.24**	6	**0.76**	5	0.00	5	0.02	0.50	**YES**
19 - Medical Office	80	0.13	80	0.02	80	0.00	80	0.00	0.50	No
20 – Commercial	240	0.02	240	0.00	240	0.00	240	0.00	0.50	No
21 - Medical Office	405	0.01	405	0.00	405	0.00	405	0.00	0.50	No
22 - Commercial	515	0.01	515	0.00	515	0.00	515	0.00	0.25	No
23 – Medical Offices	310	0.02	310	0.00	310	0.00	310	0.00	0.50	No
24 – Medical Offices	460	0.01	460	0.00	460	0.00	460	0.00	0.25	No
25 – Commercial	270	0.02	270	0.00	270	0.00	270	0.00	0.50	No

NOTES:

1. track mounted loader/ small bulldozer would operate at the Project Site; measured from the Project Site boundary to the nearest receptor

2. calculated using PPV equip = PPVref x $(25/D)^{1.1}$

where: PPV (equip) = the peak particle velocity of the equipment in in/sec adjusted for the distance

PPV (ref) = the reference vibration level in in/sec

D = the distance from the equipment to the receiver

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, Table 7-4, 2018

3. haul trucks would be staged throughout the Project construction area; measured from the Project construction area to the nearest receptor

4. Thresholds Update criteria for modern structures.

5. Threshold Update criteria for older residential structures, which is defined as a structure over 50 years.

6. Thresholds Update criteria for historic structures.

Source: City of Los Angeles, Construction Noise and Vibration Updates to Thresholds and Methodology, 2024.

Construction Vibration - Building Damage (Mitigated)

Receptor	Vibratory /Sonic Pile Driver Distance (feet)	Vibratory /Sonic Pile Driver (in/sec PPV)2	Caisson Drill Distance (feet)	Caisson Drill (in/sec PPV)	Threshold[4,5,6]	Significant
Reference	25	0.734	25	0.089		
18 – Commercial	33	**0.48**	8	**0.49**	0.50	No