ADELANTO INDUSTRIAL PARK

NOISE AND VIBRATION ANALYSIS

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LIST OF ABBREVIATED TERMS

(1)	Reference
ANSI	American National Standards Institute
Calveno	California Vehicle Noise
CEQA	California Environmental Quality Act
City	City of Adelanto
CNEL	Community Noise Equivalent Level
dBA	A-weighted decibels
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
INCE	Institute of Noise Control Engineering
Leq	Equivalent continuous (average) sound level
Lmax	Maximum level measured over the time interval
mph	Miles per hour
PPV	Peak Particle Velocity
Project	Adelanto Industrial Park
REMEL	Reference Energy Mean Emission Level
RMS	Root-mean-square
VdB	Vibration Decibels

EXECUTIVE SUMMARY

Urban Crossroads, Inc. has prepared this noise study to determine the noise exposure and the necessary noise mitigation measures for the Adelanto Industrial Park (Project) in the City of Adelanto. This noise study has been prepared to satisfy applicable City of Adelanto noise standards and significance criteria based on Appendix G of the California Environmental Quality Act (CEQA) Guidelines. (1)

The results of this Noise and Vibration Analysis are summarized below based on the significance criteria in Section 4 of this report, consistent with Appendix G of the CEQA Guidelines. (1) Table ES- 1 shows the findings of significance for each potential noise and/or vibration impact before and after any required mitigation measures.

TABLE ES-1: SUMMARY OF SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Off-Site Traffic Noise	7	*Less Than Significant*	-
Operational Noise	9	*Less Than Significant*	-
Construction Noise	10	*Less Than Significant*	-
Construction Vibration	10	*Less Than Significant*	-

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1 INTRODUCTION

This Noise and Vibration Analysis has been completed to determine the noise impacts associated with the development of the Adelanto Industrial Park ("Project"). This noise and vibration analysis briefly describes the Project, provides information regarding noise fundamentals, sets out the local regulatory setting, presents the study methods and procedures for noise analysis, evaluates the future exterior noise environment, potential off-site traffic impacts, the Project-related long-term stationary-source operational noise, and Project-related short-term construction noise and vibration impacts.

1.1 SITE LOCATION

The proposed Project is situated within the City of Adelanto in San Bernardino County. The Project site occupies a location in the eastern portion of Adelanto, east of U.S. Highway 395. It is bordered to the north by Air Expressway Boulevard, to the south by Rancho Road, Yucca Road, and Joshua Avenue, and to the west by Emerald Road, Mesa Linda Road, and Adelanto Road, as shown in Exhibit 1-A.

Surrounding land uses include predominantly vacant land within the Southern California Logistics Airport to the north, located in the City of Victorville. To the south and west, within the City of Adelanto, the area is characterized by a mix of vacant parcels and existing manufacturing and industrial uses. To the east, the site is bordered by the Victorville Federal Correctional Complex.

1.2 PROJECT DESCRIPTION

The Project is a 451.00-acre parcel located near the southeast corner of Air Expressway and Adelanto Road, consisting of seven warehouse buildings. The buildings range in size from about 1,139,727 gross square feet (SF) of floor area to about 1,505,304 gross SF totaling nearly 8,256,274 square feet of warehousing. The Project is set to be completed in three phases. Each of the buildings are made up of 80% High-Cube Transload and Short-Term Storage Warehouse and 20% High-Cube Cold Storage Warehouse. Phase 1 consisting of Buildings 2 through 4 approximately 3,976,827 SF of warehousing, Phase 2 consisting of Buildings 5 through 7 approximately 4,128,261 SF of warehousing, and Phase 3 to construct Building 1 approximately 151,186 SF of warehousing.

EXHIBIT 1-1: PROJECT LOCATION

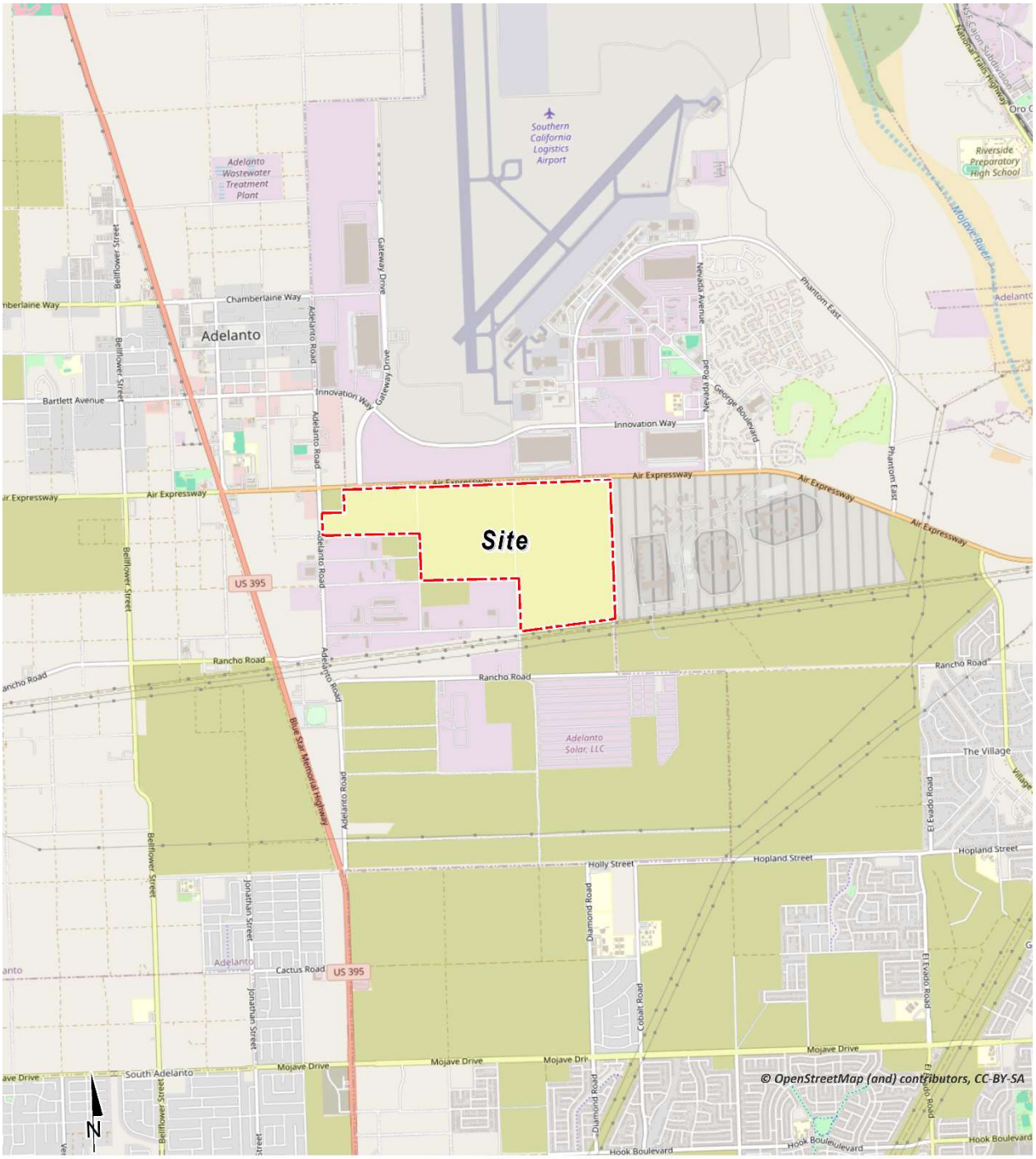
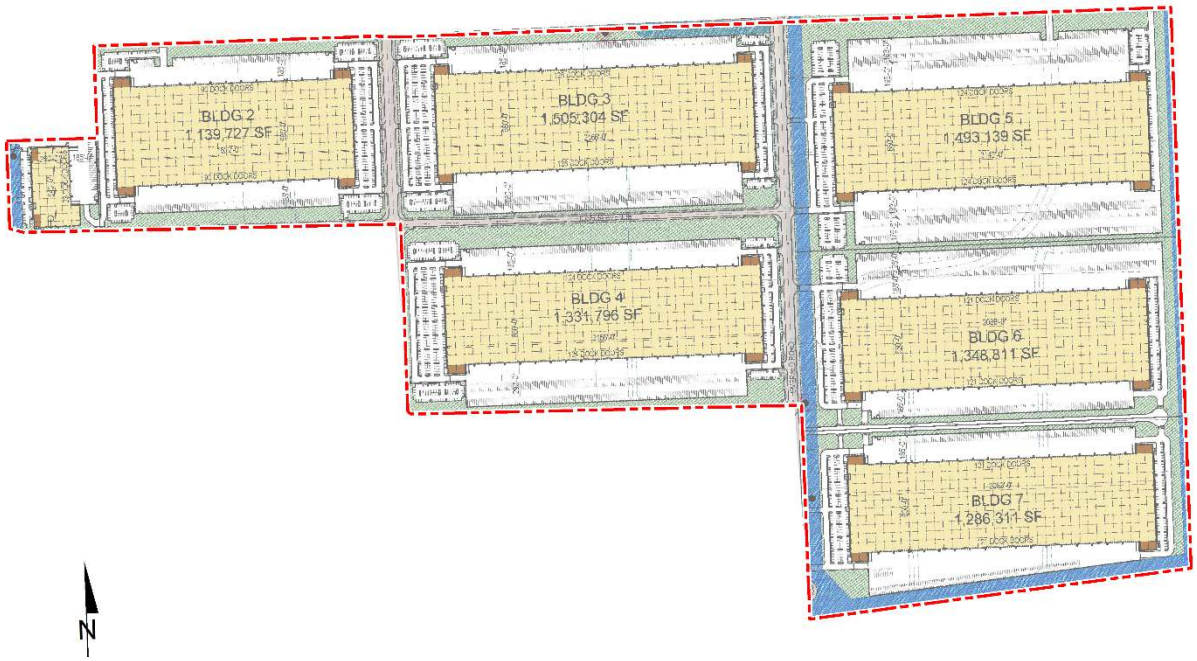


EXHIBIT 1-2: SITE PLAN



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2 FUNDAMENTALS

Noise is simply defined as "unwanted sound." Sound becomes unwanted when it interferes with normal activities, when it causes actual physical harm, or when it has adverse effects on health. Noise is measured on a logarithmic scale of sound pressure level known as a decibel (dB). A-weighted decibels (dBA) approximate the subjective response of the human ear to a broad frequency noise source by discriminating against very low and very high frequencies of the audible spectrum. They are adjusted to reflect only those frequencies that are audible to the human ear. Exhibit 2-1 presents a summary of the typical noise levels and their subjective loudness and effects that are described in more detail below.

EXHIBIT 2-1: TYPICAL NOISE LEVELS

COMMON OUTDOOR ACTIVITIES	COMMON INDOOR ACTIVITIES	A - WEIGHTED SOUND LEVEL dBA	SUBJECTIVE LOUDNESS	EFFECTS OF NOISE
THRESHOLD OF PAIN		140	INTOLERABLE OR DEAFENING	HEARING LOSS
NEAR JET ENGINE		130		
		120		
JET FLY-OVER AT 300m (1000 ft)	ROCK BAND	110		
LOUD AUTO HORN		100	VERY NOISY	
GAS LAWN MOWER AT 1m (3 ft)		90		
DIESEL TRUCK AT 15m (50 ft), at 80 km/hr (50 mph)	FOOD BLENDER AT 1m (3 ft)	80		SPEECH INTERFERENCE
NOISY URBAN AREA, DAYTIME	VACUUM CLEANER AT 3m (10 ft)	70	LOUD	
HEAVY TRAFFIC AT 90m (300 ft)	NORMAL SPEECH AT 1m (3 ft)	60		
QUIET URBAN DAYTIME	LARGE BUSINESS OFFICE	50	MODERATE	SLEEP DISTURBANCE
QUIET URBAN NIGHTTIME	THEATER, LARGE CONFERENCE ROOM (BACKGROUND)	40		
QUIET SUBURBAN NIGHTTIME	LIBRARY	30	FAINT	NO EFFECT
QUIET RURAL NIGHTTIME	BEDROOM AT NIGHT, CONCERT HALL (BACKGROUND)	20		
	BROADCAST/RECORDING STUDIO	10	VERY FAINT	
LOWEST THRESHOLD OF HUMAN HEARING	LOWEST THRESHOLD OF HUMAN HEARING	0		

Source: Environmental Protection Agency Office of Noise Abatement and Control, Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety (EPA/ONAC 550/9-74-004) March 1974.

2.1 RANGE OF NOISE

Since the range of intensities that the human ear can detect is so large, the scale frequently used to measure intensity is a scale based on multiples of 10, the logarithmic scale. The scale for measuring intensity is the decibel scale. Each interval of 10 decibels indicates a sound energy ten times greater than before, which is perceived by the human ear as being roughly twice as loud. (2) The most common sounds vary between 40 dBA (very quiet) to 100 dBA (very loud). Normal conversation at three feet is roughly at 60 dBA, while loud jet engine noises equate to 110 dBA at approximately

1,000 feet, which can cause serious discomfort. (3) Another important aspect of noise is the duration of the sound and the way it is described and distributed in time.

2.2 NOISE DESCRIPTORS

Environmental noise descriptors are generally based on averages, rather than on instantaneous noise levels. The most used metric is the equivalent level (Leq). Equivalent sound levels are not measured directly but are calculated from sound pressure levels typically measured in A-weighted decibels (dBA). The equivalent sound level (Leq) represents a steady state sound level containing the same total energy as a time-varying signal over a given sample period and is commonly used to describe the "average" noise levels within the environment.

Peak hour or average noise levels, while useful, do not completely describe a given noise environment. Noise levels lower than peak hour may be disturbing if they occur during times when quiet is most desirable, namely, evening and nighttime (sleeping) hours. To account for this, the Community Noise Equivalent Level (CNEL), representing a composite 24-hour noise level, is utilized. The CNEL is the weighted average of the intensity of a sound, with corrections for time of day, and averaged over 24 hours. The time-of-day corrections require the addition of 5 decibels to dBA Leq sound levels in the evening from 7:00 p.m. to 10:00 p.m., and the addition of 10 decibels to dBA Leq sound levels at night between 10:00 p.m. and 7:00 a.m. These additions are made to account for the noise-sensitive time periods during the evening and night hours when noise can become more intrusive. CNEL does not represent the actual sound level heard at any time, but rather represents the total sound exposure. The City of Adelanto relies on the 24-hour CNEL level to assess land use compatibility with transportation-related noise sources.

2.3 SOUND PROPAGATION

When sound propagates over a distance, it changes in level and frequency content. The way noise reduces with distance depends on the following factors.

2.3.1 Geometric Spreading

Sound from a localized source (i.e., a stationary point source) propagates uniformly outward in a spherical pattern. The sound level attenuates (or decreases) at a rate of 6 dB for each doubling of distance from a point source. Highways consist of several localized noise sources on a defined path and hence can be treated as a line source, which approximates the effect of several point sources. Noise from a line source propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of 3 dB for each doubling of distance from a line source. (2)

2.3.2 Ground Absorption

The propagation path of noise from a highway to a receiver is usually very close to the ground. Noise attenuation from ground absorption and reflective wave canceling adds to the attenuation associated with geometric spreading. Traditionally, the excess attenuation has also been expressed

in terms of attenuation per doubling of distance. This approximation is usually sufficiently accurate for distances of less than 200 feet. For acoustically hard sites (i.e., sites with a reflective surface between the source and the receiver, such as a parking lot or body of water), no excess ground attenuation is assumed. For acoustically absorptive or soft sites (i.e., those sites with an absorptive ground surface between the source and the receiver such as soft dirt, grass, or scattered bushes and trees), an excess ground attenuation value of 1.5 dB per doubling of distance is normally assumed. When added to the cylindrical spreading, the excess ground attenuation results in an overall drop-off rate of 4.5 dB per doubling of distance from a line source. (4)

2.3.3 Atmospheric Effects

Receivers located downwind from a source can be exposed to increased noise levels relative to calm conditions, whereas locations upwind can have lowered noise levels. Sound levels can be increased at large distances (e.g., more than 500 feet) due to atmospheric temperature inversion (i.e., increasing temperature with elevation). Other factors such as air temperature, humidity, and turbulence can also have significant effects. (2)

2.3.4 Shielding

A large object or barrier in the path between a noise source and a receiver can substantially attenuate noise levels at the receiver. The amount of attenuation provided by shielding depends on the size of the object and the frequency content of the noise source. Shielding by trees and other such vegetation typically only has an "out of sight, out of mind" effect. That is, the perception of noise impact tends to decrease when vegetation blocks the line-of-sight to nearby residents. However, for vegetation to provide a substantial, or even noticeable, noise reduction, the vegetation area must be at least 15 feet in height, 100 feet wide, and dense enough to completely obstruct the line-of-sight between the source and the receiver. This size of vegetation may provide up to 5 dBA of noise reduction. The Federal Highway Administration (FHWA) does not consider the planting of vegetation to be a noise abatement measure. (5)

2.4 Noise Control

Noise control is the process of obtaining an acceptable noise environment for an observation point or receiver by controlling the noise source, transmission path, receiver, or all three. This concept is known as the source-path-receiver concept. In general, noise control measures can be applied to these three elements.

2.5 Noise Barrier Attenuation

Effective noise barriers can reduce noise levels by 10 to 15 dBA, cutting the loudness of traffic noise in half. A noise barrier is most effective when placed close to the noise source or receiver. Noise barriers, however, do have limitations. For a noise barrier to work, it must block the line-of-sight path of sound from the noise source.

2.6 LAND USE COMPATIBILITY WITH NOISE

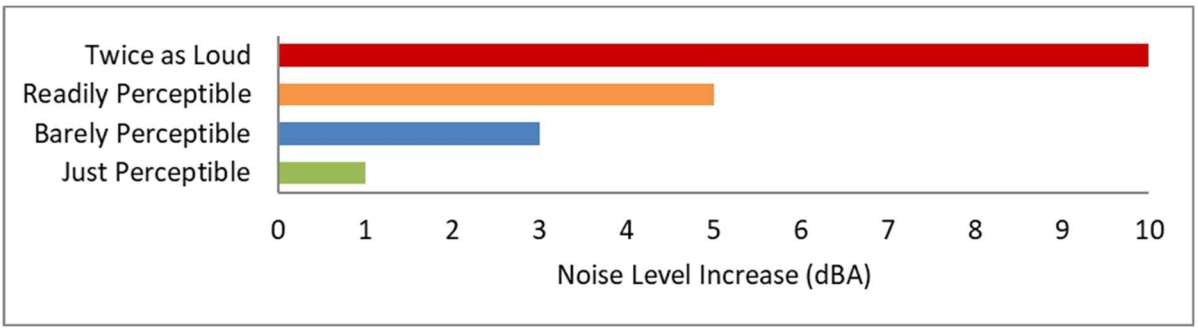
Some land uses are more tolerant of noise than others. For example, schools, hospitals, churches, and residences are more sensitive to noise intrusion than commercial or industrial developments and related activities. As ambient noise levels affect the perceived amenity or livability of a development, so too can the mismanagement of noise impacts impair the economic health and growth potential of a community by reducing the area's desirability as a place to live, shop and work. For this reason, land use compatibility with the noise environment is an important consideration in the planning and design process. The FHWA encourages State and Local government to regulate land development in such a way that noise-sensitive land uses are either prohibited from being located adjacent to a highway, or that the developments are planned, designed, and constructed in such a way that noise impacts are minimized. (6)

2.7 COMMUNITY RESPONSE TO NOISE

Approximately sixteen percent of the population has a very low tolerance for noise and will object to any noise not of their making. Consequently, even in the quietest environment, some complaints may occur. Twenty to thirty percent of the population will not complain even in very severe noise environments. (7 pp. 8-6) Thus, a variety of reactions can be expected from people exposed to any given noise environment.

Surveys have shown that community response to noise varies from no reaction to vigorous action for newly introduced noises averaging from 10 dB below existing to 25 dB above existing. (8) According to research originally published in the Noise Effects Handbook (7), the percentage of high annoyance ranges from approximately 0 percent at 45 dB or less, 10 percent are highly annoyed around 60 dB, and increases rapidly to approximately 70 percent being highly annoyed at approximately 85 dB or greater. Despite this variability in behavior on an individual level, the population can be expected to exhibit the following responses to changes in noise levels as shown on Exhibit 2-2. A change of 3 dBA is considered barely perceptible, and changes of 5 dBA are considered readily perceptible. (4)

EXHIBIT 2-2: NOISE LEVEL INCREASE PERCEPTION



2.8 VIBRATION

Per the Federal Transit Administration (FTA) *Transit Noise and Vibration Impact Assessment Manual*, vibration is the periodic oscillation of a medium or object. The rumbling sound caused by the vibration of room surfaces is called structure-borne noise. Sources of ground-borne vibrations include natural phenomena (e.g., earthquakes, volcanic eruptions, sea waves, landslides) or human-made causes (e.g., explosions, machinery, traffic, trains, construction equipment). Vibration sources may be continuous, such as factory machinery, or transient, such as explosions. As is the case with airborne sound, ground-borne vibrations may be described by amplitude and frequency.

Additionally, in contrast to airborne noise, ground-borne vibration outdoors is not a common environmental problem, and annoyance from ground-borne vibration is almost exclusively an indoor phenomenon (8). Therefore, the effects of vibrations should only be evaluated at a structure, and the effects of the building structure on the vibration should be considered. Wood-frame buildings, such as typical residential structures, are more easily excited by ground vibration than heavier buildings. In contrast, large masonry buildings with spread footings have a low response to ground vibration (8). In general, the heavier a building is, the lower the response will be to the incident vibration energy. However, all structures reduce vibration levels due to the coupling of the building to the soil.

There are several methods used to quantify vibration levels. Peak Particle Velocity (PPV) is defined as the maximum instantaneous peak of a vibration signal and is most commonly used to evaluate the impact of vibration on buildings (9) (8). However, PPV is not always suitable for assessing human response (e.g., annoyance), as the human body does not respond instantly to vibration signals. Instead, it responds to the average amplitude, more accurately represented by the Root Mean Square (RMS) value of the vibration (8).

RMS is defined as the square root of the average of the squared signal amplitude and is commonly used to evaluate human exposure to vibration. RMS and PPV are mathematically related—RMS is typically about 70% of the PPV for certain waveforms (10) (11). However, deriving RMS from PPV requires knowing the full waveform or making assumptions (e.g., sinusoidal or steady-state signals). Without this information, converting PPV to RMS introduces uncertainty and provides limited insight, especially in cases involving transient or impact vibrations (12).

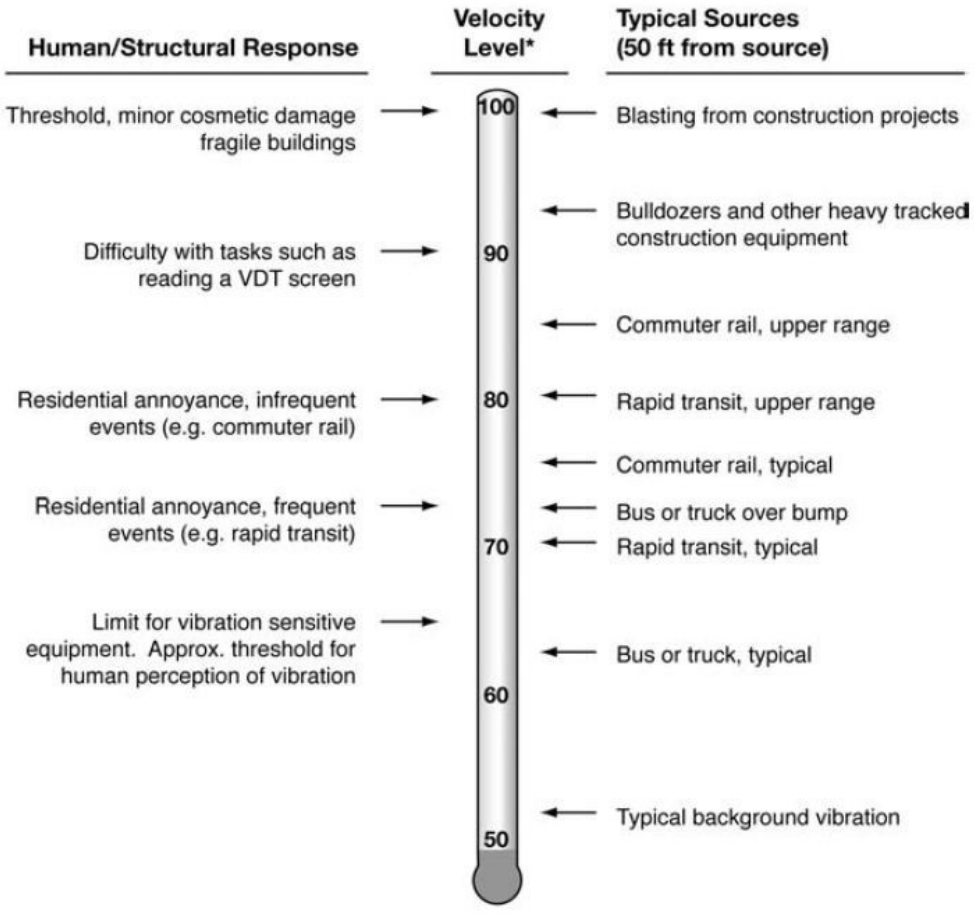
This distinction is important because human annoyance to vibration is often triggered by abrupt, intermittent events, rather than sustained energy levels. Construction-related vibrations are typically impulsive and broadband, in contrast to the continuous, tonal vibrations associated with transit systems. The FTA's RMS-based criteria were developed with train activity in mind and are not well-suited for construction vibration, where perception is driven by factors like suddenness, impact, and repetition (8).

In essence, RMS tends to average out short-duration, high-intensity events—the very events that people find most disturbing. Therefore, for construction activities, PPV-based thresholds, such as those recommended by Caltrans, are more appropriate for assessing potential human annoyance and structural impact (11).

While not universally accepted, vibration decibel notation (VdB) is another RMS-based vibration notation developed and used by the FTA in their guidance manual to describe vibration levels and provide a background of common vibration levels and set vibration limits (8). Decibel notation (VdB) serves to reduce the range of numbers used to describe vibration levels and is used in this report to describe vibration levels.

As stated in the FTA guidance manual, the background vibration-velocity level in residential areas is generally 50 VdB. Ground-borne vibration is normally perceptible to humans at approximately 65 VdB. For most people, a vibration-velocity level of 75 VdB is the approximate dividing line between barely perceptible and distinctly perceptible levels. Typical outdoor sources of perceptible ground-borne vibration are construction equipment, steel-wheeled trains, and traffic on rough roads. If a roadway is smooth, the ground-borne vibration is rarely perceptible. The range of interest is from approximately 50 VdB, which is the typical background vibration-velocity level, to 100 VdB, which is the general threshold where minor damage can occur in fragile buildings. Exhibit 2-C illustrates common vibration sources and the human and structural response to ground-borne vibration.

EXHIBIT 2-3: TYPICAL LEVELS OF GROUND-BORNE VIBRATION



** RMS Vibration Velocity Level in VdB relative to 10^{-6} inches/second*

Source: Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual.

3 REGULATORY SETTING

To limit population exposure to physically and/or psychologically damaging as well as intrusive noise levels, the federal government, the State of California, various county governments, and most municipalities in the state have established standards and ordinances to control noise. In most areas, automobile and truck traffic is the major source of environmental noise. Traffic activity generally produces an average sound level that remains constant with time. Air and rail traffic, and commercial and industrial activities are also major sources of noise in some areas. Federal, state, and local agencies regulate different aspects of environmental noise. Federal and state agencies generally set noise standards for mobile sources such as aircraft and motor vehicles, while regulation of stationary sources is left to local agencies.

3.1 STATE OF CALIFORNIA NOISE REQUIREMENTS

The State of California regulates freeway noise, sets standards for sound transmission, provides occupational noise control criteria, identifies noise standards, and provides guidance for local land use compatibility. State law requires that each county and city adopt a General Plan that includes a Noise Element which is to be prepared per guidelines adopted by the Governor's Office of Planning and Research. (13) The purpose of the Noise Element is to *limit the exposure of the community to excessive noise levels*. In addition, the California Environmental Quality Act (CEQA) requires that all known environmental effects of a project be analyzed, including environmental noise impacts.

3.2 CITY OF ADELANTO GENERAL PLAN NOISE ELEMENT

The City of Adelanto has adopted General Plan Noise Element with the purpose of providing *information for programs to control and abate environmental noise and to protect the citizens of Adelanto from excessive exposure to noise.* (14) To achieve its purpose, the Noise Element identifies goals, policies, and implementation strategies related to noise. However, for the purpose of this analysis, a City's Municipal Code typically identifies the noise level standards necessary to evaluate potential impacts due to stationary noise sources at nearby noise-sensitive receiver locations in a Project study area.

3.2.1 Adelanto North 2035 Plan

The Project is also part of the Adelanto North 2035 Plan, which aims to promote sustainable development through the Adelanto North 2035 Comprehensive Sustainable Plan. In addition, the Adelanto North 2035 Comprehensive Sustainable Plan has adopted a Public Health and Safety Element which identifies noise polices designed to protect, create, and maintain an environment free from noise that may jeopardize the health or welfare of sensitive receivers, or degrade the quality of life. To protect Adelanto residents from unacceptable noise levels, the Adelanto North 2035 Comprehensive Plan contains the following Policies:

Policy HS 8.1 Continue to enforce City and State noise regulations to protect residents from excessive noise levels.

Policy HS 8.2 Require noise-sensitive land use development to incorporate measures to reduce interior and exterior noise levels.

Policy HS 8.3 Require mixed-use structures to be designed to account for noise from adjacent uses, and minimize transfer of noise and vibration from commercial/retail to residential use.

Policy HS 8.4 Use site planning and project design strategies to achieve acceptable noise level standards as outlined in the noise/land use compatibility guidelines. The use of noise barriers shall be considered after all practical design-related noise measures have been integrated into project design.

Policy HS 8.5 Require a detailed analysis of proposed noise reduction measures to determine whether the proposed use is compatible when a project is to be located in an area that exceeds normally acceptable noise thresholds.

Policy HS 8.6 Minimize noise impacts on noise-sensitive land uses ("sensitive receptors"), such as residential uses, schools, hospitals, child care facilities, wildlife habitat areas, and other noise sensitive areas.

Policy HS 8.7 Restrict noise levels from stationary sources through enforcement of the Noise Ordinance.

Policy HS 8.8 Continue to consider noise impacts as part of the development review process.

3.3 Operational Noise Standards

To analyze noise impacts originating from a designated fixed location or private property such as the Adelanto Industrial Park, operational noise that may include parking lot activity, cold storage loading dock activity, warehouse loading dock activity, truck/trailer parking activity, truck movements, trash enclosure activity, and roof-top air conditioning units are typically evaluated against standards established under a City's Municipal Code. The City of Adelanto Municipal Code, Section 17.90.020[b][1] indicates that the General Plan Noise Element, Table VIII-2 Land Use Compatibility Guidelines Related to Noise Exposure *shall apply* to land uses city-wide and shall be used to define acceptable and unacceptable noise levels. The lowest exterior noise level criteria identified for the noise-sensitive residential and public use (e.g., school) in the Project study area in Table VIII-2 of the General Plan Noise Element is 65 dBA L_{eq}. (14) The City of Adelanto Municipal Code noise standards are included in Appendix 3.1.

3.4 Construction Noise Standards

To control noise impacts associated with the construction of the proposed Project, the City has established limits to the hours of operation and construction practices in the City of Adelanto Municipal Code, Section 17.90.020[d]. The Municipal Code indicates that construction, shall be limited to the hours of 7:00 a.m. to dusk on weekdays; with no activity allowed on weekends or holidays without prior consent from the Building Official. (15) In addition, the Municipal Code requires the following construction practices be listed as *general notes* on Project construction drawings:

(1) *Construction activity and equipment maintenance is limited to the hours between 7:00 a.m. to dusk on weekdays. Construction may not occur on weekends or State holidays, without prior consent of the Building Official. Non-noise generating activities (e.g. interior painting) are not subject to these*

restrictions. City and State construction projects, such as road re-building or resurfacing, and any construction activity that is in response to an emergency, shall be exempt from this requirement.

(2) Stationary construction equipment that generates noise in excess of sixty-five (65) dBA at the project boundaries must be acoustically shielded and located at least one hundred feet (100') from occupied residences. The equipment area with appropriate acoustic shielding shall be designated on building and grading plans. Equipment and shielding shall remain in the designated location throughout construction activities.

(3) Construction routes are limited to City of Adelanto designated truck routes.

(4) Water trucks or sprinkler systems shall be used during clearing, grading, earth moving, excavation, or transportation of cut or fill materials to prevent dust from leaving the site and to create a crust after each day's activities cease. At a minimum, this would include wetting down such areas in the later morning and after work is completed for the day and whenever wind exceeds fifteen (15) miles per hour.

(5) A person or persons shall be designated to monitor the dust control program and to order increased watering as necessary to prevent transport of dust off-site. The name and telephone number of such person(s) shall be provided to the City.

(6) All grading equipment shall be kept in good working order per factory specifications.

To evaluate the Project construction noise activities Section 17.90.020[d][2] requires that construction equipment shall not generate noise exceeding 65 dBA L_{eq}. Therefore, for the construction equipment noise analysis presented in this report, the threshold of 65 dBA L_{eq} is used to assess the potential noise impacts due to Project construction at nearby sensitive receiver locations.

3.5 CONSTRUCTION VIBRATION STANDARDS

Construction activity can result in varying degrees of ground-borne vibration, depending on the equipment and methods used, distance to the affected structures, and soil type. Construction vibration is generally associated with pile driving and rock blasting. Other construction equipment, such as air compressors, light trucks, hydraulic loaders, etc., generates little or no ground vibration (8). To analyze vibration impacts originating from the operation and construction of the Adelanto Industrial Park project, vibration-generating activities are appropriately evaluated against standards established under a City's Municipal Code, if such standards exist.

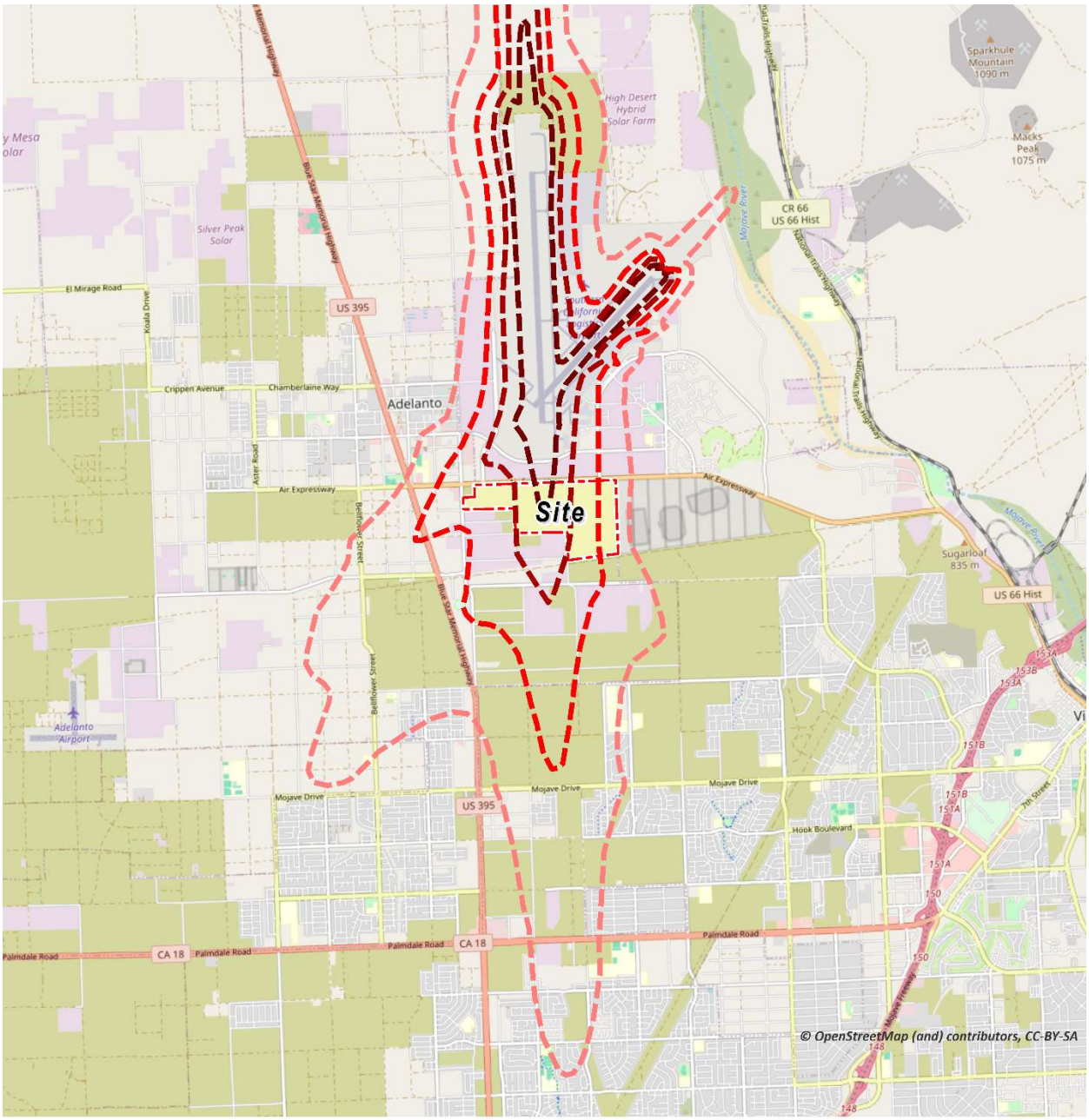
The City of Adelanto Municipal Code, Section 17.90.030 *Vibration* (Appendix 3.1), identifies a vibration level standard of 0.2 in/sec PPV. (15) Therefore, for the construction equipment vibration analysis presented in this report, the threshold of 0.2 in/sec PPV is used to assess the potential vibration impacts due to the Project construction at nearby sensitive receiver locations.

3.6 SOUTHERN CALIFORNIA LOGISTICS AIRPORT LAND USE COMPATIBILITY

The closest airport to the Project site is the Southern California Logistics Airport (SCLA), located approximately 0.5 miles north of the Project site, and has the potential to expose the Project site to aircraft-related exterior noise levels. Therefore, the *Southern California Logistics Airport Comprehensive Land Use Plan* future noise level contour boundaries are used in this noise study to determine the land use compatibility of the Project. (16) Exhibit 3-1 of this report shows the future SCLA noise level contour boundaries in relation to the Project site, and indicates that the Project site falls within the 75 dBA CNEL contour boundaries. Based on the compatibility review areas shown in

Exhibit 3B of the *SCLA Comprehensive Land Use Plan*, the Project is within *Compatibility Review Area 2* (16) Based on the criteria outlined on page 3-3 of the *SCLA Comprehensive Land Use Plan*, warehouse operations within Compatibility Area 2 are considered *normally acceptable*, and *the average intensity should not exceed 100 people per gross acre*, Therefore, the Project's development is considered compatible use per the *SCLA Comprehensive Land Use Plan*, and no further analysis is required.

EXHIBIT 3-1: SCLA FUTURE AIRPORT NOISE CONTOURS



4 SIGNIFICANCE CRITERIA

The following significance criteria are based on currently adopted guidance provided by Appendix G of the State CEQA Guidelines. (17) For the purposes of this report, impacts would be potentially significant if the Project results in or causes:

A. Generation of 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?

B. Generation of excessive ground-borne vibration or ground-borne noise levels?

C. 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?

4.1 NOISE LEVEL INCREASES (THRESHOLD A)

Noise level increases resulting from the Project are evaluated based on the Appendix G CEQA Guidelines described above at the closest sensitive receiver locations. Under CEQA, consideration must be given to the magnitude of the increase, the existing baseline ambient noise levels, and the location of noise-sensitive receivers to determine if a noise increase represents a significant adverse environmental impact. This approach recognizes *that there is no single noise increase that renders a noise impact significant.* (18) This is primarily because of the wide variation in individual thresholds of annoyance and differing individual experiences with noise. Thus, an important way of determining a person's subjective reaction to a new noise is the comparison of it to the existing environment to which one has adapted—the so-called *ambient* environment. In general, the more a new noise level exceeds the previously existing ambient noise level, the less acceptable the new noise level will typically be judged.

4.1.1 Noise-Sensitive Receivers

The Federal Interagency Committee on Noise (FICON) (19) developed guidance to be used for the assessment of project-generated increases in noise levels that consider the ambient noise level. The FICON recommendations are based on studies that relate aircraft noise levels to the percentage of persons highly annoyed by aircraft noise. Although the FICON recommendations were specifically developed to assess aircraft noise impacts, these recommendations are often used in environmental noise impact assessments involving the use of cumulative noise exposure metrics, such as the average-daily noise level (CNEL) and equivalent continuous noise level (L_{eq}).

As previously stated, the approach used in this noise study recognizes *that there is no single noise increase that renders a noise impact significant*, based on a 2008 California Court of Appeal ruling on Gray v. County of Madera. (18) For example, if the ambient noise environment is quiet (<60 dBA) and the new noise source greatly increases the noise levels, an impact may occur if the noise criteria may be exceeded. Therefore, for this analysis, a *readily perceptible* 5 dBA or greater project-related

noise level increase is considered a significant impact when the without project noise levels are below 60 dBA. Per the FICON, in areas where the without project noise levels range from 60 to 65 dBA, a 3 dBA *barely perceptible* noise level increase appears to be appropriate for most people. When the without project noise levels already exceed 65 dBA, any increase in community noise louder than 1.5 dBA or greater is considered a significant impact if the noise criteria for a given land use is exceeded, since it likely contributes to an existing noise exposure exceedance. The FICON guidance provides an established source of criteria to assess the impacts of substantial temporary or permanent increase in baseline ambient noise levels. Based on the FICON criteria, the amount to which a given noise level increase is considered acceptable is reduced when the without Project (baseline) noise levels are already shown to exceed certain land-use specific exterior noise level criteria. The specific levels are based on typical responses to noise level increases of 5 dBA or *readily perceptible*, 3 dBA or *barely perceptible*, and 1.5 dBA depending on the underlying without Project noise levels for noise-sensitive uses. These levels of increases and their perceived acceptance at noise sensitive receiver locations are consistent with guidance provided by both the Federal Highway Administration (4 p. 9) and Caltrans (20 p. 2_48).

4.1.2 Construction Noise (Substantial Temporary Noise Level Increase)

To control the noise-generating construction activities, the temporary noise level increases over the existing ambient conditions must be considered under CEQA Significance Threshold A. Although noise ordinances vary across jurisdictions, many cities and counties in California, including Los Angeles, San Diego, and San Francisco, set construction noise limits between 75 and 80 dBA L_{eq} and typically restrict construction activities to the daytime hours. In contrast, everyday noise regulations are more stringent because they apply to continuous, long-term noise sources that can significantly impact the quality of life. As a result, many jurisdictions establish daytime residential noise limits around 55 dBA L_{eq}. This suggests that a reasonable 20 dBA increase over the daytime noise limit can be tolerated without significant adverse effects. This is also illustrated in the adoption of many CEQA documents statewide that use an 80 dBA L_{eq} limit for assessing construction impacts while using everyday noise level limits of local noise ordinances in assessing on-site operational impacts.

Therefore, if the Project-related construction noise levels generate a temporary noise level increase over the existing daytime ambient noise levels more than 20 dBA L_{eq} then the Project construction noise increases will be considered a *significant* impact.

4.2 VIBRATION (THRESHOLD B)

As described in Section 3.4, the vibration impacts originating from the construction of Adelanto Industrial Park, vibration-generating activities are appropriately evaluated using the Caltrans vibration damage thresholds to assess potential temporary construction-related impacts at adjacent building locations. The nearest noise sensitive buildings adjacent to the Project site can best be described as "older residential structures" with a maximum acceptable continuous vibration threshold of 0.3 PPV (in/sec).

4.3 CEQA Guidelines Not Further Analyzed (Threshold C)

The nearest airport, which would require additional noise analysis under CEQA Guidelines Appendix G, Guideline C, is the Southern California Logistics Airport. As previously described in Section 3.6, the Project is located in Compatibility Area 2 of the *SCLA Comprehensive Land Use Plan* and is considered *normally acceptable* with the condition that *the average intensity should not exceed 100 people per gross acre.* Therefore, based on the *SCLA Comprehensive Land Use Plan* compatibility criteria, the potential impacts under CEQA Guidelines Appendix G, Guideline C, are *less than significant* and are not further analyzed in this noise study.

4.4 Significance Criteria Summary

Noise impacts shall be considered significant if any of the following occur as a direct result of the proposed development. Table 4-1 shows the significance criteria summary matrix that includes the allowable criteria used to identify potentially significant incremental noise level increases.

Table 4-1: Significance Criteria Summary

Analysis	Receiving Land Use	Condition(s)	Significance Criteria	
			Daytime	Nighttime
Off-Site Traffic	Noise-Sensitive	If ambient is < 60 dBA CNEL[1]	≥ 5 dBA CNEL Project increase	
		If ambient is 60 - 65 dBA CNEL[1]	≥ 3 dBA CNEL Project increase	
		If ambient is > 65 dBA CNEL[1]	≥ 1.5 dBA CNEL Project increase	
Operational	Noise-Sensitive	Residential Exterior Noise Level[2]	65 dBA Leq	65 dBA Leq
		If ambient is < 60 dBA Leq[1]	≥ 5 dBA Leq Project increase	
		If ambient is 60 - 65 dBA Leq[1]	≥ 3 dBA Leq Project increase	
		If ambient is > 65 dBA Leq[1]	≥ 1.5 dBA Leq Project increase	
Construction	Noise-Sensitive	Noise Level Threshold[3]	65 dBA L_{eq}	n/a
		Exterior Noise Level Increase[4]	20 dBA L_{eq}	
		Vibration Level Threshold[5]	0.2 PPV (in/sec)	

[1] FICON, 1992.
[2] City of Adelanto Municipal Code Section 17.90.020[b][1] (Appendix 3.1)
[3] City of Adelanto Municipal Code Section 17.90.020[d][2] (Appendix 3.1)
[4] Temporary construction noise increases that can be tolerated without significant adverse effects.
[5] City of Adelanto Municipal Code Section 17.90.030 (Appendix 3.1)
"Daytime" = 7:00 a.m. to 10:00 p.m.; "Nighttime" = 10:00 p.m. to 7:00 a.m.

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5 EXISTING NOISE LEVEL MEASUREMENTS

To assess the existing noise level environment, 24-hour noise level measurements were taken at four locations in the Project study area. The receiver locations were selected to describe and document the existing noise environment within the Project study area. Exhibit 5-1 provides the boundaries of the Project study area and the noise level measurement locations. To fully describe the existing noise conditions, long-term noise level measurements were collected by Urban Crossroads, Inc. on Tuesday, August 27, 2025. Appendix 5.1 includes study area photos.

5.1 MEASUREMENT PROCEDURE AND CRITERIA

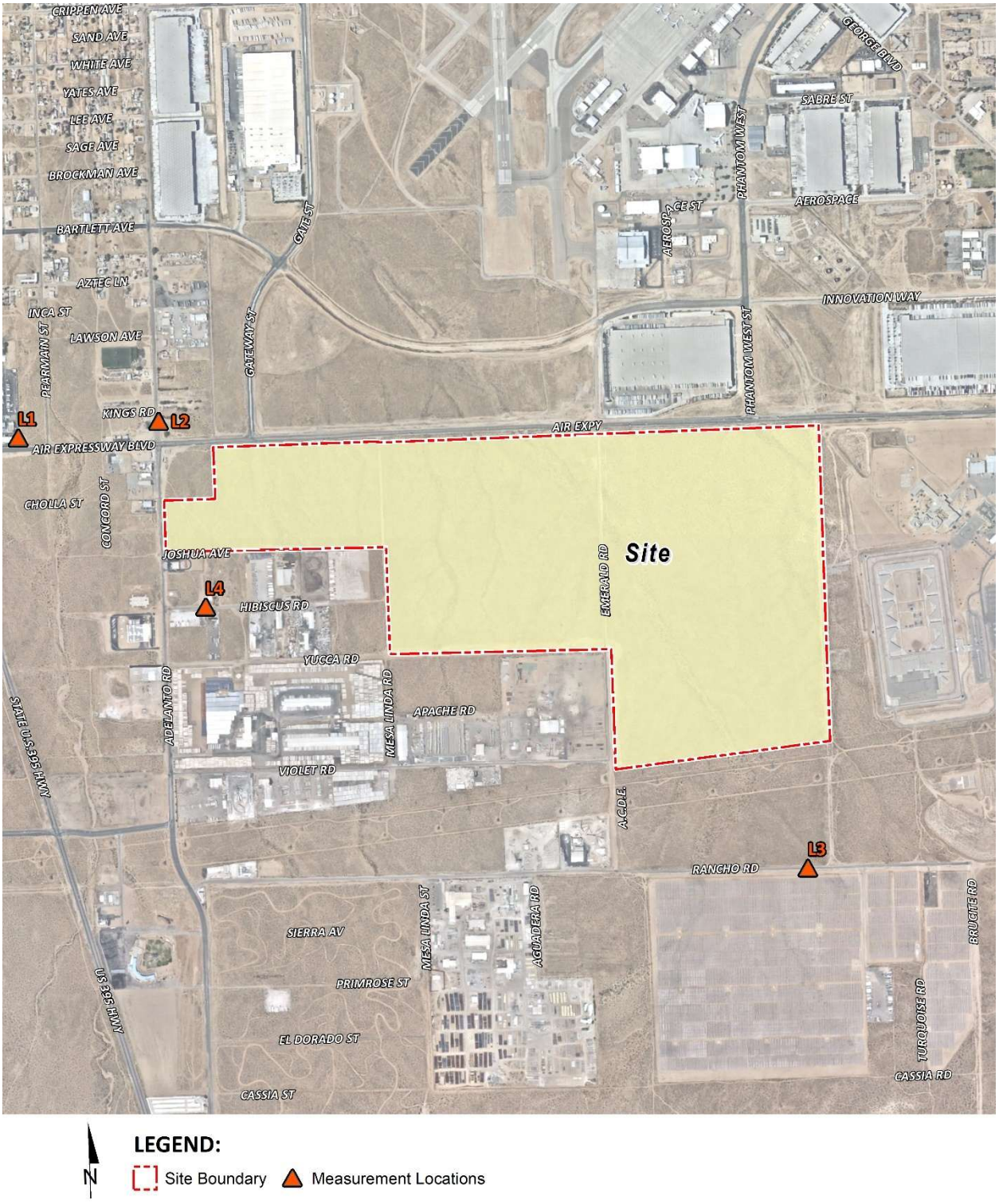
To describe the existing noise environment, the hourly noise levels were measured during typical weekday conditions over a 24-hour period. By collecting individual hourly noise level measurements, it is possible to describe the equivalent daytime and nighttime hourly noise levels. The long-term noise readings were recorded using Piccolo Type 2 integrating sound level meter and dataloggers. The Piccolo sound level meters were calibrated using a Larson-Davis calibrator, Model CAL 150. All noise meters were programmed in "slow" mode to record noise levels in "A" weighted form. The sound level meters and microphones were equipped with a windscreen during all measurements. All noise level measurement equipment satisfies the American National Standards Institute (ANSI) standard specifications for sound level meters ANSI S1.4-2014/IEC 61672-1:2013. (21)

5.2 NOISE MEASUREMENT LOCATIONS

The long-term noise level measurements were positioned as close to the nearest sensitive receiver locations as possible to assess the existing equivalent hourly noise levels surrounding the Project site. Both Caltrans and the FTA recognize that it is not reasonable to collect noise level measurements that can fully represent every part of a private yard, patio, deck, or balcony normally used for human activity when estimating impacts for new development projects. This is demonstrated in the Caltrans general site location guidelines, which indicate that sites must be free of noise contamination by sources other than sources of interest. Avoid sites located near sources such as barking dogs, lawnmowers, pool pumps, and air conditioners unless it is the express intent of the analyst to measure these sources. (2) Further, FTA guidance states that it is not necessary nor recommended that existing noise exposure be determined by measuring at every noise-sensitive location in the project area. Rather, the recommended approach is to characterize the noise environment for clusters of sites based on measurements or estimates at representative locations in the community. (8)

Based on recommendations of Caltrans and the FTA, it is not necessary to collect measurements at each individual building or residence, because each receiver measurement represents a group of buildings that share acoustical equivalence. (8) In other words, the area represented by the receiver shares similar shielding, terrain, and geometric relationship to the reference noise source. Receivers represent a location of noise-sensitive areas and are used to estimate the future noise level impacts.

EXHIBIT 5-1: NOISE MEASUREMENT LOCATIONS



Collecting noise level measurements at the nearby sensitive receiver locations allows for a comparison of the before and after Project noise levels and is necessary to assess potential noise increase due to the Project's contribution to the ambient noise levels. This approach is necessary to calculate the temporary or permanent increase in ambient noise levels as required by the CEQA Guidelines Environmental Checklist.

5.3 Noise Measurement Results

The noise measurements presented below focus on the equivalent or the hourly energy average sound levels (L_{eq}) to describe the existing ambient conditions. Table 5-1 provides the (energy average) noise levels used to describe the hourly daytime (7:00 a.m. to 10:00 p.m.) and nighttime (10:00 p.m. to 7:00 a.m.) noise levels at each noise level measurement location. The equivalent sound level (L_{eq}) represents a steady state sound level containing the same total energy as a time varying signal over a given sample period. The daytime and nighttime equivalent noise levels represent the average of all hourly noise levels observed during these time periods expressed as a single number.

Table 5-1: Ambient Noise Level Measurements

Location[1]	Description	Energy Average Noise Level (dBA L_{eq})[2]	
		Daytime	Nighttime
L1	Located northwest of the site near the school at 17927 Jonathan St.	58.7	49.0
L2	Located northwest of the site near the residence at 17767 Adelanto Rd.	62.8	54.6
L3	Located east of the site near the correctional facility at 13777 Air Expy	52.8	43.5
L4	Located west of the site near the residence at 12191 Hibiscus Rd.	54.5	46.6

[1] See Exhibit 5-1 for the noise level measurement locations.
[2] Energy (logarithmic) average levels. The long-term 24-hour measurement worksheets are included in Appendix 5.2.
"Daytime" = 7:00 a.m. to 10:00 p.m.; "Nighttime" = 10:00 p.m. to 7:00 a.m.

Table 5-1 provides the equivalent noise levels used to describe the daytime and nighttime ambient conditions for each of the measurements. Appendix 5.2 provides summary worksheets of the noise levels for each hour as well as the minimum, maximum, L1, L2, L5, L8, L25, L50, L90, L95, and L99 percentile noise levels observed during the daytime and nighttime periods.

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6 TRAFFIC NOISE METHODS AND PROCEDURES

The following section outlines the methods and procedures used to estimate and analyze the future traffic noise environment. All transportation-related noise levels for the outdoor activity areas are presented in terms of the 24-hour CNELs. The Future Year 2046 and Existing volumes presented are passenger car equivalents (PCE). Unlike a simple arithmetic average noise level, CNEL represents the logarithmic summation of the equivalent hourly noise levels with evening and nighttime noise penalties, recognizing that noise may have different impacts on people depending on when it occurs.

6.1 FHWA TRAFFIC NOISE PREDICTION MODEL

The expected roadway noise level increases from vehicular traffic was calculated by Urban Crossroads, Inc. using a computer program that replicates the Federal Highway Administration (FHWA) Traffic Noise Prediction Model- FHWA-RD-77-108. (22) This methodology is commonly used to describe the off-site traffic noise levels throughout Southern California. The FHWA Model arrives at a predicted noise level through a series of adjustments to the Reference Energy Mean Emission Level (REMEL) by vehicle type. REMEL represents the maximum sound level (L_{max}) of individual vehicle "pass by" events by vehicle type when measured at a "reference distance" of 50 feet from the center of the travel lane. This is the same methodology and approach used for the City of Adelanto General Plan. (14) In California, the national REMELs are substituted with the California Vehicle Noise (Calveno) Emission Levels. (20) Adjustments are then made to the REMEL to account for: the roadway classification (e.g., collector, secondary, major or arterial), the roadway active width (i.e., the distance between the center of the outermost travel lanes on each side of the roadway), the total average daily traffic (ADT), the travel speed, the percentages of automobiles, medium trucks, and heavy trucks in the traffic volume, the roadway grade, the angle of view (e.g., whether the roadway view is blocked), the site conditions ("hard" or "soft" relates to the absorption of the ground, pavement, or landscaping), and the percentage of total ADT which flows each hour throughout a 24-hour period. Research conducted by Caltrans has shown that the use of soft site conditions is appropriate for the application of the FHWA traffic noise prediction model used in this analysis. (23)

6.2 OFF-SITE TRAFFIC NOISE PREDICTION MODEL INPUTS

Table 6-1 presents the roadway parameters used to assess the Project's off-site dBA CNEL transportation noise impacts. Table 6-1 identifies the 6 off-site study area roadway segments, the distance from the centerline to adjacent land use based on the functional roadway classifications per the City of Adelanto General Plan Circulation Map, and the vehicle speeds. The ADT volumes used in this study area, presented in Table 6-2, are based on the Focused Traffic Study, Proposed Adelanto Industrial Park A.P.N 0459-451-60 to 62, 0459-451-51 to 59, 0459-841-01 to 15 Revised Draft Report prepared by David Evans and Associates, Inc. for the following traffic scenarios. The volumes used for the Existing and Future Year condition are in terms of PCE. (24) :

- Existing without Project (E)
- Existing with Project (EP)
- Future Year (FY) 2046 without Project

- Future Year (FYP) 2046 with Project

The ADT volumes vary for each roadway segment based on the existing traffic volumes and the combination of project traffic distributions. This analysis relies on a comparative evaluation of the off-site traffic noise impacts at the boundary of the right-of-way of the receiving adjacent land use, without and with project ADT traffic volumes from the Project traffic analysis. Consistent with the Adelanto Industrial Park Traffic Analysis, the Project is anticipated to generate a net total of 12,746 two-way trips per day (actual vehicles) that includes 3,285 truck trips.

TABLE 6-1: OFF-SITE ROADWAY PARAMETERS

ID	Roadway	Segment	Receiving Land Use[1]	Classification[2]	Distance from Centerline to Receiving Land Use (Feet)[3]	Vehicle Speed (mph)
1	Air Expressway	w/o Adelanto Rd.	Non-Sensitive	Major	64'	60
2	Air Expressway	e/o Adelanto Rd.	Non-Sensitive	Major	64'	60
3	Air Expressway	e/o Gateway Dr.	Non-Sensitive	Major	64'	60
4	Air Expressway	e/o Emerald Rd.	Non-Sensitive	Major	64'	60
5	Air Expressway	e/o Phantom West	Non-Sensitive	Major	64'	60
6	Adelanto Rd.	n/o Air Expressway	Sensitive	Major	64'	40
7	Adelanto Rd.	s/o Air Expressway	Non-Sensitive	Major	64'	40

[1] Based on a review of existing aerial imagery.
[2] City of Adelanto General Plan, Circulation Map
[3] Distance to receiving land use is based upon the right-of-way distances.

TABLE 6-2: AVERAGE DAILY TRAFFIC VOLUMES

ID	Roadway	Segment	Average Daily Traffic Volumes[1]			
			Existing Without Project	Existing With Project	Future Year (2046) Without Project	Future Year With Project (2046) With Project
1	Air Expressway	w/o Adelanto Rd.	6,300	9,979	10,050	13,729
2	Air Expressway	e/o Adelanto Rd.	7,540	9,616	12,540	14,616
3	Air Expressway	e/o Gateway Dr.	7,900	9,339	12,550	13,988
4	Air Expressway	e/o Emerald Rd.	7,720	10,742	12,340	15,362
5	Air Expressway	e/o Phantom West	5,460	8,811	6,430	9,780
6	Adelanto Rd.	n/o Air Expressway	960	960	1,790	1,790
7	Adelanto Rd.	s/o Air Expressway	2,230	3,833	3,470	5,073

[1] Focused Traffic Study Proposed Adelanto Industrial Park A.P.N. 0459-451-60 to 62, 0459-451-51 to 59, 0459-841-01 to 15 Revised Draft Report.

To quantify the off-site noise levels, Project-related truck trips were added to the heavy truck category in the FHWA noise prediction model. The addition of the Project-related truck trips increases the percentage of heavy trucks in the vehicle mix. This approach recognizes that the FHWA noise prediction model is significantly influenced by the number of heavy trucks in the vehicle mix. The unadjusted daily Project truck trip-ends were assigned to the individual off-site study area roadway segments based on the Project truck trip distribution percentages documented in the traffic study. Table 6-3 provides the time of day (daytime, evening, and nighttime) vehicle splits and the traffic flow by vehicle type (vehicle mix) used for all without Project traffic scenarios. Tables 6-4 and 6-5 show the with Project vehicle mix. Due to the added Project truck trips, the increase in Project traffic volumes, and the distributions of trucks on the study area road segments, the percentage of autos, medium trucks, and heavy trucks will vary for each of the traffic scenarios. This explains why the existing and future traffic volumes and vehicle mixes vary between seemingly identical study area roadway segments.

TABLE 6-3: TIME OF DAY VEHICLE SPLITS

Time of Day	Vehicle Mix[1]			Time of Day Split[1]
	Autos[2]	Medium Trucks[3]	Heavy Trucks[4]	
Daytime	75.50%	1.56%	0.64%	77.70%
Evening	12.57%	0.09%	0.02%	12.68%
Nighttime	9.35%	0.19%	0.08%	9.62%
Daily	97.42%	1.84%	0.74%	100.00%

[1] Typical Southern California Mix
[2] All vehicles with two axles and four wheels designed primarily for transportation of nine or fewer passengers (automobiles) or transportation of cargo (light trucks).
[3] All vehicles with two axles and six wheels designed for transportation of cargo.
[4] All vehicles with three or more axles designed for the transportation of cargo.

TABLE 6-4: EXISTING WITH PROJECT VEHICLE MIX

ID	Roadway	Segment	With Project[1]			
			Autos	Medium Trucks	Heavy Trucks	Total[2]
1	Air Expressway	w/o Adelanto Rd.	85.06%	2.64%	12.30%	100.00%
2	Air Expressway	e/o Adelanto Rd.	90.97%	1.60%	7.43%	100.00%
3	Air Expressway	e/o Gateway Dr.	92.35%	1.36%	6.29%	100.00%
4	Air Expressway	e/o Emerald Rd.	91.87%	1.44%	6.69%	100.00%
5	Air Expressway	e/o Phantom West	87.08%	2.29%	10.64%	100.00%
6	Adelanto Rd.	n/o Air Expressway	97.19%	0.50%	2.30%	100.00%
7	Adelanto Rd.	s/o Air Expressway	81.23%	3.32%	15.45%	100.00%

[1] Total of vehicle mix percentage values rounded to the nearest one-hundredth.

TABLE 6-5: FYP (2046) WITH PROJECT VEHICLE MIX

ID	Roadway	Segment	With Project[1]			
			Autos	Medium Trucks	Heavy Trucks	Total[2]
1	Air Expressway	w/o Adelanto Rd.	88.37%	2.06%	9.57%	100.00%
2	Air Expressway	e/o Adelanto Rd.	93.10%	1.23%	5.68%	100.00%
3	Air Expressway	e/o Gateway Dr.	93.96%	1.07%	4.97%	100.00%
4	Air Expressway	e/o Emerald Rd.	93.47%	1.16%	5.37%	100.00%
5	Air Expressway	e/o Phantom West	88.08%	2.11%	9.81%	100.00%
6	Adelanto Rd.	n/o Air Expressway	97.19%	0.50%	2.30%	100.00%
7	Adelanto Rd.	s/o Air Expressway	85.13%	2.63%	12.24%	100.00%

[1] Total of vehicle mix percentage values rounded to the nearest one-hundredth.

7 OFF-SITE TRAFFIC NOISE ANALYSIS

To assess the off-site transportation CNEL noise level impacts associated with the development of the Project, noise contours were developed based on the Focused Traffic Study, Proposed Adelanto Industrial Park A.P.N 0459-451-60 to 62, 0459-451-51 to 59, 0459-841-01 to 15 Revised Draft Report prepared by David Evans and Associates, Inc. (24) Noise contour boundaries represent the equal levels of noise exposure and are measured in CNEL from the center of the roadway.

7.1 TRAFFIC NOISE CONTOURS

Noise contours were used to assess the Project's incremental 24-hour dBA CNEL traffic-related noise impacts at land uses adjacent to roadways conveying Project traffic. The noise contours represent the distance to noise levels of a constant value and are measured from the center of the roadway for the 70, 65, and 60 dBA CNEL noise levels. The noise contours do not consider the effect of any existing noise barriers or topography that may attenuate ambient noise levels. In addition, because the noise contours reflect modeling of vehicular noise on area roadways, they appropriately do not reflect noise contributions from the surrounding stationary noise sources within the Project study area. Tables 7-1 through 7-6 present a summary of the exterior dBA CNEL traffic noise levels for each traffic condition. Appendix 7.1 includes a summary of the dBA CNEL traffic noise level contour worksheets for each of the traffic conditions.

7.2 EXISTING PROJECT TRAFFIC NOISE LEVEL INCREASES

An analysis of existing traffic noise levels plus traffic noise generated by the Project has been included in this report for informational purposes and to fully analyze all the existing traffic scenarios identified in the *Adelanto Industrial Park* Traffic Analysis prepared by Urban Crossroads, Inc. Table 7-1 shows the Existing without Project conditions CNEL noise levels. The Existing without-Project exterior noise levels range from 55.5 to 68.6 dBA CNEL without accounting for any noise attenuation features such as noise barriers or topography. Table 7-2 shows the Existing with Project conditions range from 55.5 to 73.8 dBA CNEL. Table 7-5 shows that the Project off-site traffic noise level increases range from less than 0.1 to 8.2 dBA CNEL on the study area roadway segments.

Based on the significance criteria for off-site traffic noise presented in Table 4-1, existing noise-sensitive uses on the following study area roadway segments are shown to experience *less than significant* off-site traffic noise level increases due to the Project traffic under Existing with Project conditions.

TABLE 7-1: EXISTING WITHOUT PROJECT CONTOURS

ID	Road	Segment	Receiving Land Use[1]	CNEL at Receiving Land Use (dBA)[2]	Distance to Contour from Centerline (Feet)		
					70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Air Expressway	w/o Adelanto Rd.	Non-Sensitive	67.6	45	96	207
2	Air Expressway	e/o Adelanto Rd.	Non-Sensitive	68.4	50	108	233
3	Air Expressway	e/o Gateway Dr.	Non-Sensitive	68.6	52	112	241
4	Air Expressway	e/o Emerald Rd.	Non-Sensitive	68.5	51	110	237
5	Air Expressway	e/o Phantom West	Non-Sensitive	67.0	41	87	188
6	Adelanto Rd.	n/o Air Expressway	Sensitive	55.5	RW	RW	32
7	Adelanto Rd.	s/o Air Expressway	Non-Sensitive	59.2	RW	RW	57

[1] Based on a review of existing aerial imagery.
[2] The CNEL is calculated at the boundary of the right-of-way of the receiving adjacent land use.
"RW" = Location of the respective noise contour falls within the right-of-way of the road.

TABLE 7-2: EXISTING WITH PROJECT CONTOURS

ID	Road	Segment	Receiving Land Use[1]	CNEL at Receiving Land Use (dBA)[2]	Distance to Contour from Centerline (Feet)		
					70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Air Expressway	w/o Adelanto Rd.	Non-Sensitive	73.8	115	247	533
2	Air Expressway	e/o Adelanto Rd.	Non-Sensitive	72.1	88	190	410
3	Air Expressway	e/o Gateway Dr.	Non-Sensitive	71.5	81	174	374
4	Air Expressway	e/o Emerald Rd.	Non-Sensitive	72.3	91	196	422
5	Air Expressway	e/o Phantom West	Non-Sensitive	72.8	98	212	456
6	Adelanto Rd.	n/o Air Expressway	Sensitive	55.5	RW	RW	32
7	Adelanto Rd.	s/o Air Expressway	Non-Sensitive	67.4	43	93	200

[1] Based on a review of existing aerial imagery.
[2] The CNEL is calculated at the boundary of the right-of-way of the receiving adjacent land use.
"RW" = Location of the respective noise contour falls within the right-of-way of the road.

7.3 FYP (2046) PROJECT TRAFFIC NOISE LEVEL INCREASES

Table 7-3 presents the FY (2046) without Project conditions CNEL noise levels. The FY (2046) without Project exterior noise levels range from 58.3 to 70.6 dBA CNEL, without accounting for any noise attenuation features such as noise barriers or topography. Table 7-4 shows the FYP (2046) with Project conditions ranging from 58.3 to 74.4 dBA CNEL. Table 7-6 shows that the Project off-site traffic noise level increases range from less than 0.1 to 6.7 dBA CNEL. Based on the significance criteria for off-site traffic noise presented in Table 4-1, existing noise-sensitive uses on the following study area roadway segment are shown to experience *less than significant* off-site traffic noise level increases due to the Project traffic under Future Year with Project conditions.

TABLE 7-3: FY (2046) WITHOUT PROJECT CONTOURS

ID	Road	Segment	Receiving Land Use[1]	CNEL at Receiving Land Use (dBA)[2]	Distance to Contour from Centerline (Feet)		
					70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Air Expressway	w/o Adelanto Rd.	Non-Sensitive	69.7	61	131	283
2	Air Expressway	e/o Adelanto Rd.	Non-Sensitive	70.6	71	152	327
3	Air Expressway	e/o Gateway Dr.	Non-Sensitive	70.6	71	152	328
4	Air Expressway	e/o Emerald Rd.	Non-Sensitive	70.6	70	150	324
5	Air Expressway	e/o Phantom West	Non-Sensitive	67.7	45	97	210
6	Adelanto Rd.	n/o Air Expressway	Sensitive	58.3	RW	RW	49
7	Adelanto Rd.	s/o Air Expressway	Non-Sensitive	61.1	RW	35	76

1 Based on a review of existing aerial imagery.
[2] The CNEL is calculated at the boundary of the right-of-way of the receiving adjacent land use.
"RW" = Location of the respective noise contour falls within the right-of-way of the road.

TABLE 7-4: FYP (2046) WITH PROJECT CONTOURS

ID	Road	Segment	Receiving Land Use[1]	CNEL at Receiving Land Use (dBA)[2]	Distance to Contour from Centerline (Feet)		
					70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Air Expressway	w/o Adelanto Rd.	Non-Sensitive	74.4	126	270	583
2	Air Expressway	e/o Adelanto Rd.	Non-Sensitive	73.2	104	225	484
3	Air Expressway	e/o Gateway Dr.	Non-Sensitive	72.7	96	207	447
4	Air Expressway	e/o Emerald Rd.	Non-Sensitive	73.3	106	227	490
5	Air Expressway	e/o Phantom West	Non-Sensitive	73.0	101	218	470
6	Adelanto Rd.	n/o Air Expressway	Sensitive	58.3	RW	RW	49
7	Adelanto Rd.	s/o Air Expressway	Non-Sensitive	67.8	46	98	211

1 Based on a review of existing aerial imagery.
[2] The CNEL is calculated at the boundary of the right-of-way of the receiving adjacent land use.
"RW" = Location of the respective noise contour falls within the right-of-way of the road.

TABLE 7-5: EXISTING WITH PROJECT TRAFFIC NOISE LEVEL INCREASES

ID	Road	Segment	Receiving Land Use[1]	CNEL at Receiving Land Use (dBA)[2]			Incremental Noise Level Increase Threshold[3]	
				No Project	With Project	Project Addition	Limit	Exceeded?
1	Air Expressway	w/o Adelanto Rd.	Non-Sensitive	67.6	73.8	6.2	n/a	No
2	Air Expressway	e/o Adelanto Rd.	Non-Sensitive	68.4	72.1	3.7	n/a	No
3	Air Expressway	e/o Gateway Dr.	Non-Sensitive	68.6	71.5	2.9	n/a	No
4	Air Expressway	e/o Emerald Rd.	Non-Sensitive	68.5	72.3	3.8	n/a	No
5	Air Expressway	e/o Phantom West	Non-Sensitive	67.0	72.8	5.8	n/a	No
6	Adelanto Rd.	n/o Air Expressway	Sensitive	55.5	55.5	0.0	5.0	No
7	Adelanto Rd.	s/o Air Expressway	Non-Sensitive	59.2	67.4	8.2	n/a	No

[1] Based on a review of existing aerial imagery. Noise sensitive uses limited to existing residential land uses.
[2] The CNEL is calculated at the boundary of the right-of-way of each roadway and the property line of the receiving land use.
[3] Does the Project create an incremental noise level increase exceeding the significance criteria (Table 4-1)?
Non-noise sensitive receivers do not have any applicable incremental noise level thresholds "n/a"

TABLE 7-6: EACP (2028) WITH PROJECT TRAFFIC NOISE LEVEL INCREASES

ID	Road	Segment	Receiving Land Use[1]	CNEL at Receiving Land Use (dBA)[2]			Incremental Noise Level Increase Threshold[3]	
				No Project	With Project	Project Addition	Limit	Exceeded?
1	Air Expressway	w/o Adelanto Rd.	Non-Sensitive	69.7	74.4	4.7	n/a	No
2	Air Expressway	e/o Adelanto Rd.	Non-Sensitive	70.6	73.2	2.6	n/a	No
3	Air Expressway	e/o Gateway Dr.	Non-Sensitive	70.6	72.7	2.1	n/a	No
4	Air Expressway	e/o Emerald Rd.	Non-Sensitive	70.6	73.3	2.7	n/a	No
5	Air Expressway	e/o Phantom West	Non-Sensitive	67.7	73.0	5.3	n/a	No
6	Adelanto Rd.	n/o Air Expressway	Sensitive	58.3	58.3	0.0	5.0	No
7	Adelanto Rd.	s/o Air Expressway	Non-Sensitive	61.1	67.8	6.7	n/a	No

[1] Based on a review of existing aerial imagery. Noise sensitive uses limited to existing residential land uses.
[2] The CNEL is calculated at the boundary of the right-of-way of each roadway and the property line of the receiving land use.
[3] Does the Project create an incremental noise level increase exceeding the significance criteria (Table 4-1)?
Non-noise sensitive receivers do not have any applicable incremental noise level thresholds "n/a"

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8 RECEIVER LOCATIONS

To assess the potential for long-term operational and short-term construction noise impacts, the following receiver locations, as shown on Exhibit 8-1, were identified as representative locations for analysis. The selection of receiver locations is based on FHWA guidelines and is consistent with additional guidance provided by Caltrans and the FTA, as previously described in Section 5.2. Sensitive receivers are generally defined as locations where people reside or where the presence of unwanted sound could otherwise adversely affect the use of the land. Noise-sensitive land uses are generally considered to include schools, hospitals, single-family dwellings, mobile home parks, churches, libraries, and recreation areas. Moderately noise-sensitive land uses typically include multi-family dwellings, hotels, motels, dormitories, out-patient clinics, cemeteries, golf courses, country clubs, athletic/tennis clubs, and equestrian clubs. Land uses that are considered relatively insensitive to noise include business, commercial, and professional developments. Land uses that are typically not affected by noise include: industrial, manufacturing, utilities, agriculture, undeveloped land, parking lots, warehousing, liquid and solid waste facilities, salvage yards, and transit terminals.

To describe the potential off-site Project noise levels, eight receiver locations in the vicinity of the Project site were identified. Other sensitive land uses in the Project study area that are located at greater distances than those identified in this noise study will experience lower noise levels than those presented in this report due to the additional attenuation from distance and the shielding of intervening structures. Distance is measured in a straight line from the Project boundary to each receiver location.

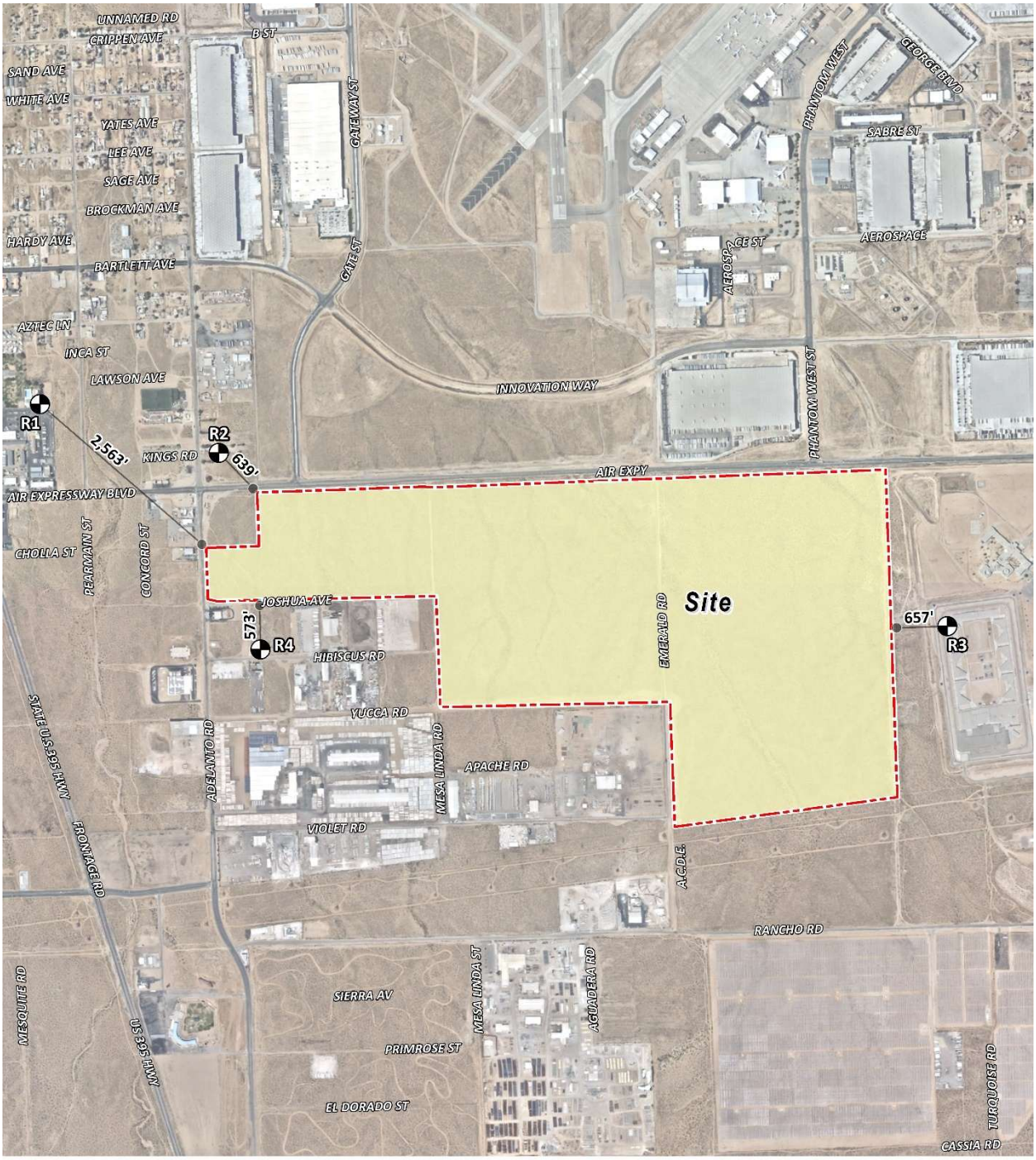
R1: Location R1 represents the existing Adelanto State Preschool at 1797 Jonathan Street near the Project site, approximately 2,563 feet northwest of the Project site. Receiver R1 is placed at the façade facing the Project site. A 24-hour noise measurement was taken near this location, L1, to describe the existing ambient noise environment.

R2: Location R2 represents the existing residence at 17767 Adelanto Road near the Project site, approximately 639 feet northwest of the Project site. Receiver R2 is placed at the façade facing the Project site. A 24-hour noise measurement was taken near this location, L2, to describe the existing ambient noise environment.

R3: Location R3 represents the existing Federal Correctional Institution at 13777 Air Expressway near the Project site, approximately 657 feet east of the Project site. Receiver R3 is placed at the façade facing the Project site. A 24-hour noise measurement was taken near this location, L3, to describe the existing ambient noise environment.

R4: Location R4 represents the existing residence at 12191 Hibiscus Rd near the Project site, approximately 731 feet south of the Project site. Receiver R4 is placed at the façade facing the Project site. A 24-hour noise measurement was taken near this location, L4, to describe the existing ambient noise environment.

EXHIBIT 8-1: RECEIVER LOCATIONS



9 OPERATIONAL NOISE ANALYSIS

This section analyzes the potential stationary-source operational noise impacts at the nearby receiver locations, identified in Section 8, resulting from the operation of the Adelanto Industrial Park Project. To conservatively describe the potential worst-case noise environment, Exhibit 9-1 presents the noise sources used to assess the operational noise levels.

9.1 OPERATIONAL NOISE SOURCES

This operational noise analysis is intended to describe noise level impacts associated with the expected typical daytime and nighttime activities at the Project site. To present the potential worst-case noise conditions, this analysis assumes the Project would be operational 24 hours per day, seven days per week. Consistent with similar warehouse and industrial uses, the Project business operations would primarily be conducted within the enclosed buildings, except for traffic movement, parking, and loading and unloading of trucks at designated loading bays. The on-site Project-related noise sources are expected to include: parking lot activity, cold storage loading dock activity, warehouse loading dock activity, truck/trailer parking activity, truck movements, trash enclosure activity, and roof-top air conditioning units.

9.2 REFERENCE NOISE LEVELS

To estimate the Project's operational noise impacts, reference noise level measurements were collected from similar types of activities to represent the noise levels expected with the development of the Project. This section provides a detailed description of the reference noise level measurements presented in Table 9-1, which are used to estimate the Project's operational noise impacts. It is important to note that the following projected noise levels assume the worst-case noise environment with all noise source activities shown in Exhibit 10-1 active simultaneously. However, these noise source activities will likely vary throughout the day.

9.2.1 Measurement Procedures

The reference noise level measurements presented in this section were collected using a Larson Davis LxT Type 1 precision sound level meter (serial number 01146). The LxT sound level meter was calibrated using a Larson-Davis calibrator, Model CAL 200, which was programmed in "slow" mode to record noise levels in "A" weighted form and was located at approximately five feet above the ground elevation for each measurement. The sound level meters and microphones were equipped with a windscreen during all measurements. All noise level measurement equipment satisfies the American National Standards Institute (ANSI) standard specifications for sound level meters, ANSI S1.4-2014/IEC 61672-1:2013. (21)

EXHIBIT 9-1: OPERATIONAL NOISE SOURCE LOCATIONS

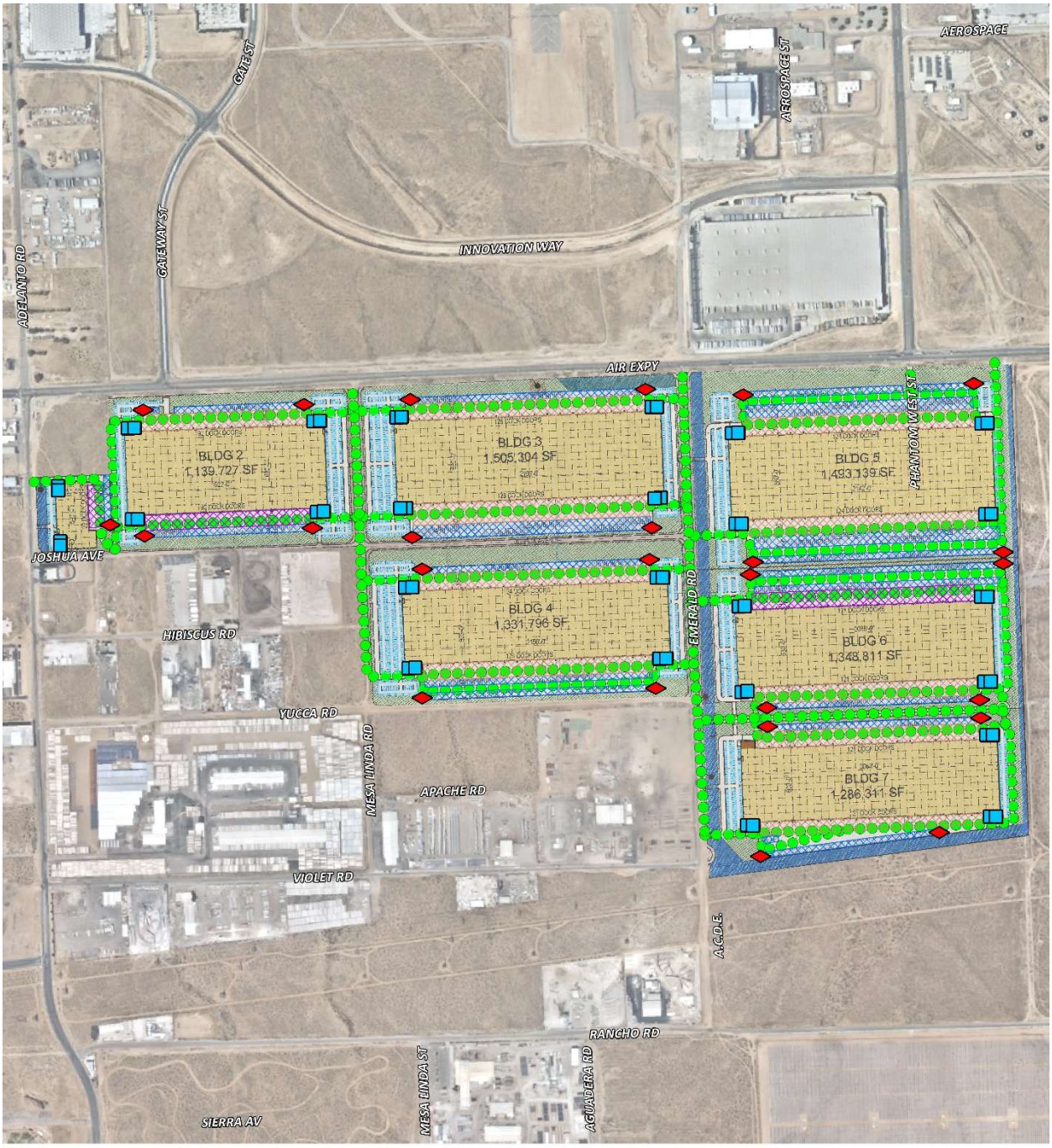


TABLE 9-1: REFERENCE NOISE LEVEL MEASUREMENTS

Reference Noise Source[1]	Noise Source Height (Feet)	Min./ Hour[2]		Reference Noise Level (dBA L_{eq}) @ 50 Feet	Sound Power Level (dBA)[3]
		Day	Night		
Parking Lot Vehicle Movements	5'	60	60	52.6	84.2
Cold Storage Loading Dock Activity	8'	60	60	79.9	111.5
Warehouse Loading Dock Activity	8'	60	60	71.8	103.4
Truck/Trailer Parking Activity	8'	60	60	62.8	94.4
Truck Movements	8'	60	60	61.6	93.2
Trash Enclosure Activity	8'	10	10	57.4	89.0
Roof-Top Air Conditioning Units	5'	39	28	57.3	88.9

[1] Reference noise level collected by Urban Crossroads, Inc.
[2] Anticipated duration (minutes within the hour) of noise activity during typical hourly conditions expected at the Project site. "Daytime" = 7:00 a.m. - 10:00 p.m.; "Nighttime" = 10:00 p.m. - 7:00 a.m.
[2] Sound power level represents the total amount of acoustical energy (noise level) produced by a sound source independent of distance or surroundings. Sound power levels calculated using the CadnaA noise model at the reference distance to the noise source. Numbers may vary due to size differences between point and area noise sources.

9.2.2 Parking Lot Activity

To describe the on-site parking lot activity, a long-term reference noise level measurement was collected in the center of activity within the staff parking lot of a warehouse distribution center. At 50 feet from the center of activity, the parking lot produced a reference noise level of 52.6 dBA L_{eq}. The parking lot noise levels are mainly due to cars pulling in and out of parking spaces in combination with car doors opening and closing.

9.2.3 Loading Dock Activity

The reference loading dock activities are intended to describe the typical outdoor operational noise activities associated with the Project. The Project is proposed to have up to 20 percent of the warehouse area as cold storage; the remainder is assumed to be used for dry goods. Cold storage loading dock activities include truck idling, reefer activity (refrigerator truck/cold storage), deliveries, backup alarms, trailer docking, including a combination of tractor-trailer semi-trucks, two-axle delivery trucks, and background operation activities. Since the noise levels generated by cold storage loading dock activity can be higher due to the use of refrigerated trucks or reefers, this reference noise level conservatively assumes that all loading dock activity is associated with cold storage facilities. The reference noise level measurement was taken in the center of the loading dock activity area and represents multiple concurrent noise sources resulting in a combined noise level of 79.9 dBA L_{eq} at a uniform distance of 50 feet. Similar to cold storage loading dock activities, dry goods warehouse loading dock activities include truck idling, deliveries, backup alarms, unloading/loading, and docking, including a combination of tractor-trailer semi-trucks, two-axle delivery trucks, and background forklift operations. The reference noise level measurement was taken in the center of the loading dock activity area and represents multiple concurrent noise sources resulting in a combined noise level of 71.8 dBA L_{eq} at a uniform distance of 50 feet. Specifically, the

reference noise level measurement represents one truck located approximately 30 feet from the noise level meter, with another truck passing by to park roughly 20 feet away, both with their engines idling. Additional background noise sources included truck pass-by noise, conversations between truck drivers next to docked trucks, and air brake release noise when trucks were parked.

9.2.4 Truck/Trailer Parking Activity

To evaluate the noise levels associated with truck idling, backup alarms, trailer movements, and storage activities, Urban Crossroads collected a reference noise level measurement at an existing parcel hub facility to describe the potential operational noise levels associated with Project operational activities. The measured reference noise level at 50 feet from the activity was measured at 62.8 dBA L_{eq}. The reference noise level measurement includes a semi-truck with trailer pass-by event, background switcher cab trailer towing, drop-off, idling, and backup alarm events. Noise associated with trailer storage activity is expected to operate for the entire hour (60 minutes).

9.2.5 Truck Movements

The truck movements represent multiple heavy trucks entering and exiting the outdoor loading dock area, producing a reference noise level of 61.6 dBA L_{eq} at 50 feet. The noise sources included at this measurement location account for trucks entering and exiting the Project driveways and maneuvering in and out of the outdoor loading dock activity area.

9.2.6 Trash Enclosure Activity

To describe the noise levels associated with a trash enclosure activity, Urban Crossroads collected a reference noise level measurement at an existing trash enclosure containing two dumpster bins. The trash enclosure noise levels describe metal gates opening and closing, metal scraping against the concrete floor sounds, dumpster movement on metal wheels, and trash dropping into the metal dumpster. The reference noise levels describe trash enclosure noise activities when trash is dropped into an empty metal dumpster, as would occur at the Project Site. The measured reference noise level at the uniform 50-foot reference distance is 57.4 dBA Leq for the trash enclosure activity. The reference noise level describes the expected noise source activities associated with the trash enclosures for the Project's proposed building.

9.2.7 Roof-Top Air Conditioning Units

The noise level measurements describe a single mechanical roof-top air conditioning unit. The reference noise level represents a Lennox SCA120 series 10-ton model packaged air conditioning unit. At the uniform reference distance of 50 feet, the reference noise level is 57.3 dBA Leq. Based on the typical operating conditions observed over a four-day measurement period, the roof-top air conditioning units are estimated to operate for and average 39 minutes per hour during the daytime hours, and 28 minutes per hour during the nighttime hours. These operating conditions reflect peak summer cooling requirements with measured temperatures approaching 96 degrees Fahrenheit (°F) with average daytime temperatures of 82°F. For this noise analysis, the air conditioning units are expected to be located on the roof of the Project buildings.

9.3 CadnaA Noise Prediction Model

To fully describe the exterior operational noise levels from the Project, Urban Crossroads, Inc. developed a noise prediction model using the CadnaA (Computer Aided Noise Abatement) computer program. CadnaA can analyze multiple types of noise sources using the spatially accurate Project site plan, georeferenced Nearmap aerial imagery, topography, buildings, and barriers in its calculations to predict outdoor noise levels. Using the ISO 9613-2 protocol, CadnaA will calculate the distance from each noise source to the noise receiver locations, using the ground absorption, distance, and barrier/building attenuation inputs to provide a summary of noise level at each receiver and the partial noise level contributions by noise source.

Consistent with the ISO 9613-2 protocol, the CadnaA noise prediction model relies on the reference sound power level (Lw) to describe individual noise sources. While sound pressure levels (e.g., Leq) quantify in decibels the intensity of given sound sources at a reference distance, sound power levels (Lw) are connected to the sound source and are independent of distance. Sound pressure levels vary substantially with distance from the source and diminish because of intervening obstacles and barriers, air absorption, wind, and other factors. Sound power is the acoustical energy emitted by the sound source and is an absolute value that is not affected by the environment. The operational noise level calculations provided in this noise study account for the distance attenuation provided due to geometric spreading when sound from a localized stationary source (i.e., a point source) propagates uniformly outward in a spherical pattern. A default ground attenuation factor of 0.75 was used in the noise analysis to account for mixed ground representing a combination of hard and soft surfaces. Appendix 9.1 includes the detailed noise dBA Leq model inputs used to estimate the Project operational noise levels presented in this section.

9.4 Project Operational Noise Levels

Using the reference noise levels to represent the Project operations that include parking lot activity, cold storage loading dock activity, warehouse loading dock activity, truck/trailer parking activity, truck movements, trash enclosure activity, and roof-top air conditioning units, Urban Crossroads, Inc. calculated the operational source noise levels that are expected to be generated at the Project site and the Project-related noise level increases that would be experienced at each of the sensitive receiver locations. Table 9-2 shows the Project operational noise levels during the daytime hours of 7:00 a.m. to 10:00 p.m. The daytime hourly noise levels at the off-site receiver locations are expected to range from 36.8 to 46.5 dBA L_{eq}.

TABLE 9-2: DAYTIME PROJECT OPERATIONAL NOISE LEVELS

Noise Source[1]	Operational Noise Levels by Receiver Location (dBA Leq)			
	R1	R2	R3	R4
Parking Lot Vehicle Movements	24.8	33.2	33.6	34.7
Loading Dock Activity	34.5	42.1	41.3	41.2
Truck Parking Activity	21.4	29.0	29.2	29.0
Truck Movements	31.3	38.9	44.2	42.3
Trash Enclosure Activity	9.1	14.0	11.9	15.5
Roof-Top Air Conditioning Units	23.4	29.8	30.9	31.9
Total (All Noise Sources)	36.8	44.4	46.5	45.5

[1] See Exhibit 9-1 for the noise source locations. CadnaA noise model calculations are included in Appendix 9.1.

Table 9-3 shows the Project operational noise levels during the nighttime hours of 10:00 p.m. to 7:00 a.m. The nighttime hourly noise levels at the existing off-site receiver locations are expected to range from 36.1 to 44.8 dBA L_{eq}. The differences between the daytime and nighttime noise levels are largely related to the estimated duration of noise activity as outlined in Table 9-1. Appendix 9.1 includes the detailed noise model inputs.

TABLE 9-3: NIGHTTIME PROJECT OPERATIONAL NOISE LEVELS

Noise Source[1]	Operational Noise Levels by Receiver Location (dBA Leq)			
	R1	R2	R3	R4
Parking Lot Vehicle Movements	24.8	33.2	33.6	34.7
Loading Dock Activity	34.5	42.1	41.3	41.2
Truck Parking Activity	21.4	29.0	29.2	29.0
Truck Movements	28.1	35.8	41.0	39.1
Trash Enclosure Activity	8.1	13.0	10.9	14.5
Roof-Top Air Conditioning Units	21.0	27.4	28.5	29.5
Total (All Noise Sources)	36.1	43.7	44.8	44.1

[1] See Exhibit 9-1 for the noise source locations. CadnaA noise model calculations are included in Appendix 9.1.

9.5 PROJECT OPERATIONAL NOISE LEVEL COMPLIANCE

To demonstrate compliance with local noise regulations, the unmitigated Project-only operational noise levels are evaluated against exterior noise level thresholds based on the exterior noise level standards at nearby receiver locations. Table 9-4 shows that the mitigated operational noise levels associated with the Project will not exceed the daytime and nighttime exterior noise level standards at the existing nearby noise-sensitive receiver locations. Therefore, the mitigated operational noise impacts are considered *less than significant* at the nearby noise-sensitive receiver locations.

TABLE 9-4: OPERATIONAL NOISE LEVEL COMPLIANCE

Receiver Location[1]	Project Operational Noise Levels (dBA Leq)[2]		Noise Level Standards (dBA Leq)[3]		Noise Level Standards Exceeded?[4]	
	Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime
R1	36.8	36.1	65.0	45.0	No	No
R2	44.4	43.7	65.0	45.0	No	No
R3	46.5	44.8	65.0	45.0	No	No
R4	45.5	44.1	65.0	45.0	No	No

[1] See Exhibit 8-1 for the receiver locations.
[2] Proposed Project unmitigated operational noise levels as shown in Tables 9-2 and 9-3.
[3] Exterior noise level standards, as shown in Table 4-1.
[4] Do the estimated Project operational noise source activities exceed the noise level standards?
"Daytime" = 7:00 a.m. - 10:00 p.m.; "Nighttime" = 10:00 p.m. - 7:00 a.m.

9.6 PROJECT OPERATIONAL NOISE LEVEL INCREASES

To describe the Project operational noise level increases, the Project operational noise levels are combined with the existing ambient noise levels measurements for the nearby receiver locations that may be potentially impacted by Project operational noise sources. Since the units used to measure noise, decibels (dB), are logarithmic units, the Project-operational and existing ambient noise levels cannot be combined using standard arithmetic equations. (2) Instead, they must be logarithmically added using the following base equation:

$$SPL_{Total} = 10\log_{10}[10^{SPL1/10} + 10^{SPL2/10} + \ldots 10^{SPLn/10}]$$

where "SPL1," "SPL2," etc. are equal to the sound pressure levels being combined, or in this case, the Project-operational and existing ambient noise levels. The difference between the combined Project and ambient noise levels describes the Project noise level increases in the existing ambient noise environment. Noise levels that would be experienced at receiver locations when Project-source noise is added to the daytime and nighttime ambient conditions are presented in Tables 9-5 and 9-6, respectively. As indicated in Table 9-5, the Project will generate daytime operational noise increases ranging from less than 0.1 to 0.9 dBA L_{eq} at the nearest receiver locations. Table 9-6 shows that the Project will generate nighttime operational noise level increases ranging from 0.2 to 3.7 dBA L_{eq} at the nearest receiver locations. Project-related operational noise level increases would not exceed the operational noise level increase significance criteria presented in Table 4-1. Therefore, Project-related operational noise level increases at the sensitive receiver locations will be *less than significant.*

TABLE 9-5: DAYTIME PROJECT OPERATIONAL NOISE LEVEL INCREASES

Receiver Location[1]	Total Project Operational Noise Level[2]	Measurement Location[3]	Reference Ambient Noise Levels[4]	Combined Project and Ambient[5]	Project Increase[6]	Increase Criteria[7]	Increase Criteria Exceeded?
R1	36.8	L1	58.7	58.7	0.0	5.0	No
R2	44.4	L2	62.8	62.9	0.1	5.0	No
R3	46.5	L3	52.8	53.7	0.9	5.0	No
R4	45.5	L4	54.5	55.0	0.5	5.0	No

[1] See Exhibit 8-1 for the receiver locations.
[2] Total Project daytime operational noise levels as shown in Table 9-2.
[3] Reference noise level measurement locations as shown on Exhibit 5-1.
[4] Observed daytime ambient noise levels as shown in Table 5-1.
[5] Represents the combined ambient conditions plus the Project activities.
[6] The noise level increase expected with the addition of the proposed Project activities.
[7] Significance increase criteria as shown in Table 4-1.

TABLE 9-6: NIGHTTIME OPERATIONAL NOISE LEVEL INCREASES

Receiver Location[1]	Total Project Operational Noise Level[2]	Measurement Location[3]	Reference Ambient Noise Levels[4]	Combined Project and Ambient[5]	Project Increase[6]	Increase Criteria[7]	Increase Criteria Exceeded?
R1	36.1	L1	49.0	49.2	0.2	5.0	No
R2	43.7	L2	54.6	54.9	0.3	5.0	No
R3	44.8	L3	43.5	47.2	3.7	5.0	No
R4	44.1	L4	46.6	48.6	2.0	5.0	No

[1] See Exhibit 8-1 for the receiver locations.
[2] Total Project nighttime operational noise levels as shown in Table 9-3.
[3] Reference noise level measurement locations as shown on Exhibit 5-1.
[4] Observed nighttime ambient noise levels as shown in Table 5-1.
[5] Represents the combined ambient conditions plus the Project activities.
[6] The noise level increase expected with the addition of the proposed Project activities.
[7] Significance increase criteria as shown in Table 4-1.

10 CONSTRUCTION IMPACTS

This section analyzes potential impacts resulting from the short-term construction activities associated with the development of the Project. Exhibit 9-1 shows the construction noise source activity in relation to the nearest sensitive receiver locations previously described in Section 7. In the City of Adelanto Municipal Code, Section 17.90.020[d]. The Municipal Code indicates that construction shall be limited to the hours of 7:00 a.m. to dusk on weekdays, with no activity allowed on weekends or holidays without prior consent from the Building Official. (15)

10.1 CONSTRUCTION NOISE LEVELS

The FTA *Transit Noise and Vibration Impact Assessment Manual* recognizes that construction projects are accomplished in several different stages and outlines the procedures for assessing noise impacts during construction. Each stage has a specific equipment mix, depending on the work to be completed during that stage. As a result of the equipment mix, each stage has its own noise characteristics; some stages have higher continuous noise levels than others, and some have higher impact noise levels than others. The Project construction activities are expected to occur in the following stages:

- Site Preparation
- Grading
- Building Construction
- Paving
- Architectural Coating

10.2 CONSTRUCTION REFERENCE NOISE LEVELS

To describe construction noise activities, this construction noise analysis was prepared using reference construction equipment noise levels from the Federal Highway Administration (FHWA), which published the Roadway Construction Noise Model (RCNM), which includes a national database of construction equipment reference noise emission levels. (25) The RCNM equipment database provides a comprehensive list of the noise-generating characteristics of specific types of construction equipment. In addition, the database provides an acoustical usage factor to estimate the fraction of time each piece of construction equipment is operating at full power (i.e., its loudest condition) during a construction operation. According to the EPA, FTA, and FHWA, the overall construction noise level is governed primarily by the noisiest pieces of equipment. The quieter pieces do not affect the overall level, but they do reduce the magnitude of the fluctuations in the noise level. Therefore, a rough estimate of the noise level needs only to include the noisiest pieces of equipment expected at the site. (26) (8) (27) Consistent with FHWA and FTA guidance for detailed construction noise assessment, Table 10-1 presents the combined noise levels for the loudest construction activities expected for each stage, assuming all equipment operates simultaneously.

EXHIBIT 10-1: CONSTRUCTION NOISE SOURCE LOCATIONS

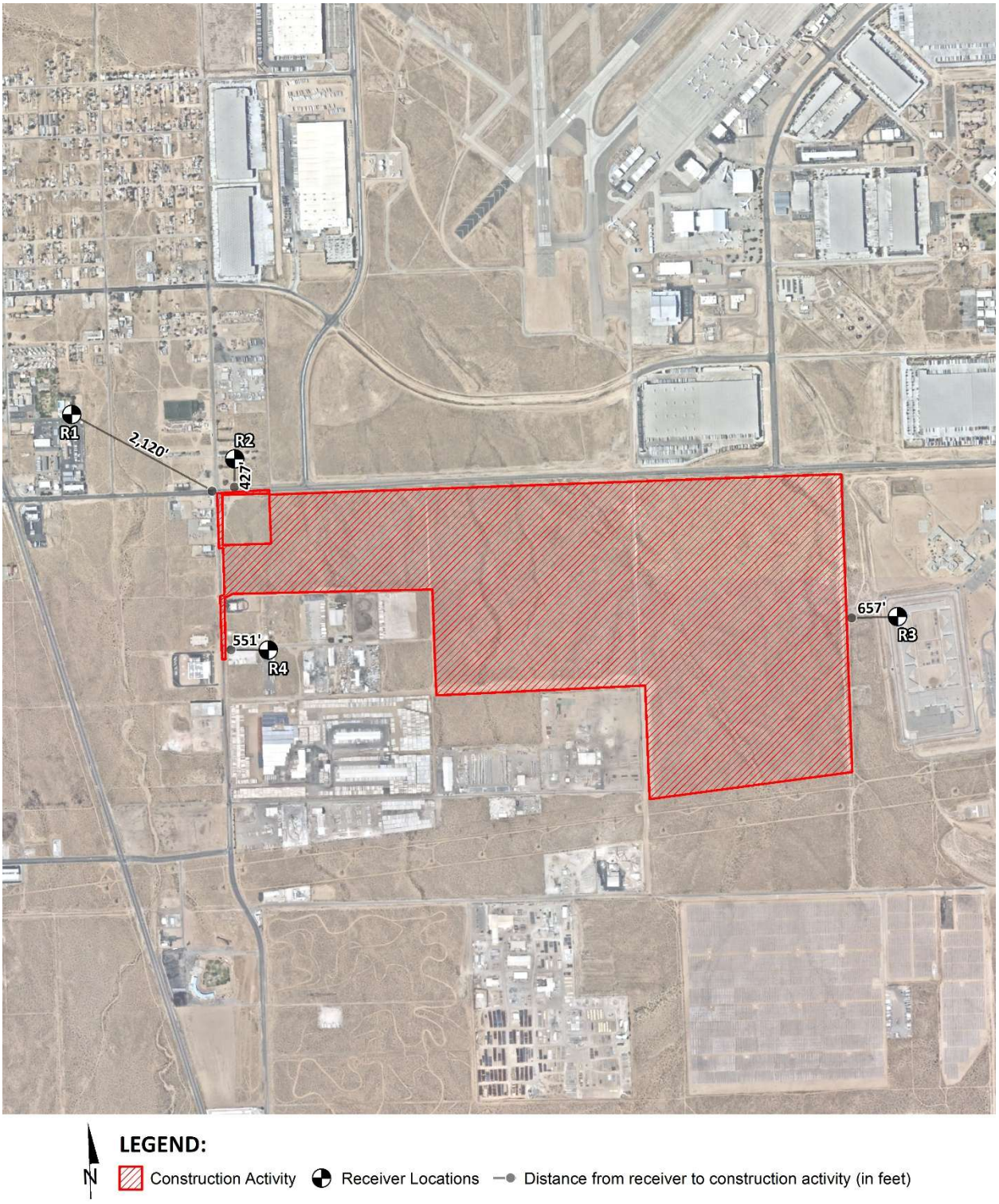


TABLE 10-1: CONSTRUCTION REFERENCE NOISE LEVELS

Construction Stage	Reference Construction Equipmnet[1]	Reference Noise Level @ 50 Feet (dBA L_{eq})	Composite Reference Noise Level (dBA L_{eq})[2]	Reference Power Level (dBA L_w)[3]
Site Preparation	Tractor	80	82.9	114.5
	Front End Loader	75		
	Dozer	78		
Grading	Tractor	80	84.2	115.9
	Grader	81		
	Compactor (ground)	76		
Building Construction	Crane	73	82.1	113.7
	Generator	78		
	Gradall	79		
Paving	Paver	74	77.8	109.5
	Dump Truck	72		
	Roller	73		
Architectural Coating	Man Lift	68	76.2	107.8
	Compressor (air)	74		
	Generator (<25kVA)	70		

[1] FHWA Road Construction Noise Model.
[2] Represents the combined noise level for all equipment, assuming they operate at the same time, consistent with FTA Transit Noise and Vibration Impact Assessment guidance.
[3] Sound power level represents the total amount of acoustical energy (noise level) produced by a sound source, independent of distance or surroundings.

10.3 CONSTRUCTION NOISE ANALYSIS

Construction projects involve various stages, and activities frequently shift from one location to another. For example, during site preparation and grading, noise-generating activities may concentrate in an area for a short period to remove an obstruction, while the majority of the grading involves the equipment moving back and forth in a predictable pattern throughout the site; building construction and foundation work generally concentrate near the building footprint, while paving generally involves a predictable pattern of movement throughout the site. Therefore, construction activities are best evaluated as multiple moving point sources within the construction area since the speed and power of the equipment vary, and the equipment constantly changes position in terms of its distance and direction relative to the receivers. (8) (28) Using the reference construction equipment noise levels and the CadnaA noise prediction model, calculations of the Project construction noise level impacts by phase at the nearby sensitive receiver locations were completed. To account for the dynamic nature of construction activities, the CadnaA construction noise analysis evaluates the noise source activities as multiple moving point sources, or construction crews, within the limits of construction. Construction impacts are based on the loudest activity and the highest noise level calculated at each receiver location. As shown in Table 10-2, the highest construction

noise levels are expected to range from 34.1 to 44.3 dBA L_{eq} at the nearby receiver locations. Appendix 10.1 includes the detailed CadnaA construction noise model inputs.

TABLE 10-2: CONSTRUCTION EQUIPMENT NOISE LEVEL SUMMARY

Receiver Location[1]	Construction Noise Levels (dBA L_{eq})					
	Site Preparation	Grading	Building Construction	Paving	Architectural Coating	Highest Levels[2]
R1	32.8	34.1	32.0	27.7	26.0	34.1
R2	40.5	41.8	39.7	35.4	33.7	41.8
R3	43.0	44.3	42.2	37.9	36.2	44.3
R4	41.4	42.7	40.6	36.3	34.6	42.7

[1] Construction noise source and receiver locations are shown in Exhibit 10-1.
[2] Construction noise level calculations based on distance from the construction activity, which is measured from the Project site boundary to the nearest receiver locations. CadnaA construction noise model inputs are included in Appendix 9.1.

10.4 PROJECT SITE CONSTRUCTION NOISE LEVEL COMPLIANCE

To evaluate whether the Project will generate potentially significant short-term noise levels at the nearest receiver locations, a construction-related daytime noise level threshold of 80 dBA L_{eq} is used as a reasonable threshold to assess the daytime construction noise level impacts. The construction noise analysis shows that the nearest receiver locations will satisfy the reasonable daytime 80 dBA L_{eq} significance threshold during Project construction activities, as shown in Table 10-3. Therefore, the noise impacts due to the Project construction noise would not exceed the reasonable daytime noise level limit of 80 dBA L_{eq} at any receiver location.

TABLE 10-3: CONSTRUCTION NOISE LEVEL COMPLIANCE

Receiver Location[1]	Construction Noise Levels (dBA L_{eq})		
	Highest Construction Noise Levels[2]	Threshold[3]	Threshold Exceeded?[4]
R1	34.1	80	No
R2	41.8	80	No
R3	44.3	80	No
R4	42.7	80	No

[1] Construction noise source and receiver locations are shown in Exhibit 10-1.
[2] Highest construction noise level calculations based on distance from the construction noise source activity to the nearest receiver locations, as shown in Table 10-2.
[3] Construction noise level thresholds as shown in Table 4-1.
[4] Do the estimated Project construction noise levels exceed the construction noise level threshold?

9.5 TEMPORARY CONSTRUCTION NOISE LEVEL INCREASES

To describe the temporary Project construction noise level contributions to the existing ambient noise environment, the Project construction noise levels were combined with the existing ambient

noise levels measurements at the nearest off-site receiver locations. The difference between the combined Project-construction and ambient noise levels is used to describe the construction noise level contributions. Temporary noise level increases that would be experienced at sensitive receiver locations when the Project construction-source noise is added to the ambient daytime conditions are presented in Table 10-4. A temporary noise level increase of 20 dBA is considered *potentially significant*.

As indicated in Table 10-4, the Project construction will contribute to temporary noise level increases ranging from less than 0.1 to 0.6 dBA L_{eq} during the daytime hours at the nearest receiver locations. The unmitigated construction noise analysis shows that the nearest receiver locations will not exceed the *substantial* 20 dBA L_{eq} noise level increase significance threshold during Project construction activities. The temporary construction noise level increase analysis shows that the noise impacts due to the Project's construction are considered *less than significant*.

TABLE 10-4: DAYTIME CONSTRUCTION NOISE LEVEL INCREASES

Receiver Location[1]	Typical Project Construction Noise Level[2]	Measurement Location[3]	Reference Ambient Noise Levels[4]	Combined Project and Ambient[5]	Project Increase[6]	Increase Criteria	Increase Criteria Exceeded?
R1	34.1	L1	58.7	58.7	0.0	20	No
R2	41.8	L2	62.8	62.8	0.0	20	No
R3	44.3	L3	52.8	53.4	0.6	20	No
R4	42.7	L4	54.5	54.8	0.3	20	No

[1] Construction noise source and receiver locations are shown in Exhibit 10-1.
[2] Typical Project daytime construction noise levels as shown in Table 10-3.
[3] Reference noise level measurement locations as shown in Exhibit 5-1.
[4] Observed daytime ambient noise levels as shown in Table 5-1.
[5] Represents the combined ambient conditions plus the Project construction activities.
[6] The noise level increase expected with the addition of the proposed Project construction activities.

10.6 CONSTRUCTION VIBRATION ANALYSIS

Construction activity can result in varying degrees of ground vibration, depending on the equipment and methods employed. The operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Ground vibration levels associated with various types of construction equipment are summarized in Table 10-5. Based on the representative vibration levels presented for various construction equipment types, it is possible to estimate the potential for human response (annoyance) and building damage using the following vibration assessment methods defined by Caltrans. To describe the vibration impacts, Caltrans provides the following equation:

$$PPV\ (in/sec)_{equip} = PPV_{ref} \times (25/D)^{1}$$

Using the vibration source level of construction equipment provided in Table 10-5 and the construction vibration assessment methodology published by the FTA, it is possible to estimate the Project vibration impacts

TABLE 10-5: VIBRATION SOURCE LEVELS FOR CONSTRUCTION EQUIPMENT

Equipment	PPV (in/sec) at 25 feet
Small bulldozer	0.003
Jackhammer	0.035
Loaded Trucks	0.076
Large bulldozer	0.089
Vibratory Roller	0.210

Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual

Table 10-6 presents the expected Project-related vibration levels at the nearby receiver locations. At distances ranging from 573 to 2,563 feet from the Project construction activities, construction vibration velocity levels are estimated to range from less than 0.01 to 0.01 PPV in/sec. Based on the maximum acceptable continuous vibration threshold of 0.20 PPV (in/sec), the typical Project construction vibration levels will fall below the building damage thresholds at all the noise-sensitive receiver locations. Therefore, the Project-related vibration impacts are considered *less than significant* during typical construction activities at the Project site.

TABLE 10-6: PROJECT CONSTRUCTION VIBRATION LEVELS

Location[1]	Distance to Const. Activity (Feet)[2]	Typical Construction Vibration Levels PPV (in/sec)[3]						Thresholds PPV (in/sec)[4]	Thresholds Exceeded?[5]
		Small bulldozer	Jack-hammer	Loaded Trucks	Large bulldozer	Vibratory Roller	Highest Vibration Level		
R1	2,120'	0.00	0.00	0.00	0.00	0.00	0.00	0.20	No
R2	427'	0.00	0.00	0.00	0.01	0.01	0.01	0.20	No
R3	657'	0.00	0.00	0.00	0.00	0.01	0.01	0.20	No
R4	551'	0.00	0.00	0.00	0.00	0.01	0.01	0.20	No

[1] Construction noise source and receiver locations are shown in Exhibit 10-1.
[2] Distance from receiver building facade to Project construction boundary (Project site boundary).
[3] Based on the Vibration Source Levels of Construction Equipment (Table 10-5).
[4] City of Adelanto Municipal Code Section 17.90.030 (Appendix 3.1)
[5] Does the peak vibration exceed the acceptable vibration thresholds?
"PPV" = Peak Particle Velocity

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12 CERTIFICATION

The contents of this noise study report represent an accurate depiction of the noise environment and impacts associated with the Project. The information contained in this noise study impact assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at hqureshi@urbanxroads.com.

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APPENDIX 3.1:

CITY OF ADELANTO CODE OF ORDINANCES

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Chapter 11.80 NOISE REGULATION

11.80.010 Legislative findings.

It is found and declared that:

A. Excessive sound within the limits of the city is a condition which has existed for some time, and the amount and intensity of such sound is increasing.

B. Such excessive sound is a detriment to the public health, safety, and welfare and quality of life of the residents of the city.

C. The necessity in the public interest for the provisions and prohibitions hereinafter contained and enacted is declared as a matter of legislative determination and public policy, and it is further declared that the provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the purpose of securing and promoting the public health, safety, welfare and quality of life of the city and its inhabitants. (Ord. 740 § 1.2, 2007)

11.80.020 Definitions.

For purposes of this chapter, certain words and phrases used herein are defined as follows:

“A-weighted sound level” means the sound pressure level in decibels as measured with a sound level meter using the A-weighting network. The unit of measurement is the dB(A).

“Commercial” means all uses of land not otherwise classified as residential, as defined in this section.

“Construction” means any site preparation, and/or any assembly, erection, repair, or alteration, excluding demolition, of any structure, or improvements to real property.

“Continuous airborne sound” means sound that is measured by the slow-response setting of a meter manufactured to the specifications of ANSI Section 1.4-1983 (R2006) “Specification for Sound Level Meters,” or its successor.

“Daytime” means eight a.m. to ten p.m. the same day.

“Decibel” (dB) means a unit for measuring the amplitude of sound, equal to twenty (20) times the logarithm to the base ten (10) of the ratio of the pressure of the sound measured to the reference pressure, which is twenty (20) microPascals (twenty (20) microNewtons per square meter.)

“Demolition” means any dismantling, intentional destruction or removal of structures or other improvements to real property.

“Disturb” means to interrupt, interfere with, or hinder the enjoyment of peace or quiet or the normal listening activities or the sleep, rest or mental concentration of the hearer.

“Emergency” means any occurrence or set of circumstances involving actual or imminent physical trauma or significant property damage which necessitates immediate action. Economic loss alone shall not constitute an emergency. It shall be the burden of an alleged violator to prove an “emergency.”

“Emergency work” means any work made necessary to restore property to a safe condition following an emergency, or to protect persons or property threatened by an imminent emergency, to the extent such work is, in fact, necessary to protect persons or property from exposure to imminent danger or damage.

“Frequency” means the number of complete oscillation cycles per unit of time.

“Impulsive sound” means sound of short duration, usually less than one second, with an abrupt onset and rapid decay. Examples of sources of impulsive sound include explosions, drop forge impacts, and discharge of firearms.

“Nighttime” means 10:01 p.m. to 7:59 a.m. the following day.

“Noise disturbance” means any sound which:

1. Disturbs a reasonable person of normal sensitivities;

2. Exceeds the sound level limits set forth in this chapter; or

3. Is plainly audible as defined in this section. Where no specific distance is set forth for the determination of audibility, references to noise disturbance shall be deemed to mean plainly audible at a distance of two hundred (200) feet from the real property line of the source of the sound, if the sound occurs on privately owned property, or from the source of the sound, if the sound occurs on public right-of-way, public space or other publicly owned property.

"Person" means any person, person's firm, association, copartnership, joint venture, corporation, or any entity public or private in nature.

"Plainly audible" means that the sound or noise produced or reproduced by any particular source, can be clearly distinguished from ambient noise by a person using his/her normal hearing faculties.

"Public right-of-way" means any street, avenue, boulevard, sidewalk, bike path or alley, or similar place normally accessible to the public which is owned or controlled by a governmental entity.

"Public space" means any park, recreational or community facility, or lot which contains at least one building that is open to the general public during its hours of operation.

"Residential" means all uses of land primarily for dwelling units, as well as hospitals, schools, colleges and universities, and places of religious assembly.

"Sound" means an oscillation in pressure, particle displacement, particle velocity or other physical parameter, in a medium with internal forces that causes compression and rarefaction of that medium capable of producing an auditory impression. The description of sound may include any characteristic of such sound, including duration, intensity and frequency.

"Sound level" means the weighted sound pressure level as measured in dB(A) by a sound level meter and as specified in American National Standards Institute (ANSI) specifications for sound-level meters (ANSI Section 1.4-1971 (R1976)). If the frequency weighting employed is not indicated, the A-weighting shall apply.

"Sound level meter" means an instrument, demonstrably capable of accurately measuring sound levels as defined above.

All technical definitions not defined above shall be in accordance with applicable publications and standards of the American National Standards Institute (ANSI). (Ord. 740 § 1.2, 2007)

11.80.030 Prohibited acts.

A. General Prohibition. It is unlawful and a violation of this chapter to maintain, make, cause, or allow the making of any sound that causes a noise disturbance, as defined in Section 11.80.020.

B. Sound causing permanent hearing loss.

1. Sound level limits. Based on statistics from the Center for Disease Control and Prevention and the National Institute for Occupational Safety and Health, Table 1 and Table 1-A specify sound level limits which, if exceeded, will have a high probability of producing permanent hearing loss in anyone in the area where the sound levels are being exceeded. No sound shall be permitted within the city which exceeds the parameters set forth in Tables 11.80.030-1 and 11.80.030-1-A of this chapter:

Table 11.80.030-1

MAXIMUM CONTINUOUS SOUND LEVELS*

Duration per Day Continuous Hours	**Sound level [db(A)]**
8	90
6	92
4	95
3	97

2	100
1.5	102
1	105
0.5	110
0.25	115

* When the daily sound exposure is composed of two or more periods of sound exposure at different levels, the combined effect of all such periods shall constitute a violation of this section if the sum of the percent of allowed period of sound exposure at each level exceeds 100 percent

Table 11.80.030-1A

MAXIMUM IMPULSIVE SOUND LEVELS

Number of Repetitions per 24-Hour Period	Sound level [dB(A)]
1	145
10	135
100	125

2. Exemptions. No violation shall exist if the only persons exposed to sound levels in excess of those listed in Tables 11.80.030-1 and 11.80.030-1A are exposed as a result of:

a. Trespass;

b. Invitation upon private property by the person causing or permitting the sound; or

c. Employment by the person or a contractor of the person causing or permitting the sound.

C. Nonimpulsive Sound Decibel Limits. No person shall maintain, create, operate or cause to be operated on private property any source of sound in such a manner as to create any nonimplusive sound which exceeds the limits set forth for the source land use category (as defined in Section 11.80.020) in Table 11.80.030-2 when measured at a distance of two hundred (200) feet or more from the real property line of the source of the sound, if the sound occurs on privately owned property, or from the source of the sound, if the sound occurs on public right-of-way, public space or other publicly owned property. Any source of sound in violation of this subsection shall be deemed prima facie to be a noise disturbance.

Table 11.80.030-2

MAXIMUM SOUND LEVELS (IN dB(A)) FOR SOURCE LAND USES

Residential		Commercial	
Daytime	**Nighttime**	**Daytime**	**Nighttime**
60	55	65	60

D. Specific Prohibitions. In addition to the general prohibitions set out in subsection A of this section, and unless otherwise exempted by this chapter, the following specific acts, or the causing or permitting thereof, are regulated as follows:

1. Motor Vehicles. No person shall operate or cause to be operated a public or private motor vehicle, or combination of vehicles towed by a motor vehicle, that creates a sound exceeding the sound level limits in Table 11.80.030-2 when the vehicle(s) are not otherwise subject to noise regulations provided for by the California Vehicle Code.

2. Radios, Televisions, Electronic Audio Equipment, Musical Instruments or Similar Devices from a Stationary Source. No person shall operate, play or permit the operation or playing of any radio, tape player, television, electronic audio equipment, musical instrument, sound amplifier or other mechanical or electronic sound making device that produces, reproduces or amplifies sound in such a manner as to create a noise disturbance. However, this subsection shall not apply to any use or activity exempted in subsection E of this section and any use or activity for which a special permit has been issued pursuant to Section 11.80.040.

3. Radios, Electronic Audio Equipment, or Similar Devices from a Mobile Source Such as a Motor Vehicle. Sound amplification or reproduction equipment on or in a motor vehicle is subject to regulation in accordance with the California Vehicle Code when upon the public right-of-way. When upon public space or publicly owned property other than the public right-of-way or upon private property open to the public, sound amplification or reproduction equipment shall not be operated in such a manner that it is plainly audible at a distance of fifty (50) feet in any direction from the vehicle.

4. Portable, Hand-Held Music or Sound Amplification or Reproduction Equipment. Such equipment shall not be operated on a public right-of-way, public space or other publicly owned property in such a manner as to be plainly audible at a distance of fifty (50) feet in any direction from the operator.

5. Loudspeakers and Public Address Systems.

a. Except as permitted by Section 11.80.040, no person shall operate, or permit the operation of, any loudspeaker, public address system or similar device, for any commercial purpose:

1. Which produces, reproduces or amplifies sound in such a manner as to create a noise disturbance; or

2. During nighttime hours on a public right-of-way, public space or other publicly owned property.

b. No person shall operate, or permit the operation of, any loudspeaker, public address system or similar device, for any noncommercial purpose, during nighttime hours in such a manner as to create a noise disturbance.

6. Animals. No person shall own, possess or harbor an animal or bird that howls, barks, meows, squawks, or makes other sounds that:

a. Create a noise disturbance;

b. Are of frequent or continued duration for ten (10) or more consecutive minutes and are plainly audible at a distance of fifty (50) feet from the real property line of the source of the sound; or

c. Are intermittent for a period of thirty (30) or more minutes and are plainly audible at a distance of fifty (50) feet from the real property line of the source of the sound.

7. Construction and Demolition. No person shall operate or cause the operation of any tools or equipment used in construction, drilling, repair, alteration or demolition work between the hours of eight p.m. and seven a.m. the following day such that the sound there from creates a noise disturbance, except for emergency work by public service utilities or for other work approved by the city manager or designee. This section shall not apply to the use of power tools as provided in subsection (D)(9) of this section.

8. Emergency Signaling Devices. No person shall intentionally sound or permit the sounding outdoors of any fire, burglar or civil defense alarm, siren or whistle, or similar stationary emergency signaling device, except for emergency purposes or for testing as follows:

a. Testing of a stationary emergency signaling device shall not occur between seven p.m. and seven a.m. the following day;

b. Testing of a stationary emergency signaling device shall use only the minimum cycle test time, in no case to exceed sixty (60) seconds;

c. Testing of a complete emergency signaling system, including the functioning of the signaling device and the personnel response to the signaling device, shall not occur more than once in each calendar month. Such testing shall only occur only on weekdays between seven a.m. and seven p.m. and shall be exempt from the time limit specified in subsection (D)(8)(2) of this section.

9. Power Tools. No person shall operate or permit the operation of any mechanically, electrically or gasoline motor-driven tool during nighttime hours so as to cause a noise disturbance across a residential real property boundary.

10. Pumps, Air Conditioners, Air-Handling Equipment and Other Continuously Operating Equipment. Notwithstanding the general prohibitions of subsection a of this section, no person shall operate or permit the operation of any pump, air

conditioning, air-handling or other continuously operating motorized equipment in a state of disrepair or in a manner which otherwise creates a noise disturbance distinguishable from normal operating sounds.

E. Exemptions. The following uses and activities shall be exempt from the sound level regulations except the maximum sound levels provided in Tables 11.80.030-1 and 11.80.030-1A:

1. Sounds resulting from any authorized emergency vehicle when responding to an emergency call or acting in time of an emergency.

2. Sounds resulting from emergency work as defined in Section 11.80.020

3. Any aircraft operated in conformity with, or pursuant to, federal law, federal air regulations and air traffic control instruction used pursuant to and within the duly adopted federal air regulations; and any aircraft operating under technical difficulties in any kind of distress, under emergency orders of air traffic control, or being operated pursuant to and subsequent to the declaration of an emergency under federal air regulations.

4. All sounds coming from the normal operations of interstate motor and rail carriers, to the extent that local regulation of sound levels of such vehicles has been preempted by the Noise Control Act of 1972 (42 U.S.C. § 4901 et seq.) or other applicable federal laws or regulations

5. Sounds from the operation of motor vehicles, to the extent they are regulated by the California Vehicle Code.

6. Any constitutionally protected noncommercial speech or expression conducted within or upon a any public right-of-way, public space or other publicly owned property constituting an open or a designated public forum in compliance with any applicable reasonable time, place and manner restrictions on such speech or expression or otherwise pursuant to legal authority.

7. Sounds produced at otherwise lawful and permitted city-sponsored events, organized sporting events, school assemblies, school playground activities, by permitted fireworks, and by permitted parades on public right-of-way, public space or other publicly owned property.

8. An event for which a temporary use permit or special event permit has been issued under other provisions of this code, where the provisions of Section 11.80.040 are met, the permit granted expressly grants an exemption from specific standards contained in this chapter, and the permittee and all persons under the permittee's reasonable control actually comply with all conditions of such permit. Violation of any condition of such a permit related to sound or sound equipment shall be a violation of this chapter and punishable as such.

F. Nothing in this chapter shall be construed to limit, modify or repeal any other regulation elsewhere in this code relating to the regulation of noise sources, nor shall any such other regulation be read to permit the emission of noise in violation of any provision of this chapter. (Ord. 740 § 1.2, 2007)

11.80.040 Special provisions for temporary use and special event permits.

The exemption by permit set forth in Section 11.80.030(E)(8) shall be subject to the following requirements and conditions:

A. The permit application shall include the name, address and telephone number of the permit applicant; the date, hours and location for which the permit is requested; and the nature of the event or activity. It shall also specify the types of sounds and/or sound equipment to be permitted, the proposed duration of such sound, the specific standards from which the sound is to be exempted, and the reasons for each requested exemption.

B. The permit shall be issued provided the proposed activity meets the requirements of this section and the issuing official determines that the sound to be emitted at the event as proposed would not be detrimental to the public health, safety or welfare, that the event cannot reasonably achieve its legitimate aims and purposes without the exemption and that the sound levels proposed will not unreasonably damage the peace and quiet enjoyment of the lawful users of surrounding properties, nor constitute a public nuisance.

C. The official issuing the permit may prescribe any reasonable conditions or requirements he/she deems necessary to minimize noise disturbances upon the community or the surrounding neighborhood, and/or to protect the health, safety or welfare of the public, including participants in the permitted event, including use of mufflers, screens or other sound-attenuating devices.

D. Any permit granted must be in writing and shall contain all conditions upon which the permit shall be effective.

E. No more than six events requiring a sound limit exemption may be held at any particular location upon privately owned or controlled property per calendar year, provided further that the number of events shall not exceed the number permitted under the regulations for the type of permit issued. For purposes of this subsection, "location" means a legal parcel of real property or a complete shopping or commercial center or mall sharing common parking and access even if comprised of multiple legal parcels.

F. The exemption from sound limits under such permit shall not exceed maximum period of four hours in one twenty-four (24) hour day.

G. The permit will only be granted for hours between nine a.m. and ten p.m. on all days other than Friday and Saturday; and, on Friday and Saturday, between the hours of nine a.m. and one a.m. of the following day, except in the following circumstances:

1. A permit may be granted for hours between nine a.m. on New Year's Eve and one a.m. the following day (New Year's Day).

2. A permit may be granted for hours between nine a.m. and two a.m. the following day if there are no residences, hospitals, or nursing homes within a 0.5 mile radius of the property where the function is taking place.

H. Functions for which the permits are issued shall be limited to a continuous airborne sound level not to exceed seventy (70) dB(A), as measured two hundred (200) feet from the real property boundary of the source property if on private property, or from the source if on public right-of-way, public space or other publicly owned property. (Ord. 740 § 1.2, 2007)

11.80.050 Measurement or assessment of sound.

A. Measurement With Sound Meter.

1. The measurement of sound shall be made with a sound level meter meeting the standards prescribed by ANSI Section 1.4-1983 (R2006). The instruments shall be maintained in calibration and good working order. A calibration check shall be made of the system at the time of any sound level measurement. Measurements recorded shall be taken so as to provide a proper representation of the source of the sound. The microphone during measurement shall be positioned so as not to create any unnatural enhancement or diminution of the measured sound. A windscreen for the microphone shall be used at all times. However, a violation of this chapter may occur without the occasion of the measurements being made as otherwise provided.

2. The slow meter response of the sound level meter shall be used in order to best determine the average amplitude.

3. The measurement shall be made at any point on the property into which the sound is being transmitted and shall be made at least three feet away from any ground, wall, floor, ceiling, roof and other plane surface.

4. In case of multiple occupancy of a property, the measurement may be made at any point inside the premises to which any complainant has right of legal private occupancy; provided that the measurement shall not be made within three feet of any ground, wall, floor, ceiling, roof or other plane surface.

5. All measurements of sound provided for in this chapter will be made by qualified officials of the city who are designated by the city manager or designee to operate the apparatus used to make the measurements.

B. Assessment Without Sound Level Meter. Any police officer, code enforcement officer, or other official designated by the city manager or designee who hears a noise or sound that is plainly audible, as defined in Section 11.80.020, in violation of this chapter, may enforce this chapter and shall assess the noise or sound according to the following standards:

1. The primary means of detection shall be by means of the official's normal hearing faculties, not artificially enhanced.

2. The official shall first attempt to have a direct line of sight and hearing to the vehicle or real property from which the sound or noise emanates so that the official can readily identify the offending source of the sound or noise and the distance involved. If the official is unable to have a direct line of sight and hearing to the vehicle or real property from which the sound or noise emanates, then the official shall confirm the source of the sound or noise by approaching the suspected vehicle or real property until the official is able to obtain a direct line of sight and hearing, and confirm the source of the sound or noise that was heard at the place of the original assessment of the sound or noise.

3. The official need not be required to identify song titles, artists, or lyrics in order to establish a violation. (Ord. 740 § 1.2, 2007)

11.80.060 Violation.

A. Violation of Sound Level Limits. Any person violating any of the provisions of this chapter shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punishable by a fine not to exceed one thousand dollars ($1,000.00) and/or six months in the county jail, or both. Notwithstanding the foregoing, any violation of the provisions of this chapter may, in the discretion of the citing officer or the city attorney, be cited and/or prosecuted as an infraction or be subject to civil citation pursuant to Chapter 1.10.

B. Joint and Several Responsibility. In addition to the person causing the offending sound, the owner, tenant or lessee of property, or a manager, overseer or agent, or any other person lawfully entitled to possess the property from which the offending sound is emitted at the time the offending sound is emitted, shall be responsible for compliance with this chapter if the additionally responsible party knows or should have known of the offending noise disturbance. It shall not be a lawful defense to assert that some other person caused the sound. The lawful possessor or operator of the premises shall be responsible for operating or maintaining the premises in compliance with this chapter and may be cited regardless of whether or not the person actually causing the sound is also cited.

C. Violation May be Declared a Public Nuisance. The operation or maintenance of any device, equipment, instrument, vehicle or machinery in violation of any provisions of this chapter which endangers the public health, safety and quality of life of residents in the area is declared to be a public nuisance, and may be subject to abatement summarily or by a restraining order or injunction issued

by a court of competent jurisdiction. (Ord. 824 § 1.2, 2011; Ord. 740 § 1.2, 2007)

View the mobile version.

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APPENDIX 5.1:

STUDY AREA PHOTOS

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16098 - Adelanto Industrial Park

16098_L1_A 1.North
34, 34' 20.660000",117, 24' 22.640000"



16098_L1_A 2.South
34, 34' 20.490000",117, 24' 22.660000"



16098_L1_A 3.East
34, 34' 20.470000",117, 24' 22.640000"



16098_L1_A 4.West
34, 34' 20.430000",117, 24' 22.580000"



16098 - Adelanto Industrial Park

16098_L2_B 1.North
34, 34' 22.230000",117, 24' 2.230000"



16098_L2_B 2.South
34, 34' 22.080000",117, 24' 2.260000"



16098_L2_B 3.East
34, 34' 22.040000",117, 24' 2.230000"



16098_L2_B 4.West
34, 34' 22.020000",117, 24' 2.260000"



16098 - Adelanto Industrial Park

16098_L3_C 1.North
34, 33' 26.080000",117, 22' 30.470000"



16098_L3_C 2.South
34, 33' 26.010000",117, 22' 30.440000"



16098_L3_C 3.East
34, 33' 26.010000",117, 22' 30.440000"



16098_L3_C 4.West
34, 33' 26.090000",117, 22' 30.600000"



16098 - Adelanto Industrial Park

16098_L4_D 1.North
34, 33' 59.570000",117, 23' 56.240000"



16098_L4_D 2.South
34, 33' 59.560000",117, 23' 56.430000"



16098_L4_D 4.West
34, 33' 59.680000",117, 23' 56.350000"



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APPENDIX 5.2:

NOISE LEVEL MEASUREMENT WORKSHEETS

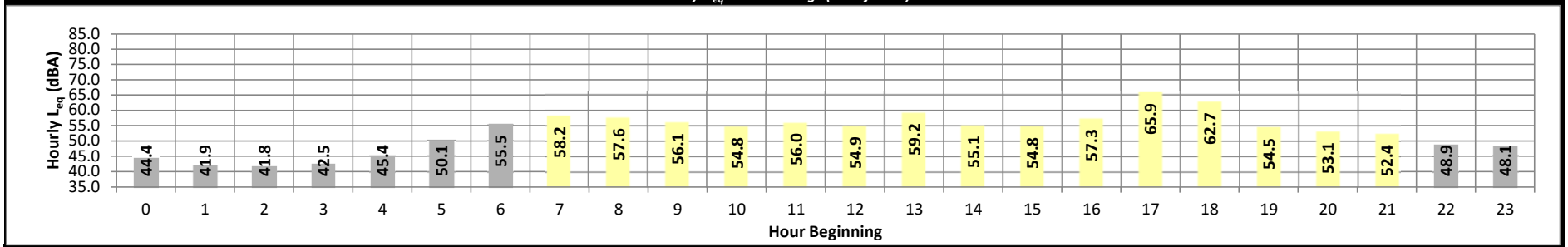
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24-Hour Noise Level Measurement Summary

Date: Tuesday, August 26, 2025 *Location:* L1 - Located northwest of the site near the school at 17927 *Meter:* Piccolo II *JN:* 16098

Project: Adelanto Industrial Park *Source:* Jonathan St. *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	44.4	50.3	40.8	50.1	49.8	48.7	47.8	44.8	43.0	41.5	41.1	40.9	44.4	10.0	54.4
	1	41.9	49.6	36.2	49.3	48.9	47.6	46.5	42.1	39.4	36.8	36.5	36.3	41.9	10.0	51.9
	2	41.8	52.3	35.3	51.7	51.1	48.2	46.1	40.5	38.1	36.0	35.6	35.3	41.8	10.0	51.8
	3	42.5	50.4	36.5	50.2	49.9	48.7	47.3	42.5	39.7	37.3	36.9	36.6	42.5	10.0	52.5
	4	45.4	52.9	38.8	52.7	52.3	51.0	49.9	46.1	42.9	39.7	39.2	38.9	45.4	10.0	55.4
	5	50.1	58.0	44.0	57.6	57.1	55.5	54.2	50.4	48.1	45.0	44.6	44.1	50.1	10.0	60.1
	6	55.5	63.1	49.1	62.8	62.6	61.7	60.7	55.0	52.9	50.1	49.6	49.2	55.5	10.0	65.5
Day	7	58.2	67.4	52.3	66.8	66.1	64.3	62.9	57.7	55.9	53.4	52.9	52.4	58.2	0.0	58.2
	8	57.6	65.8	51.9	65.2	64.4	62.8	61.6	58.1	55.3	53.0	52.5	52.0	57.6	0.0	57.6
	9	56.1	64.4	51.4	64.0	63.5	61.2	59.2	55.9	54.5	52.4	52.0	51.5	56.1	0.0	56.1
	10	54.8	59.9	51.0	59.4	59.0	58.0	57.3	55.4	54.1	52.1	51.6	51.1	54.8	0.0	54.8
	11	56.0	63.8	51.7	63.1	62.3	60.2	59.2	56.2	54.6	52.6	52.2	51.8	56.0	0.0	56.0
	12	54.9	62.2	50.9	61.8	61.3	59.5	58.0	55.0	53.5	51.7	51.3	51.0	54.9	0.0	54.9
	13	59.2	67.0	55.4	66.6	66.3	64.8	62.8	58.6	57.1	55.9	55.7	55.4	59.2	0.0	59.2
	14	55.1	61.4	51.1	61.0	60.6	59.1	58.3	55.4	54.1	52.1	51.6	51.2	55.1	0.0	55.1
	15	54.8	60.6	51.2	60.2	59.7	58.4	57.6	55.3	53.9	52.0	51.7	51.3	54.8	0.0	54.8
	16	57.3	66.1	50.9	65.8	65.5	63.9	62.4	56.7	54.0	51.9	51.4	51.0	57.3	0.0	57.3
	17	65.9	75.2	55.3	74.7	74.1	72.9	71.8	64.9	60.0	56.7	56.2	55.5	65.9	0.0	65.9
	18	62.7	72.2	54.3	71.7	71.0	68.8	67.0	62.6	59.7	56.3	55.6	54.4	62.7	0.0	62.7
	19	54.5	61.2	49.7	60.8	60.3	58.5	57.7	55.0	53.5	50.8	50.3	49.8	54.5	5.0	59.5
	20	53.1	59.7	47.9	59.3	58.9	57.5	56.3	53.6	51.9	49.1	48.6	48.1	53.1	5.0	58.1
	21	52.4	60.5	45.9	60.1	59.4	57.5	56.3	52.6	50.5	47.3	46.6	46.1	52.4	5.0	57.4
Night	22	48.9	55.9	42.7	55.3	54.8	53.4	52.5	49.7	47.6	43.9	43.3	42.9	48.9	10.0	58.9
	23	48.1	56.6	41.1	56.3	55.8	54.1	52.8	47.9	45.2	42.2	41.8	41.3	48.1	10.0	58.1

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	52.4	59.7	45.9	59.3	58.9	57.5	56.3	52.6	50.5	47.3	46.6	46.1
	Max	65.9	75.2	55.4	74.7	74.1	72.9	71.8	64.9	60.0	56.7	56.2	55.5
Energy Average		58.7	Average:		64.0	63.5	61.8	60.6	56.9	54.8	52.5	52.0	51.5
Night	Min	41.8	49.6	35.3	49.3	48.9	47.6	46.1	40.5	38.1	36.0	35.6	35.3
	Max	55.5	63.1	49.1	62.8	62.6	61.7	60.7	55.0	52.9	50.1	49.6	49.2
Energy Average		49.0	Average:		54.0	53.6	52.1	50.9	46.5	44.1	41.4	41.0	40.6

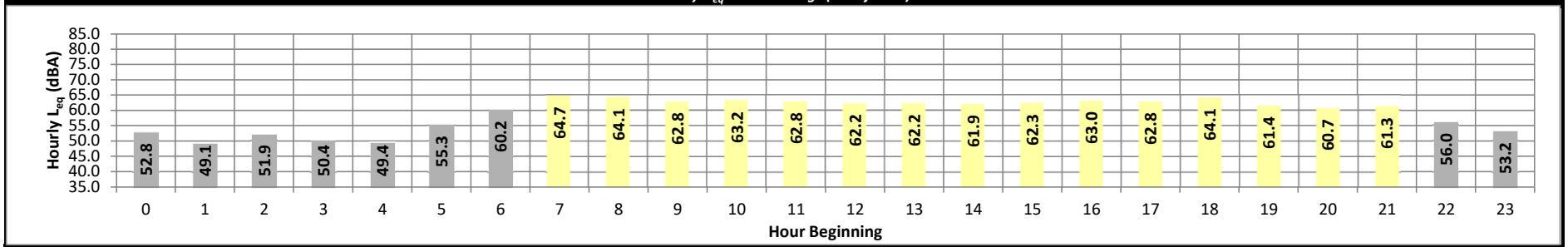
24-Hour CNEL	Leq (dBA) Daytime (7am-10pm)	Leq (dBA) Nighttime (10pm-7am)
59.1	58.7	49.0

24-Hour Noise Level Measurement Summary

Date: Tuesday, August 26, 2025 *Location:* L2 - Located northwest of the site near the residence at 17767 *Meter:* Piccolo II *JN:* 16098

Project: Adelanto Industrial Park *Source:* Adelanto Rd. *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	52.8	63.4	47.1	63.1	62.7	60.0	57.0	49.7	48.1	47.5	47.4	47.2	52.8	10.0	62.8
	1	49.1	55.8	47.3	55.4	54.9	52.5	50.7	48.7	48.3	47.8	47.7	47.5	49.1	10.0	59.1
	2	51.9	58.0	49.5	57.8	57.4	55.8	54.4	51.7	51.0	50.0	49.9	49.6	51.9	10.0	61.9
	3	50.4	62.1	43.3	61.6	61.1	57.5	54.7	47.1	44.4	43.7	43.6	43.4	50.4	10.0	60.4
	4	49.4	61.2	33.8	60.8	60.3	57.8	55.4	45.0	37.3	34.6	34.2	33.9	49.4	10.0	59.4
	5	55.3	67.2	33.5	66.7	66.1	63.2	60.7	52.3	42.8	34.1	33.8	33.6	55.3	10.0	65.3
	6	60.2	69.3	42.0	69.0	68.5	66.8	65.5	60.8	55.5	45.4	43.7	42.2	60.2	10.0	70.2
Day	7	64.7	72.8	50.6	72.5	71.9	69.8	68.5	66.0	62.6	53.9	52.2	50.9	64.7	0.0	64.7
	8	64.1	71.1	49.7	70.9	70.5	69.2	68.2	65.7	62.4	53.0	51.1	49.9	64.1	0.0	64.1
	9	62.8	70.4	48.2	70.1	69.7	68.4	67.4	64.2	59.9	51.5	50.0	48.6	62.8	0.0	62.8
	10	63.2	71.7	46.8	71.2	70.6	68.9	67.7	64.6	60.1	50.3	48.4	47.1	63.2	0.0	63.2
	11	62.8	72.2	46.5	71.9	71.5	69.1	67.3	63.7	58.9	49.4	47.9	46.8	62.8	0.0	62.8
	12	62.2	70.1	46.5	69.7	69.2	67.8	66.8	63.7	59.3	49.6	47.9	46.8	62.2	0.0	62.2
	13	62.2	69.3	47.2	69.0	68.6	67.6	66.9	63.9	59.7	50.2	48.3	47.4	62.2	0.0	62.2
	14	61.9	69.1	47.4	68.8	68.5	67.2	66.3	63.6	59.8	50.5	48.9	47.6	61.9	0.0	61.9
	15	62.3	68.8	48.8	68.6	68.1	67.0	66.4	64.1	60.6	52.0	50.4	49.0	62.3	0.0	62.3
	16	63.0	71.9	48.2	71.3	70.7	68.7	67.3	64.0	60.5	51.2	49.4	48.3	63.0	0.0	63.0
	17	62.8	70.5	48.4	70.2	69.8	68.0	66.8	64.3	60.7	51.9	49.9	48.6	62.8	0.0	62.8
	18	64.1	75.3	47.8	74.9	74.0	70.6	67.8	63.7	60.0	51.4	49.8	48.2	64.1	0.0	64.1
	19	61.4	72.9	45.9	71.5	68.8	66.7	65.8	62.3	57.8	47.8	46.7	46.1	61.4	5.0	66.4
	20	60.7	68.8	49.5	68.6	68.2	66.9	65.8	61.9	56.6	50.7	50.1	49.7	60.7	5.0	65.7
	21	61.3	73.4	49.1	72.7	71.9	68.5	66.1	59.5	54.7	49.9	49.5	49.3	61.3	5.0	66.3
Night	22	56.0	66.4	49.1	66.2	65.7	63.1	61.0	53.8	50.3	49.5	49.4	49.2	56.0	10.0	66.0
	23	53.2	63.4	48.0	63.2	62.7	60.1	57.6	50.7	49.0	48.5	48.4	48.2	53.2	10.0	63.2

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	60.7	68.8	45.9	68.6	68.1	66.7	65.8	59.5	54.7	47.8	46.7	46.1
	Max	64.7	75.3	50.6	74.9	74.0	70.6	68.5	66.0	62.6	53.9	52.2	50.9
Energy Average		62.8	Average:		70.8	70.1	68.3	67.0	63.7	59.6	50.9	49.4	48.3
Night	Min	49.1	55.8	33.5	55.4	54.9	52.5	50.7	45.0	37.3	34.1	33.8	33.6
	Max	60.2	69.3	49.5	69.0	68.5	66.8	65.5	60.8	55.5	50.0	49.9	49.6
Energy Average		54.6	Average:		62.7	62.2	59.6	57.4	51.1	47.4	44.6	44.2	43.9

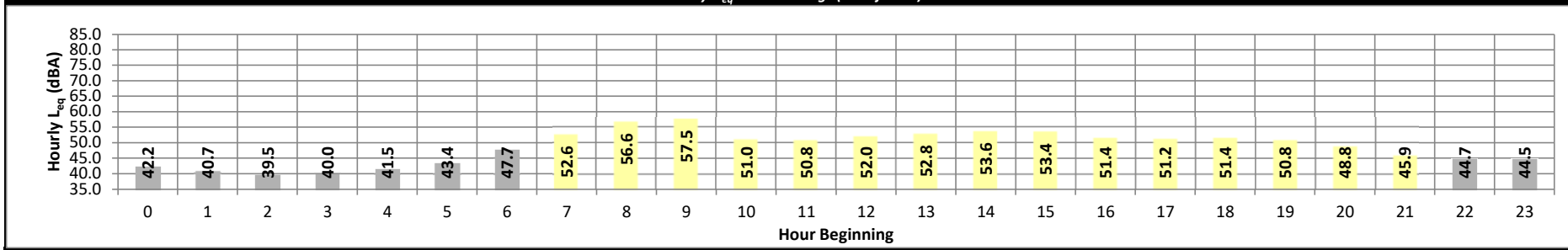
24-Hour CNEL	Leq (dBA) Daytime (7am-10pm)	Leq (dBA) Nighttime (10pm-7am)
64.2	**62.8**	**54.6**

24-Hour Noise Level Measurement Summary

Date: Tuesday, August 26, 2025 *Location:* L3 - Located east of the site near the correctional facility at *Meter:* Piccolo II *JN:* 16098

Project: Adelanto Industrial Park *Source:* 13777 Air Expy *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	42.2	48.3	39.1	47.9	47.4	45.9	44.7	42.6	41.3	39.6	39.4	39.2	42.2	10.0	52.2
	1	40.7	44.8	39.0	44.5	44.2	43.0	42.2	41.1	40.2	39.3	39.2	39.1	40.7	10.0	50.7
	2	39.5	44.0	38.2	43.5	42.9	41.2	40.5	39.6	39.2	38.6	38.5	38.3	39.5	10.0	49.5
	3	40.0	49.9	34.2	49.4	48.9	46.9	44.9	37.9	35.9	34.7	34.5	34.3	40.0	10.0	50.0
	4	41.5	50.1	35.5	49.8	49.4	48.0	46.2	40.6	38.5	36.2	35.9	35.6	41.5	10.0	51.5
	5	43.4	52.0	38.3	51.6	51.2	49.8	48.4	42.7	40.1	38.7	38.5	38.4	43.4	10.0	53.4
	6	47.7	57.4	39.3	57.0	56.4	54.4	52.9	47.2	43.6	39.8	39.6	39.3	47.7	10.0	57.7
Day	7	52.6	60.9	43.3	60.4	59.9	58.2	57.1	53.2	49.9	44.9	44.3	43.5	52.6	0.0	52.6
	8	56.6	63.3	49.1	63.0	62.6	61.6	60.8	57.6	54.8	50.4	49.8	49.2	56.6	0.0	56.6
	9	57.5	67.3	48.5	66.5	65.5	63.4	62.2	57.7	54.5	49.8	49.3	48.7	57.5	0.0	57.5
	10	51.0	60.1	42.5	59.6	59.1	57.3	55.7	51.0	47.4	43.7	43.3	42.7	51.0	0.0	51.0
	11	50.8	60.4	42.8	59.8	59.1	57.0	55.2	50.8	47.3	44.0	43.5	42.9	50.8	0.0	50.8
	12	52.0	61.5	42.9	61.1	60.6	59.0	57.2	51.5	48.3	44.3	43.7	43.1	52.0	0.0	52.0
	13	52.8	61.7	45.7	61.1	60.3	58.4	56.8	52.7	50.5	47.1	46.6	45.9	52.8	0.0	52.8
	14	53.6	59.7	46.3	59.3	59.0	57.9	57.1	54.6	52.4	47.8	47.2	46.5	53.6	0.0	53.6
	15	53.4	60.3	47.1	59.9	59.5	58.5	57.4	54.4	51.5	48.2	47.7	47.2	53.4	0.0	53.4
	16	51.4	59.7	43.5	59.3	58.8	57.2	56.0	52.1	48.3	44.7	44.2	43.7	51.4	0.0	51.4
	17	51.2	59.4	43.3	59.0	58.4	56.9	55.8	51.8	48.3	44.4	43.9	43.5	51.2	0.0	51.2
	18	51.4	60.1	43.5	59.5	58.9	57.3	55.6	51.8	49.0	44.7	44.1	43.6	51.4	0.0	51.4
	19	50.8	59.3	43.9	58.5	58.0	56.6	55.2	51.1	48.2	44.9	44.4	44.0	50.8	5.0	55.8
	20	48.8	56.9	42.1	56.4	56.0	54.8	53.5	49.3	45.7	42.7	42.5	42.2	48.8	5.0	53.8
	21	45.9	53.5	42.5	53.0	52.4	50.6	49.2	45.7	44.1	42.9	42.8	42.6	45.9	5.0	50.9
Night	22	44.7	52.3	42.2	51.9	51.2	49.3	47.6	44.2	43.2	42.6	42.5	42.3	44.7	10.0	54.7
	23	44.5	50.1	42.9	49.8	49.2	47.7	46.5	44.5	43.8	43.2	43.1	43.0	44.5	10.0	54.5

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	45.9	53.5	42.1	53.0	52.4	50.6	49.2	45.7	44.1	42.7	42.5	42.2
	Max	57.5	67.3	49.1	66.5	65.5	63.4	62.2	57.7	54.8	50.4	49.8	49.2
Energy Average		52.8	Average:		59.8	59.2	57.7	56.3	52.4	49.3	45.6	45.1	44.6
Night	Min	39.5	44.0	34.2	43.5	42.9	41.2	40.5	37.9	35.9	34.7	34.5	34.3
	Max	47.7	57.4	42.9	57.0	56.4	54.4	52.9	47.2	43.8	43.2	43.1	43.0
Energy Average		43.5	Average:		49.5	49.0	47.3	46.0	42.3	40.6	39.2	39.0	38.8

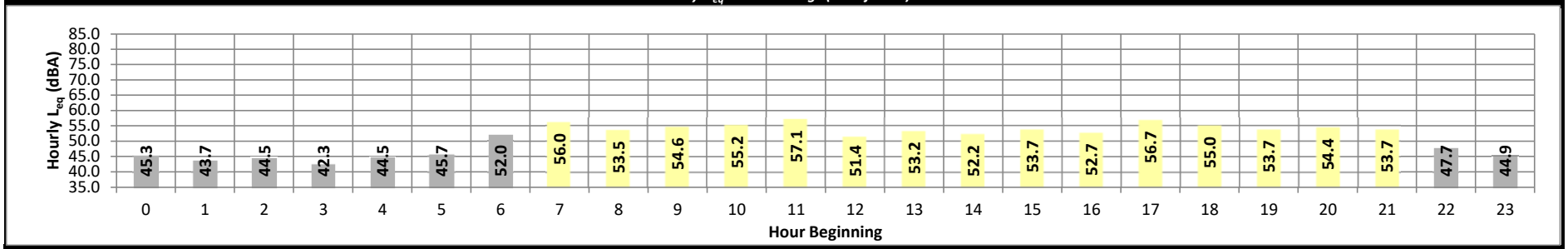
24-Hour CNEL	Leq (dBA) Daytime (7am-10pm)	Leq (dBA) Nighttime (10pm-7am)
53.5	52.8	43.5

24-Hour Noise Level Measurement Summary

Date: Tuesday, August 26, 2025 *Location:* L4 - Located west of the site near the residence at 12191 *Meter:* Piccolo II *JN:* 16098

Project: Adelanto Industrial Park *Source:* Hibiscus Rd. *Analyst:* Z. Ibrahim

Hourly L_{eq} dBA Readings (unadjusted)



Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%	L_{eq}	Adj.	Adj. L_{eq}
Night	0	45.3	49.2	43.0	49.0	48.7	47.9	47.4	46.0	44.6	43.4	43.2	43.1	45.3	10.0	55.3
	1	43.7	48.7	40.5	48.3	47.8	46.8	46.0	44.2	42.9	41.7	41.4	41.0	43.7	10.0	53.7
	2	44.5	48.0	41.9	47.8	47.6	47.1	46.7	45.1	44.0	42.4	42.2	42.0	44.5	10.0	54.5
	3	42.3	46.8	39.9	46.6	46.4	45.8	45.1	42.5	41.6	40.3	40.2	40.0	42.3	10.0	52.3
	4	44.5	53.0	40.2	52.3	51.4	50.2	49.2	43.7	42.3	40.7	40.5	40.3	44.5	10.0	54.5
	5	45.7	50.5	42.0	50.3	50.0	49.3	48.6	46.4	44.7	42.7	42.4	42.1	45.7	10.0	55.7
	6	52.0	60.1	46.6	59.6	58.7	56.8	55.4	52.0	50.6	48.0	47.5	46.8	52.0	10.0	62.0
Day	7	56.0	66.2	49.3	65.9	65.4	63.3	60.1	54.2	52.4	50.2	49.8	49.4	56.0	0.0	56.0
	8	53.5	61.7	48.4	61.3	60.6	58.8	57.2	53.4	51.6	49.4	48.9	48.5	53.5	0.0	53.5
	9	54.6	64.0	48.7	63.4	62.7	60.4	58.5	54.3	51.9	49.5	49.1	48.8	54.6	0.0	54.6
	10	55.2	65.5	47.3	65.3	65.1	63.0	59.5	53.0	50.5	48.2	47.7	47.4	55.2	0.0	55.2
	11	57.1	63.6	50.9	63.1	62.6	61.7	60.8	58.4	55.9	51.5	51.3	51.0	57.1	0.0	57.1
	12	51.4	58.0	46.9	57.5	56.8	55.7	54.8	51.8	50.1	47.9	47.4	47.0	51.4	0.0	51.4
	13	53.2	61.7	46.7	61.5	61.1	59.6	58.0	52.5	50.4	47.7	47.2	46.8	53.2	0.0	53.2
	14	52.2	59.0	47.1	58.7	58.4	57.4	56.0	52.4	50.7	48.1	47.7	47.2	52.2	0.0	52.2
	15	53.7	61.5	48.5	60.6	59.9	58.3	57.2	54.1	52.1	49.5	49.1	48.7	53.7	0.0	53.7
	16	52.7	60.1	48.4	59.5	58.7	57.0	55.9	53.0	51.4	49.4	49.0	48.6	52.7	0.0	52.7
	17	56.7	69.6	49.2	68.2	66.7	62.3	60.5	55.0	53.0	50.4	50.0	49.4	56.7	0.0	56.7
	18	55.0	62.0	50.0	61.3	60.8	59.5	58.6	55.8	53.3	51.1	50.7	50.2	55.0	0.0	55.0
	19	53.7	60.6	49.8	59.6	58.7	57.0	56.3	54.2	52.9	50.8	50.4	50.0	53.7	5.0	58.7
	20	54.4	63.2	48.9	62.0	60.9	59.1	58.0	55.0	52.4	50.0	49.5	49.1	54.4	5.0	59.4
	21	53.7	62.0	48.2	61.0	60.2	58.9	57.8	53.7	51.9	49.2	48.8	48.4	53.7	5.0	58.7
Night	22	47.7	54.1	43.7	53.7	53.2	51.6	50.6	48.1	46.6	44.4	44.1	43.8	47.7	10.0	57.7
	23	44.9	50.6	41.6	50.4	50.0	49.2	48.2	45.1	43.7	42.2	42.0	41.7	44.9	10.0	54.9

Timeframe	Hour	L_{eq}	L_{max}	L_{min}	L1%	L2%	L5%	L8%	L25%	L50%	L90%	L95%	L99%
Day	Min	51.4	58.0	46.7	57.5	56.8	55.7	54.8	51.8	50.1	47.7	47.2	46.8
	Max	57.1	69.6	50.9	68.2	66.7	63.3	60.8	58.4	55.9	51.5	51.3	51.0
Energy Average		54.5	Average:		61.9	61.2	59.5	58.0	54.0	52.0	49.5	49.1	48.7
Night	Min	42.3	46.8	39.9	46.6	46.4	45.8	45.1	42.5	41.6	40.3	40.2	40.0
	Max	52.0	60.1	46.6	59.6	58.7	56.8	55.4	52.0	50.6	48.0	47.5	46.8
Energy Average		46.6	Average:		50.9	50.4	49.4	48.6	45.9	44.6	42.9	42.6	42.3

24-Hour CNEL	Leq (dBA) Daytime (7am-10pm)	Leq (dBA) Nighttime (10pm-7am)
56.2	**54.5**	**46.6**

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APPENDIX 7.1:

OFF-SITE TRAFFIC NOISE LEVEL CALCULATIONS

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FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E
Road Name: Air Expressway
Road Segment: w/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	6,300 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	630 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-5.22	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-28.08	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-21.47	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	66.0	64.1	62.3	56.3	64.9	65.5
Medium Trucks:	53.6	52.1	45.8	44.2	52.7	52.9
Heavy Trucks:	63.9	62.4	53.4	54.7	63.0	63.1
Vehicle Noise:	68.2	66.5	62.9	58.7	67.2	67.6

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	42	90	194	418
CNEL:	45	96	207	446

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E+P
Road Name: Air Expressway
Road Segment: w/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	9,979 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	998 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	85.06%
Medium Trucks:	84.8%	4.9%	10.3%	2.64%
Heavy Trucks:	86.5%	2.7%	10.8%	12.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-3.80	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-18.88	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-12.20	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	67.4	65.5	63.8	57.7	66.3	66.9
Medium Trucks:	62.8	61.3	55.0	53.4	61.9	62.1
Heavy Trucks:	73.1	71.7	62.7	63.9	72.3	72.4
Vehicle Noise:	74.5	73.0	66.6	65.2	73.6	73.8

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	111	239	514	1,108
CNEL:	115	247	533	1,147

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY
Road Name: Air Expressway
Road Segment: w/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	10,050 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,005 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-3.19	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-26.05	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-19.44	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	68.0	66.1	64.4	58.3	66.9	67.5
Medium Trucks:	55.7	54.1	47.8	46.2	54.7	54.9
Heavy Trucks:	65.9	64.5	55.4	56.7	65.0	65.2
Vehicle Noise:	70.3	68.6	65.0	60.7	69.3	69.7

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	57	123	265	571
CNEL:	61	131	283	609

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY+P
Road Name: Air Expressway
Road Segment: w/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	13,729 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,373 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	88.37%
Medium Trucks:	84.8%	4.9%	10.3%	2.06%
Heavy Trucks:	86.5%	2.7%	10.8%	9.57%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-2.25	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-18.58	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-11.90	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	69.0	67.1	65.3	59.3	67.9	68.5
Medium Trucks:	63.1	61.6	55.3	53.7	62.2	62.4
Heavy Trucks:	73.4	72.0	63.0	64.2	72.6	72.7
Vehicle Noise:	75.1	73.5	67.6	65.7	74.1	74.4

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	121	260	561	1,208
CNEL:	126	270	583	1,255

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E
Road Name: Air Expressway
Road Segment: e/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	7,540 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	754 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-4.44	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-27.30	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-20.69	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	66.8	64.9	63.1	57.1	65.7	66.3
Medium Trucks:	54.4	52.9	46.5	45.0	53.5	53.7
Heavy Trucks:	64.7	63.2	54.2	55.4	63.8	63.9
Vehicle Noise:	69.0	67.3	63.7	59.5	68.0	68.4

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	47	102	219	471
CNEL:	50	108	233	503

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E+P
Road Name: Air Expressway
Road Segment: e/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	9,616 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	962 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	90.97%
Medium Trucks:	84.8%	4.9%	10.3%	1.60%
Heavy Trucks:	86.5%	2.7%	10.8%	7.43%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-3.67	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-21.21	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-14.55	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	67.6	65.7	63.9	57.8	66.5	67.1
Medium Trucks:	60.5	59.0	52.6	51.1	59.5	59.8
Heavy Trucks:	70.8	69.4	60.3	61.6	69.9	70.1
Vehicle Noise:	72.7	71.2	65.7	63.4	71.8	72.1

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	85	182	393	846
CNEL:	88	190	410	882

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY
Road Name: Air Expressway
Road Segment: e/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	12,540 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,254 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-2.23	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-25.09	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-18.48	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	69.0	67.1	65.3	59.3	67.9	68.5
Medium Trucks:	56.6	55.1	48.7	47.2	55.7	55.9
Heavy Trucks:	66.9	65.4	56.4	57.7	66.0	66.1
Vehicle Noise:	71.2	69.5	65.9	61.7	70.2	70.6

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	66	143	307	662
CNEL:	71	152	327	706

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY+P
Road Name: Air Expressway
Road Segment: e/o Adelanto Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	14,616 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,462 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	93.10%
Medium Trucks:	84.8%	4.9%	10.3%	1.23%
Heavy Trucks:	86.5%	2.7%	10.8%	5.68%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-1.75	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-20.56	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-13.90	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	69.5	67.6	65.8	59.8	68.4	69.0
Medium Trucks:	61.1	59.6	53.3	51.7	60.2	60.4
Heavy Trucks:	71.4	70.0	61.0	62.2	70.6	70.7
Vehicle Noise:	73.8	72.2	67.2	64.4	72.9	73.2

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	99	214	462	995
CNEL:	104	225	484	1,043

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E
Road Name: Air Expressway
Road Segment: e/o Gateway Dr.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	7,900 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	790 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-4.23	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-27.10	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-20.49	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	67.0	65.1	63.3	57.3	65.9	66.5
Medium Trucks:	54.6	53.1	46.7	45.2	53.7	53.9
Heavy Trucks:	64.9	63.4	54.4	55.6	64.0	64.1
Vehicle Noise:	69.2	67.5	63.9	59.7	68.2	68.6

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	49	105	226	486
CNEL:	52	112	241	518

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E+P
Road Name: Air Expressway
Road Segment: e/o Gateway Dr.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	9,339 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	934 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	92.35%
Medium Trucks:	84.8%	4.9%	10.3%	1.36%
Heavy Trucks:	86.5%	2.7%	10.8%	6.29%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-3.73	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-22.06	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-15.40	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	67.5	65.6	63.8	57.8	66.4	67.0
Medium Trucks:	59.6	58.1	51.8	50.2	58.7	58.9
Heavy Trucks:	69.9	68.5	59.5	60.7	69.1	69.2
Vehicle Noise:	72.2	70.6	65.4	62.8	71.2	71.5

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	77	166	358	771
CNEL:	81	174	374	807

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY
Road Name: Air Expressway
Road Segment: e/o Gateway Dr.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	12,550 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,255 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-2.22	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-25.08	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-18.48	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	69.0	67.1	65.3	59.3	67.9	68.5
Medium Trucks:	56.6	55.1	48.7	47.2	55.7	55.9
Heavy Trucks:	66.9	65.4	56.4	57.7	66.0	66.1
Vehicle Noise:	71.2	69.5	65.9	61.7	70.2	70.6

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	66	143	307	662
CNEL:	71	152	328	706

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY+P
Road Name: Air Expressway
Road Segment: e/o Gateway Dr.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	13,988 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,399 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	93.96%
Medium Trucks:	84.8%	4.9%	10.3%	1.07%
Heavy Trucks:	86.5%	2.7%	10.8%	4.97%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-1.90	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-21.32	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-14.67	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	69.3	67.4	65.7	59.6	68.2	68.8
Medium Trucks:	60.4	58.9	52.5	51.0	59.4	59.7
Heavy Trucks:	70.7	69.3	60.2	61.5	69.8	69.9
Vehicle Noise:	73.3	71.7	66.9	63.9	72.3	72.7

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	92	197	425	916
CNEL:	96	207	447	962

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E
Road Name: Air Expressway
Road Segment: e/o Emerald Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	7,720 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	772 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-4.33	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-27.20	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-20.59	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	66.9	65.0	63.2	57.2	65.8	66.4
Medium Trucks:	54.5	53.0	46.6	45.1	53.6	53.8
Heavy Trucks:	64.8	63.3	54.3	55.5	63.9	64.0
Vehicle Noise:	69.1	67.4	63.8	59.6	68.1	68.5

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	48	103	222	479
CNEL:	51	110	237	511

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E+P
Road Name: Air Expressway
Road Segment: e/o Emerald Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	10,742 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,074 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	91.87%
Medium Trucks:	84.8%	4.9%	10.3%	1.44%
Heavy Trucks:	86.5%	2.7%	10.8%	6.69%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-3.14	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-21.19	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-14.52	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	68.1	66.2	64.4	58.4	67.0	67.6
Medium Trucks:	60.5	59.0	52.6	51.1	59.6	59.8
Heavy Trucks:	70.8	69.4	60.4	61.6	70.0	70.1
Vehicle Noise:	72.9	71.4	66.1	63.5	72.0	72.3

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	87	187	403	869
CNEL:	91	196	422	908

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY
Road Name: Air Expressway
Road Segment: e/o Emerald Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	12,340 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,234 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-2.30	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-25.16	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-18.55	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	68.9	67.0	65.3	59.2	67.8	68.4
Medium Trucks:	56.5	55.0	48.7	47.1	55.6	55.8
Heavy Trucks:	66.8	65.4	56.3	57.6	65.9	66.1
Vehicle Noise:	71.1	69.4	65.9	61.6	70.1	70.6

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	65	141	304	655
CNEL:	70	150	324	698

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY+P
Road Name: Air Expressway
Road Segment: e/o Emerald Rd.

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	15,362 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	1,536 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	93.47%
Medium Trucks:	84.8%	4.9%	10.3%	1.16%
Heavy Trucks:	86.5%	2.7%	10.8%	5.37%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-1.52	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-20.58	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-13.92	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	69.7	67.8	66.0	60.0	68.6	69.2
Medium Trucks:	61.1	59.6	53.3	51.7	60.2	60.4
Heavy Trucks:	71.4	70.0	61.0	62.2	70.6	70.7
Vehicle Noise:	73.9	72.3	67.4	64.5	72.9	73.3

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	101	217	467	1,005
CNEL:	106	227	490	1,055

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E
Road Name: Air Expressway
Road Segment: e/o Phantom West

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	5,460 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	546 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-5.84	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-28.70	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-22.09	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	65.4	63.5	61.7	55.7	64.3	64.9
Medium Trucks:	53.0	51.5	45.1	43.6	52.0	52.3
Heavy Trucks:	63.2	61.8	52.8	54.0	62.4	62.5
Vehicle Noise:	67.6	65.9	62.3	58.1	66.6	67.0

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	38	82	176	380
CNEL:	41	87	188	405

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E+P
Road Name: Air Expressway
Road Segment: e/o Phantom West

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	8,811 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	881 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	87.08%
Medium Trucks:	84.8%	4.9%	10.3%	2.29%
Heavy Trucks:	86.5%	2.7%	10.8%	10.64%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-4.24	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-20.04	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-13.37	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	67.0	65.1	63.3	57.3	65.9	66.5
Medium Trucks:	61.7	60.1	53.8	52.2	60.7	60.9
Heavy Trucks:	72.0	70.6	61.5	62.8	71.1	71.2
Vehicle Noise:	73.5	71.9	65.8	64.1	72.6	72.8

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	95	204	440	947
CNEL:	98	212	456	983

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY
Road Name: Air Expressway
Road Segment: e/o Phantom West

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	6,430 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	643 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-5.13	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-27.99	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-21.38	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	66.1	64.2	62.4	56.4	65.0	65.6
Medium Trucks:	53.7	52.2	45.8	44.3	52.8	53.0
Heavy Trucks:	64.0	62.5	53.5	54.8	63.1	63.2
Vehicle Noise:	68.3	66.6	63.0	58.8	67.3	67.7

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	42	91	197	424
CNEL:	45	97	210	452

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY+P
Road Name: Air Expressway
Road Segment: e/o Phantom West

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	9,780 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	978 vehicles
Vehicle Speed:	60 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	88.08%
Medium Trucks:	84.8%	4.9%	10.3%	2.11%
Heavy Trucks:	86.5%	2.7%	10.8%	9.81%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	73.22	-3.73	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	83.68	-19.94	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	87.33	-13.27	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	67.5	65.6	63.8	57.8	66.4	67.0
Medium Trucks:	61.8	60.3	53.9	52.3	60.8	61.0
Heavy Trucks:	72.1	70.7	61.6	62.9	71.2	71.3
Vehicle Noise:	73.7	72.1	66.1	64.3	72.7	73.0

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	98	210	453	975
CNEL:	101	218	470	1,013

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E
Road Name: Adelanto Rd.
Road Segment: n/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	960 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	96 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-11.63	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-34.49	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-27.88	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	52.9	51.0	49.2	43.2	51.8	52.4
Medium Trucks:	41.2	39.7	33.4	31.8	40.3	40.5
Heavy Trucks:	53.1	51.7	42.7	43.9	52.3	52.4
Vehicle Noise:	56.2	54.5	50.2	46.7	55.2	55.5

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	7	14	31	66
CNEL:	7	15	32	70

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E+P
Road Name: Adelanto Rd.
Road Segment: n/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	960 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	96 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-11.63	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-34.49	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-27.88	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	52.9	51.0	49.2	43.2	51.8	52.4
Medium Trucks:	41.2	39.7	33.4	31.8	40.3	40.5
Heavy Trucks:	53.1	51.7	42.7	43.9	52.3	52.4
Vehicle Noise:	56.2	54.5	50.2	46.7	55.2	55.5

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	7	14	31	66
CNEL:	7	15	32	70

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY
Road Name: Adelanto Rd.
Road Segment: n/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	1,790 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	179 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-8.92	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-31.78	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-25.17	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	55.6	53.7	51.9	45.9	54.5	55.1
Medium Trucks:	44.0	42.4	36.1	34.5	43.0	43.2
Heavy Trucks:	55.8	54.4	45.4	46.6	55.0	55.1
Vehicle Noise:	58.9	57.2	52.9	49.4	57.9	58.3

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	10	22	46	100
CNEL:	11	23	49	105

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY+P
Road Name: Adelanto Rd.
Road Segment: n/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	1,790 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	179 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-8.92	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-31.78	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-25.17	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	55.6	53.7	51.9	45.9	54.5	55.1
Medium Trucks:	44.0	42.4	36.1	34.5	43.0	43.2
Heavy Trucks:	55.8	54.4	45.4	46.6	55.0	55.1
Vehicle Noise:	58.9	57.2	52.9	49.4	57.9	58.3

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	10	22	46	100
CNEL:	11	23	49	105

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E
Road Name: Adelanto Rd.
Road Segment: s/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	2,230 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	223 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-7.97	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-30.83	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-24.22	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	56.5	54.6	52.9	46.8	55.4	56.1
Medium Trucks:	44.9	43.4	37.0	35.5	44.0	44.2
Heavy Trucks:	56.8	55.4	46.3	47.6	55.9	56.1
Vehicle Noise:	59.8	58.2	53.8	50.4	58.9	59.2

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	12	25	54	116
CNEL:	12	26	57	122

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: E+P
Road Name: Adelanto Rd.
Road Segment: s/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	3,833 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	383 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	81.23%
Medium Trucks:	84.8%	4.9%	10.3%	3.32%
Heavy Trucks:	86.5%	2.7%	10.8%	15.45%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-6.39	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-20.28	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-13.60	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	58.1	56.2	54.5	48.4	57.0	57.6
Medium Trucks:	55.5	53.9	47.6	46.0	54.5	54.7
Heavy Trucks:	67.4	66.0	57.0	58.2	66.6	66.7
Vehicle Noise:	68.1	66.7	59.2	58.9	67.3	67.4

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	42	90	195	420
CNEL:	43	93	200	431

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY
Road Name: Adelanto Rd.
Road Segment: s/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	3,470 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	347 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	97.19%
Medium Trucks:	84.8%	4.9%	10.3%	0.50%
Heavy Trucks:	86.5%	2.7%	10.8%	2.30%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-6.05	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-28.91	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-22.30	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	58.5	56.6	54.8	48.7	57.4	58.0
Medium Trucks:	46.8	45.3	39.0	37.4	45.9	46.1
Heavy Trucks:	58.7	57.3	48.3	49.5	57.9	58.0
Vehicle Noise:	61.7	60.1	55.8	52.3	60.8	61.1

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	16	33	72	155
CNEL:	16	35	76	164

FHWA-RD-77-108 HIGHWAY NOISE PREDICTION MODEL (9/12/2021)

Scenario: FY+P
Road Name: Adelanto Rd.
Road Segment: s/o Air Expressway

Project Name: Adelanto Industrial Park
Job Number: 16098

SITE SPECIFIC INPUT DATA

Highway Data

Average Daily Traffic (Adt):	5,073 vehicles
Peak Hour Percentage:	10.00%
Peak Hour Volume:	507 vehicles
Vehicle Speed:	40 mph
Near/Far Lane Distance:	64 feet

Site Data

Barrier Height:	**0.0 feet**
Barrier Type (0-Wall, 1-Berm):	0.0
Centerline Dist. to Barrier:	64.0 feet
Centerline Dist. to Observer:	64.0 feet
Barrier Distance to Observer:	0.0 feet
Observer Height (Above Pad):	5.0 feet
Pad Elevation:	0.0 feet
Road Elevation:	0.0 feet
Road Grade:	0.0%
Left View:	-90.0 degrees
Right View:	90.0 degrees

NOISE MODEL INPUTS

Site Conditions (Hard = 10, Soft = 15)

Autos:	15
Medium Trucks (2 Axles):	15
Heavy Trucks (3+ Axles):	15

Vehicle Mix

VehicleType	*Day*	*Evening*	*Night*	*Daily*
Autos:	77.5%	12.9%	9.6%	85.13%
Medium Trucks:	84.8%	4.9%	10.3%	2.63%
Heavy Trucks:	86.5%	2.7%	10.8%	12.24%

Noise Source Elevations (in feet)

Autos:	0.000		
Medium Trucks:	2.297		
Heavy Trucks:	8.004	*Grade Adjustment:*	0.0

Lane Equivalent Distance (in feet)

Autos:	55.651
Medium Trucks:	55.491
Heavy Trucks:	55.507

FHWA Noise Model Calculations

VehicleType	*REMEL*	*Traffic Flow*	*Distance*	*Finite Road*	*Fresnel*	*Barrier Atten*	*Berm Atten*
Autos:	66.51	-4.97	-0.80	-1.20	*-4.70*	0.000	0.000
Medium Trucks:	77.72	-20.07	-0.78	-1.20	*-4.88*	0.000	0.000
Heavy Trucks:	82.99	-13.40	-0.78	-1.20	*-5.31*	0.000	0.000

Unmitigated Noise Levels (without Topo and barrier attenuation)

VehicleType	*Leq Peak Hour*	*Leq Day*	*Leq Evening*	*Leq Night*	*Ldn*	*CNEL*
Autos:	59.5	57.6	55.9	49.8	58.4	59.0
Medium Trucks:	55.7	54.2	47.8	46.2	54.7	54.9
Heavy Trucks:	67.6	66.2	57.2	58.4	66.8	66.9
Vehicle Noise:	68.5	67.0	59.9	59.2	67.6	67.8

Centerline Distance to Noise Contour (in feet)

	70 dBA	*65 dBA*	*60 dBA*	*55 dBA*
Ldn:	44	95	205	442
CNEL:	46	98	211	455

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APPENDIX 9.1:

CADNAA OPERATIONAL NOISE CALCULATIONS

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16098 - Adelanto Industrial Park

CadnaA Noise Prediction Model: 16098-02_Operation.cna
Date: 24.09.25
Analyst: B. Maddux

Calculation Configuration

Configuration	
Parameter	**Value**
General	
Max. Error (dB)	**0.00**
Max. Search Radius (ft)	**6561.70**
Min. Dist Src to Rcvr	**0.00**
Partition	
Raster Factor	**0.50**
Max. Length of Section (ft)	**3280.80**
Min. Length of Section (ft)	**3.30**
Min. Length of Section (%)	**0.00**
Proj. Line Sources	**On**
Proj. Area Sources	**On**
Ref. Time	
Daytime Penalty (dB)	**0.00**
Recr. Time Penalty (dB)	**5.00**
Night-time Penalty (dB)	**10.00**
DTM	
Standard Height (m)	**0.00**
Model of Terrain	**Triangulation**
Reflection	
max. Order of Reflection	**2**
Search Radius Src	**328.08**
Search Radius Rcvr	**328.08**
Max. Distance Source - Rcvr	**3280.84 3280.84**
Min. Distance Rvcr - Reflector	**3.28 3.28**
Min. Distance Source - Reflector	**0.33**
Industrial (ISO 9613 (1996))	
Lateral Diffraction	**some Obj**
Obst. within Area Src do not shield	**On**
Screening	**Incl. Ground Att. over Barrier**
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	**3.0 20.0 0.0**
Temperature (°F)	**50**
rel. Humidity (%)	**70**
Ground Absorption G	**0.66**
Wind Speed for Dir. (mph)	**6.7**
Roads (TNM)	
Railways (FTA/FRA)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver Noise Levels

Name	M.	ID	Level Lr			Limit. Value			Land Use			Height		Coordinates			
			Day	Night	CNEL	Day	Night	CNEL	Type	Auto	Noise Type			X	Y	Z	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(ft)		(ft)	(ft)	(ft)	
R1		R1	36.8	36.1	42.8	0.0	0.0	0.0		x	Total	5.00	r	7494034.47	954587.64	5.00	
R2		R2	44.5	43.7	50.4	0.0	0.0	0.0		x	Total	5.00	r	7496124.19	954017.70	5.00	
R3		R3	46.4	44.8	51.5	0.0	0.0	0.0		x	Total	5.00	r	7504632.00	951996.00	5.00	
R4		R4	45.5	44.1	50.8	0.0	0.0	0.0		x	Total	5.00	r	7496556.41	951566.07	5.00	

Point Source(s)

Name	M.	ID	Result. PWL			Lw / Li			Operating Time			Height		Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Special	Night			X	Y	Z
			(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	(ft)		(ft)	(ft)	(ft)
AC01		AC01	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496164.45	952835.59	55.00
AC02		AC02	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496165.76	952800.44	55.00
AC03		AC03	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496181.38	952385.07	55.00
AC04		AC04	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496182.68	952351.22	55.00
AC05		AC05	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496729.56	953305.65	55.00
AC06		AC06	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496782.94	953306.95	55.00
AC07		AC07	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496762.11	952567.36	55.00
AC08		AC08	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7496810.29	952566.06	55.00
AC09		AC09	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498237.37	953361.64	55.00
AC10		AC10	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498290.76	953364.24	55.00
AC11		AC11	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498264.71	952624.66	55.00
AC12		AC12	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498320.70	952628.56	55.00
AC13		AC13	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498911.85	953392.89	55.00
AC14		AC14	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498952.21	953394.19	55.00
AC15		AC15	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7500980.86	953477.52	55.00
AC16		AC16	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501026.43	953477.52	55.00

Name	M.	ID	Result. PWL			Lw / Li			Operating Time			Height		Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Special	Night			X	Y	Z
			(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	(ft)		(ft)	(ft)	(ft)
AC17		AC17	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501055.08	952741.84	55.00
AC18		AC18	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501008.20	952735.33	55.00
AC19		AC19	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498988.67	952655.91	55.00
AC20		AC20	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498941.80	952654.60	55.00
AC21		AC21	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7498982.16	952012.68	55.00
AC22		AC22	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7499036.85	952015.28	55.00
AC23		AC23	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7499008.20	951357.73	55.00
AC24		AC24	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7499064.19	951360.33	55.00
AC25		AC25	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501021.22	952092.10	55.00
AC26		AC26	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501072.01	952093.41	55.00
AC27		AC27	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501045.96	951434.55	55.00
AC28		AC28	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501099.35	951437.16	55.00
AC29		AC29	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501633.20	953265.28	55.00
AC30		AC30	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501683.98	953266.58	55.00
AC31		AC31	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501663.15	952528.30	55.00
AC32		AC32	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501711.33	952528.30	55.00
AC33		AC33	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503660.55	953343.41	55.00
AC34		AC34	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503708.72	953347.31	55.00
AC35		AC35	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503690.50	952607.73	55.00
AC36		AC36	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503739.97	952609.03	55.00
AC37		AC37	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503657.94	951937.16	55.00
AC38		AC38	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503707.42	951937.16	55.00
AC39		AC39	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501689.19	951859.03	55.00
AC40		AC40	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501738.67	951861.64	55.00
AC41		AC41	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501712.63	951163.72	55.00
AC42		AC42	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501759.51	951171.53	55.00
AC43		AC43	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503683.98	951247.05	55.00
AC44		AC44	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503736.07	951249.66	55.00
AC45		AC45	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503699.61	950814.76	55.00
AC46		AC46	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503751.69	950814.76	55.00
AC47		AC47	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503728.26	950153.30	55.00
AC48		AC48	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7503777.73	950153.30	55.00
AC49		AC49	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501756.90	950082.99	55.00
AC50		AC50	88.9	88.9	88.9	Lw	88.9		585.00	0.00	252.00	5.00	g	7501806.38	950080.39	55.00
TRASH01		TRASH01	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7496427.47	952855.13	8.00
TRASH02		TRASH02	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7496443.10	952489.24	8.00
TRASH03		TRASH03	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7496831.12	953308.25	8.00
TRASH04		TRASH04	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7496862.37	952563.46	8.00
TRASH05		TRASH05	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7498189.19	953361.64	8.00
TRASH06		TRASH06	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7498220.44	952618.15	8.00
TRASH07		TRASH07	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7500939.19	953471.01	8.00
TRASH08		TRASH08	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7500967.84	952727.52	8.00
TRASH09		TRASH09	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7499027.73	952650.70	8.00
TRASH10		TRASH10	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7499000.39	953395.49	8.00
TRASH11		TRASH11	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7499088.93	952017.89	8.00
TRASH12		TRASH12	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7500970.44	952094.71	8.00
TRASH13		TRASH13	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7500996.48	951431.95	8.00
TRASH14		TRASH14	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7499116.28	951355.13	8.00
TRASH15		TRASH15	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7503613.67	953346.01	8.00
TRASH16		TRASH16	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7503643.62	952601.22	8.00
TRASH17		TRASH17	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7501763.41	952524.40	8.00
TRASH18		TRASH18	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7501732.16	953271.79	8.00
TRASH19		TRASH19	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7501788.15	951864.24	8.00
TRASH20		TRASH20	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7503611.07	951931.95	8.00
TRASH21		TRASH21	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7503639.71	951239.24	8.00
TRASH22		TRASH22	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7501816.80	951166.32	8.00
TRASH23		TRASH23	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7501835.03	950736.64	8.00
TRASH24		TRASH24	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7503652.73	950809.55	8.00
TRASH25		TRASH25	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7503681.38	950150.70	8.00
TRASH26		TRASH26	89.0	89.0	89.0	Lw	89		150.00	0.00	90.00	8.00	r	7501858.46	950072.57	8.00

Line Source(s)

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Operating Time			Moving Pt. Src				Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	Number			Speed		
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	Day	Evening	Night	(mph)	(ft)	
TRUCK01		TRUCK01	99.5	-24.8	97.3	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK02		TRUCK02	103.6	-20.7	101.4	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK03		TRUCK03	104.0	-20.3	101.8	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK04		TRUCK04	105.6	-18.7	103.4	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK05		TRUCK05	103.9	-20.4	101.7	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK06		TRUCK06	106.1	-18.2	103.9	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK07		TRUCK07	104.0	-20.3	101.8	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK08		TRUCK08	106.7	-17.6	104.5	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK09		TRUCK09	104.5	-19.8	102.3	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK10		TRUCK10	104.5	-19.8	102.3	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK11		TRUCK11	104.5	-19.8	102.3	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Operating Time			Moving Pt. Src				Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	Number			Speed		
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	Day	Evening	Night	(mph)	(ft)	
TRUCK12		TRUCK12	104.5	-19.8	102.3	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK13		TRUCK13	103.6	-20.7	101.4	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK14		TRUCK14	103.2	-21.1	101.0	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK15		TRUCK15	103.2	-21.1	101.0	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK16		TRUCK16	99.6	-24.7	97.4	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK17		TRUCK17	93.5	-30.8	91.3	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK18		TRUCK18	100.8	-23.4	98.6	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK19		TRUCK19	108.0	-16.3	105.8	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK20		TRUCK20	106.0	-18.3	103.8	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r
TRUCK21		TRUCK21	104.0	-20.3	101.8	75.4	-48.9	73.2	PWL-Pt	93.2		900.00	0.00	540.00	269.0	0.0	162.0	10.0	8	r

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
TRUCK01	TRUCK01	8.00	r			7501858.41	950021.74	8.00	0.00
						7501882.55	949879.29	8.00	0.00
						7502558.94	950050.06	8.00	0.00
TRUCK02	TRUCK02	8.00	r			7501824.78	950951.74	8.00	0.00
						7501843.49	950793.35	8.00	0.00
						7503663.80	950868.87	8.00	0.00
						7503853.90	950902.73	8.00	0.00
TRUCK03	TRUCK03	8.00	r			7501824.78	950951.74	8.00	0.00
						7501822.65	951121.48	8.00	0.00
						7503830.47	951189.19	8.00	0.00
						7503827.86	951027.73	8.00	0.00
TRUCK04	TRUCK04	8.00	r			7501301.82	951900.12	8.00	0.00
						7503833.07	952006.89	8.00	0.00
						7503872.13	951212.62	8.00	0.00
						7503830.47	951189.19	8.00	0.00
TRUCK05	TRUCK05	8.00	r			7501789.14	951920.68	8.00	0.00
						7501788.80	952064.19	8.00	0.00
						7503820.05	952137.10	8.00	0.00
						7503833.07	952006.89	8.00	0.00
TRUCK06	TRUCK06	8.00	r			7501280.99	952431.37	8.00	0.00
						7503820.05	952532.94	8.00	0.00
						7503765.36	953840.23	8.00	0.00
TRUCK07	TRUCK07	8.00	r			7501775.30	952451.15	8.00	0.00
						7501783.59	952285.54	8.00	0.00
						7503820.05	952371.48	8.00	0.00
						7503820.05	952532.94	8.00	0.00
TRUCK08	TRUCK08	8.00	r			7503077.86	953795.96	8.00	0.00
						7503093.49	953574.60	8.00	0.00
						7501723.69	953519.92	8.00	0.00
						7501734.11	953332.42	8.00	0.00
						7503606.51	953407.94	8.00	0.00
						7503596.09	953598.04	8.00	0.00
						7503090.88	953577.21	8.00	0.00
TRUCK09	TRUCK09	8.00	r			7501236.72	953548.56	8.00	0.00
						7498562.24	953439.19	8.00	0.00
TRUCK10	TRUCK10	8.00	r			7498606.51	952585.02	8.00	0.00
						7501267.97	952686.58	8.00	0.00
TRUCK11	TRUCK11	8.00	r			7501288.80	952165.75	8.00	0.00
						7498624.74	952066.79	8.00	0.00
TRUCK12	TRUCK12	8.00	r			7498674.22	951288.14	8.00	0.00
						7501322.65	951392.31	8.00	0.00
TRUCK13	TRUCK13	8.00	r			7499121.54	951305.74	8.00	0.00
						7499124.74	951170.96	8.00	0.00
						7501002.34	951251.69	8.00	0.00
						7501001.71	951379.69	8.00	0.00
TRUCK14	TRUCK14	8.00	r			7498606.51	952585.02	8.00	0.00
						7496640.36	952504.29	8.00	0.00
TRUCK15	TRUCK15	8.00	r			7498562.24	953439.19	8.00	0.00
						7496590.88	953358.46	8.00	0.00
TRUCK16	TRUCK16	8.00	r			7496590.88	953358.46	8.00	0.00
						7496640.36	952504.29	8.00	0.00
TRUCK17	TRUCK17	8.00	r			7496640.36	952504.29	8.00	0.00
						7496622.13	952295.96	8.00	0.00
TRUCK18	TRUCK18	8.00	r			7496626.76	952348.87	8.00	0.00
						7496551.82	952368.87	8.00	0.00
						7496520.57	952410.54	8.00	0.00
						7496507.55	952478.25	8.00	0.00
						7496491.92	952894.92	8.00	0.00
						7495965.88	952868.87	8.00	0.00
TRUCK19	TRUCK19	8.00	r			7501412.45	950002.38	8.00	0.00
						7503874.74	950103.25	8.00	0.00
						7503913.80	950126.69	8.00	0.00
						7503911.19	950243.87	8.00	0.00

Name	ID	Height			Coordinates			
		Begin		End	x	y	z	Ground
		(ft)		(ft)	(ft)	(ft)	(ft)	(ft)
					7503882.55	950863.67	8.00	0.00
					7503853.90	950902.73	8.00	0.00
					7503835.67	950962.62	8.00	0.00
					7503827.86	951027.73	8.00	0.00
					7501356.51	950933.98	8.00	0.00
TRUCK20	TRUCK20	8.00	r		7501412.45	950002.38	8.00	0.00
					7501356.51	950933.98	8.00	0.00
					7501322.65	951392.31	8.00	0.00
					7501301.82	951900.12	8.00	0.00
					7501280.99	952431.37	8.00	0.00
					7501267.97	952686.58	8.00	0.00
					7501236.72	953548.56	8.00	0.00
					7501230.60	953759.54	8.00	0.00
TRUCK21	TRUCK21	8.00	r		7498674.22	951288.14	8.00	0.00
					7498624.74	952066.79	8.00	0.00
					7498606.51	952585.02	8.00	0.00
					7498562.24	953439.19	8.00	0.00
					7498544.48	953646.87	8.00	0.00

Area Source(s)

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
TPARK01		TPARK01	94.4	94.4	94.4	61.6	61.6	61.6	Lw	94.4					8	r
TPARK02		TPARK02	94.4	94.4	94.4	55.6	55.6	55.6	Lw	94.4					8	r
TPARK03		TPARK03	94.4	94.4	94.4	66.7	66.7	66.7	Lw	94.4					8	r
TPARK04		TPARK04	94.4	94.4	94.4	57.1	57.1	57.1	Lw	94.4					8	r
TPARK05		TPARK05	94.4	94.4	94.4	54.7	54.7	54.7	Lw	94.4					8	r
TPARK06		TPARK06	94.4	94.4	94.4	51.5	51.5	51.5	Lw	94.4					8	r
TPARK07		TPARK07	94.4	94.4	94.4	54.9	54.9	54.9	Lw	94.4					8	r
TPARK08		TPARK08	94.4	94.4	94.4	56.0	56.0	56.0	Lw	94.4					8	r
TPARK09		TPARK09	94.4	94.4	94.4	51.9	51.9	51.9	Lw	94.4					8	r
TPARK10		TPARK10	94.4	94.4	94.4	60.8	60.8	60.8	Lw	94.4					8	r
TPARK11		TPARK11	94.4	94.4	94.4	51.5	51.5	51.5	Lw	94.4					8	r
TPARK12		TPARK12	94.4	94.4	94.4	54.7	54.7	54.7	Lw	94.4					8	r
TPARK13		TPARK13	94.4	94.4	94.4	54.6	54.6	54.6	Lw	94.4					8	r
TPARK14		TPARK14	94.4	94.4	94.4	54.5	54.5	54.5	Lw	94.4					8	r
TPARK15		TPARK15	94.4	94.4	94.4	54.7	54.7	54.7	Lw	94.4					8	r
TPARK16		TPARK16	94.4	94.4	94.4	54.7	54.7	54.7	Lw	94.4					8	r
TPARK17		TPARK17	94.4	94.4	94.4	55.6	55.6	55.6	Lw	94.4					8	r
TPARK18		TPARK18	94.4	94.4	94.4	55.2	55.2	55.2	Lw	94.4					8	r
TPARK19		TPARK19	94.4	94.4	94.4	66.5	66.5	66.5	Lw	94.4					8	r
TPARK20		TPARK20	94.4	94.4	94.4	56.3	56.3	56.3	Lw	94.4					8	r
COLD01		COLD01	103.4	103.4	103.4	67.3	67.3	67.3	Lw	103.4					8	r
COLD02		COLD02	103.4	103.4	103.4	61.6	61.6	61.6	Lw	103.4					8	r
COLD03		COLD03	111.5	111.5	111.5	69.5	69.5	69.5	Lw	111.5					8	r
COLD04		COLD04	111.5	111.5	111.5	68.0	68.0	68.0	Lw	111.5					8	r
COLD05		COLD05	111.5	111.5	111.5	68.0	68.0	68.0	Lw	111.5					8	r
COLD06		COLD06	103.4	103.4	103.4	60.0	60.0	60.0	Lw	103.4					8	r
COLD07		COLD07	111.5	111.5	111.5	67.9	67.9	67.9	Lw	111.5					8	r
COLD08		COLD08	111.5	111.5	111.5	67.6	67.6	67.6	Lw	111.5					8	r
COLD09		COLD09	111.5	111.5	111.5	67.7	67.7	67.7	Lw	111.5					8	r
COLD10		COLD10	111.5	111.5	111.5	66.6	66.6	66.6	Lw	111.5					8	r
COLD11		COLD11	111.5	111.5	111.5	68.0	68.0	68.0	Lw	111.5					8	r
COLD12		COLD12	111.5	111.5	111.5	67.9	67.9	67.9	Lw	111.5					8	r
COLD13		COLD13	111.5	111.5	111.5	69.4	69.4	69.4	Lw	111.5					8	r
PARK001		PARK001	84.2	84.2	84.2	65.4	65.4	65.4	Lw	84.2					5	r
PARK002		PARK002	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK003		PARK003	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK004		PARK004	84.2	84.2	84.2	66.1	66.1	66.1	Lw	84.2					5	r
PARK005		PARK005	84.2	84.2	84.2	68.3	68.3	68.3	Lw	84.2					5	r
PARK006		PARK006	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK007		PARK007	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK008		PARK008	84.2	84.2	84.2	64.8	64.8	64.8	Lw	84.2					5	r
PARK009		PARK009	84.2	84.2	84.2	70.5	70.5	70.5	Lw	84.2					5	r
PARK010		PARK010	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK011		PARK011	84.2	84.2	84.2	64.2	64.2	64.2	Lw	84.2					5	r
PARK012		PARK012	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK013		PARK013	84.2	84.2	84.2	67.9	67.9	67.9	Lw	84.2					5	r
PARK014		PARK014	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK015		PARK015	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK016		PARK016	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK017		PARK017	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK018		PARK018	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK019		PARK019	84.2	84.2	84.2	64.0	64.0	64.0	Lw	84.2					5	r
PARK020		PARK020	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
PARK021		PARK021	84.2	84.2	84.2	65.3	65.3	65.3	Lw	84.2					5	r
PARK022		PARK022	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK023		PARK023	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK024		PARK024	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK025		PARK025	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK026		PARK026	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK027		PARK027	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK028		PARK028	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK029		PARK029	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK030		PARK030	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK031		PARK031	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK032		PARK032	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK033		PARK033	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK034		PARK034	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK035		PARK035	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK036		PARK036	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK037		PARK037	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK038		PARK038	84.2	84.2	84.2	64.0	64.0	64.0	Lw	84.2					5	r
PARK039		PARK039	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK040		PARK040	84.2	84.2	84.2	61.4	61.4	61.4	Lw	84.2					5	r
PARK041		PARK041	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK042		PARK042	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK043		PARK043	84.2	84.2	84.2	64.0	64.0	64.0	Lw	84.2					5	r
PARK044		PARK044	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK045		PARK045	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK046		PARK046	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK047		PARK047	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK048		PARK048	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK049		PARK049	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK050		PARK050	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK051		PARK051	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK052		PARK052	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK053		PARK053	84.2	84.2	84.2	64.0	64.0	64.0	Lw	84.2					5	r
PARK054		PARK054	84.2	84.2	84.2	63.9	63.9	63.9	Lw	84.2					5	r
PARK055		PARK055	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK056		PARK056	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK057		PARK057	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK058		PARK058	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK059		PARK059	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK060		PARK060	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK061		PARK061	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK062		PARK062	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK063		PARK063	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK064		PARK064	84.2	84.2	84.2	63.6	63.6	63.6	Lw	84.2					5	r
PARK065		PARK065	84.2	84.2	84.2	66.7	66.7	66.7	Lw	84.2					5	r
PARK066		PARK066	84.2	84.2	84.2	66.7	66.7	66.7	Lw	84.2					5	r
PARK067		PARK067	84.2	84.2	84.2	66.7	66.7	66.7	Lw	84.2					5	r
PARK068		PARK068	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK069		PARK069	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK070		PARK070	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK071		PARK071	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK072		PARK072	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK073		PARK073	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK074		PARK074	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK075		PARK075	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK076		PARK076	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK077		PARK077	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK078		PARK078	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK079		PARK079	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK080		PARK080	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK081		PARK081	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK082		PARK082	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK083		PARK083	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK084		PARK084	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK085		PARK085	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK086		PARK086	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK087		PARK087	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK088		PARK088	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK089		PARK089	84.2	84.2	84.2	64.0	64.0	64.0	Lw	84.2					5	r
PARK090		PARK090	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK091		PARK091	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK092		PARK092	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r
PARK093		PARK093	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r
PARK094		PARK094	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r
PARK095		PARK095	84.2	84.2	84.2	61.3	61.3	61.3	Lw	84.2					5	r
PARK096		PARK096	84.2	84.2	84.2	61.3	61.3	61.3	Lw	84.2					5	r
PARK097		PARK097	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
PARK098		PARK098	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK099		PARK099	84.2	84.2	84.2	61.2	61.2	61.2	Lw	84.2					5	r
PARK100		PARK100	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK101		PARK101	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK102		PARK102	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK103		PARK103	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK104		PARK104	84.2	84.2	84.2	61.0	61.0	61.0	Lw	84.2					5	r
PARK105		PARK105	84.2	84.2	84.2	65.4	65.4	65.4	Lw	84.2					5	r
PARK106		PARK106	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK107		PARK107	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK108		PARK108	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK109		PARK109	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK110		PARK110	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK111		PARK111	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK112		PARK112	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK113		PARK113	84.2	84.2	84.2	64.8	64.8	64.8	Lw	84.2					5	r
PARK114		PARK114	84.2	84.2	84.2	65.1	65.1	65.1	Lw	84.2					5	r
PARK115		PARK115	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK116		PARK116	84.2	84.2	84.2	60.7	60.7	60.7	Lw	84.2					5	r
PARK117		PARK117	84.2	84.2	84.2	60.8	60.8	60.8	Lw	84.2					5	r
PARK118		PARK118	84.2	84.2	84.2	66.4	66.4	66.4	Lw	84.2					5	r
PARK119		PARK119	84.2	84.2	84.2	64.7	64.7	64.7	Lw	84.2					5	r
PARK120		PARK120	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK121		PARK121	84.2	84.2	84.2	66.4	66.4	66.4	Lw	84.2					5	r
PARK122		PARK122	84.2	84.2	84.2	66.4	66.4	66.4	Lw	84.2					5	r
PARK123		PARK123	84.2	84.2	84.2	66.4	66.4	66.4	Lw	84.2					5	r
PARK124		PARK124	84.2	84.2	84.2	66.4	66.4	66.4	Lw	84.2					5	r
PARK125		PARK125	84.2	84.2	84.2	63.9	63.9	63.9	Lw	84.2					5	r
PARK126		PARK126	84.2	84.2	84.2	63.9	63.9	63.9	Lw	84.2					5	r
PARK127		PARK127	84.2	84.2	84.2	63.9	63.9	63.9	Lw	84.2					5	r
PARK128		PARK128	84.2	84.2	84.2	63.9	63.9	63.9	Lw	84.2					5	r
PARK129		PARK129	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK130		PARK130	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK131		PARK131	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK132		PARK132	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK133		PARK133	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK134		PARK134	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK135		PARK135	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK136		PARK136	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK137		PARK137	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK138		PARK138	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK139		PARK139	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK140		PARK140	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK141		PARK141	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK142		PARK142	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK143		PARK143	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK144		PARK144	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK145		PARK145	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK146		PARK146	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK147		PARK147	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK148		PARK148	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK149		PARK149	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK150		PARK150	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK151		PARK151	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK152		PARK152	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK153		PARK153	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK154		PARK154	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK155		PARK155	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK156		PARK156	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK157		PARK157	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK158		PARK158	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK159		PARK159	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK160		PARK160	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK161		PARK161	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK162		PARK162	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK163		PARK163	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK164		PARK164	84.2	84.2	84.2	65.1	65.1	65.1	Lw	84.2					5	r
PARK165		PARK165	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK166		PARK166	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK167		PARK167	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r
PARK168		PARK168	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r
PARK169		PARK169	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK170		PARK170	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK171		PARK171	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r
PARK172		PARK172	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK173		PARK173	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r
PARK174		PARK174	84.2	84.2	84.2	66.6	66.6	66.6	Lw	84.2					5	r

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
PARK175		PARK175	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK176		PARK176	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK177		PARK177	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK178		PARK178	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK179		PARK179	84.2	84.2	84.2	60.4	60.4	60.4	Lw	84.2					5	r
PARK180		PARK180	84.2	84.2	84.2	60.5	60.5	60.5	Lw	84.2					5	r
PARK181		PARK181	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK182		PARK182	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK183		PARK183	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK184		PARK184	84.2	84.2	84.2	64.5	64.5	64.5	Lw	84.2					5	r
PARK185		PARK185	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK186		PARK186	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK187		PARK187	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK188		PARK188	84.2	84.2	84.2	64.6	64.6	64.6	Lw	84.2					5	r
PARK189		PARK189	84.2	84.2	84.2	69.5	69.5	69.5	Lw	84.2					5	r
PARK190		PARK190	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK191		PARK191	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK192		PARK192	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK193		PARK193	84.2	84.2	84.2	69.8	69.8	69.8	Lw	84.2					5	r
PARK194		PARK194	84.2	84.2	84.2	66.1	66.1	66.1	Lw	84.2					5	r
PARK195		PARK195	84.2	84.2	84.2	65.3	65.3	65.3	Lw	84.2					5	r
PARK196		PARK196	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK197		PARK197	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK198		PARK198	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK199		PARK199	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK200		PARK200	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK201		PARK201	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK202		PARK202	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK203		PARK203	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK204		PARK204	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK205		PARK205	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK206		PARK206	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK207		PARK207	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK208		PARK208	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK209		PARK209	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK210		PARK210	84.2	84.2	84.2	64.0	64.0	64.0	Lw	84.2					5	r
PARK211		PARK211	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK212		PARK212	84.2	84.2	84.2	69.9	69.9	69.9	Lw	84.2					5	r
PARK213		PARK213	84.2	84.2	84.2	65.4	65.4	65.4	Lw	84.2					5	r
PARK214		PARK214	84.2	84.2	84.2	64.8	64.8	64.8	Lw	84.2					5	r
PARK215		PARK215	84.2	84.2	84.2	65.1	65.1	65.1	Lw	84.2					5	r
PARK216		PARK216	84.2	84.2	84.2	69.6	69.6	69.6	Lw	84.2					5	r
PARK217		PARK217	84.2	84.2	84.2	66.8	66.8	66.8	Lw	84.2					5	r
PARK218		PARK218	84.2	84.2	84.2	60.5	60.5	60.5	Lw	84.2					5	r
PARK219		PARK219	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK220		PARK220	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK221		PARK221	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK222		PARK222	84.2	84.2	84.2	60.4	60.4	60.4	Lw	84.2					5	r
PARK223		PARK223	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK224		PARK224	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK225		PARK225	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK226		PARK226	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK227		PARK227	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK228		PARK228	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK229		PARK229	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK230		PARK230	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK231		PARK231	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK232		PARK232	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK233		PARK233	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK234		PARK234	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK235		PARK235	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK236		PARK236	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK237		PARK237	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK238		PARK238	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK239		PARK239	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK240		PARK240	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK241		PARK241	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK242		PARK242	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK243		PARK243	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK244		PARK244	84.2	84.2	84.2	64.1	64.1	64.1	Lw	84.2					5	r
PARK245		PARK245	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK246		PARK246	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK247		PARK247	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK248		PARK248	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK249		PARK249	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK250		PARK250	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK251		PARK251	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
PARK252		PARK252	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK253		PARK253	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK254		PARK254	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK255		PARK255	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK256		PARK256	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK257		PARK257	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK258		PARK258	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK259		PARK259	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK260		PARK260	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK261		PARK261	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK262		PARK262	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK263		PARK263	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK264		PARK264	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK265		PARK265	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK266		PARK266	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK267		PARK267	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK268		PARK268	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK269		PARK269	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK270		PARK270	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK271		PARK271	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK272		PARK272	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK273		PARK273	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK274		PARK274	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK275		PARK275	84.2	84.2	84.2	64.6	64.6	64.6	Lw	84.2					5	r
PARK276		PARK276	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK277		PARK277	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK278		PARK278	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK279		PARK279	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK280		PARK280	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK281		PARK281	84.2	84.2	84.2	61.5	61.5	61.5	Lw	84.2					5	r
PARK282		PARK282	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK283		PARK283	84.2	84.2	84.2	60.5	60.5	60.5	Lw	84.2					5	r
PARK284		PARK284	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK285		PARK285	84.2	84.2	84.2	60.4	60.4	60.4	Lw	84.2					5	r
PARK286		PARK286	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK287		PARK287	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK288		PARK288	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK289		PARK289	84.2	84.2	84.2	69.5	69.5	69.5	Lw	84.2					5	r
PARK290		PARK290	84.2	84.2	84.2	69.8	69.8	69.8	Lw	84.2					5	r
PARK291		PARK291	84.2	84.2	84.2	66.1	66.1	66.1	Lw	84.2					5	r
PARK292		PARK292	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK293		PARK293	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK294		PARK294	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK295		PARK295	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK296		PARK296	84.2	84.2	84.2	65.3	65.3	65.3	Lw	84.2					5	r
PARK297		PARK297	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK298		PARK298	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK299		PARK299	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK300		PARK300	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK301		PARK301	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK302		PARK302	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK303		PARK303	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK304		PARK304	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK305		PARK305	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK306		PARK306	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK307		PARK307	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK308		PARK308	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK309		PARK309	84.2	84.2	84.2	64.6	64.6	64.6	Lw	84.2					5	r
PARK310		PARK310	84.2	84.2	84.2	64.6	64.6	64.6	Lw	84.2					5	r
PARK311		PARK311	84.2	84.2	84.2	65.4	65.4	65.4	Lw	84.2					5	r
PARK312		PARK312	84.2	84.2	84.2	68.9	68.9	68.9	Lw	84.2					5	r
PARK313		PARK313	84.2	84.2	84.2	67.1	67.1	67.1	Lw	84.2					5	r
PARK314		PARK314	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK315		PARK315	84.2	84.2	84.2	64.5	64.5	64.5	Lw	84.2					5	r
PARK316		PARK316	84.2	84.2	84.2	69.8	69.8	69.8	Lw	84.2					5	r
PARK317		PARK317	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK318		PARK318	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK319		PARK319	84.2	84.2	84.2	63.6	63.6	63.6	Lw	84.2					5	r
PARK320		PARK320	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK321		PARK321	84.2	84.2	84.2	64.9	64.9	64.9	Lw	84.2					5	r
PARK322		PARK322	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK323		PARK323	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK324		PARK324	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK325		PARK325	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK326		PARK326	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK327		PARK327	84.2	84.2	84.2	64.9	64.9	64.9	Lw	84.2					5	r
PARK328		PARK328	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
PARK329		PARK329	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK330		PARK330	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK331		PARK331	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK332		PARK332	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK333		PARK333	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK334		PARK334	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK335		PARK335	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK336		PARK336	84.2	84.2	84.2	63.6	63.6	63.6	Lw	84.2					5	r
PARK337		PARK337	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK338		PARK338	84.2	84.2	84.2	64.9	64.9	64.9	Lw	84.2					5	r
PARK339		PARK339	84.2	84.2	84.2	63.3	63.3	63.3	Lw	84.2					5	r
PARK340		PARK340	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK341		PARK341	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK342		PARK342	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK343		PARK343	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK344		PARK344	84.2	84.2	84.2	64.9	64.9	64.9	Lw	84.2					5	r
PARK345		PARK345	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK346		PARK346	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK347		PARK347	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK348		PARK348	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK349		PARK349	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK350		PARK350	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK351		PARK351	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK352		PARK352	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK353		PARK353	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK354		PARK354	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK355		PARK355	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK356		PARK356	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK357		PARK357	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK358		PARK358	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK359		PARK359	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK360		PARK360	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK361		PARK361	84.2	84.2	84.2	64.2	64.2	64.2	Lw	84.2					5	r
PARK362		PARK362	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK363		PARK363	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK364		PARK364	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK365		PARK365	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK366		PARK366	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK367		PARK367	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK368		PARK368	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK369		PARK369	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK370		PARK370	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK371		PARK371	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK372		PARK372	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK373		PARK373	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK374		PARK374	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK375		PARK375	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK376		PARK376	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK377		PARK377	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK378		PARK378	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK379		PARK379	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK380		PARK380	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK381		PARK381	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK382		PARK382	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK383		PARK383	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK384		PARK384	84.2	84.2	84.2	64.4	64.4	64.4	Lw	84.2					5	r
PARK385		PARK385	84.2	84.2	84.2	63.1	63.1	63.1	Lw	84.2					5	r
PARK386		PARK386	84.2	84.2	84.2	61.1	61.1	61.1	Lw	84.2					5	r
PARK387		PARK387	84.2	84.2	84.2	69.3	69.3	69.3	Lw	84.2					5	r
PARK388		PARK388	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK389		PARK389	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK390		PARK390	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK391		PARK391	84.2	84.2	84.2	63.6	63.6	63.6	Lw	84.2					5	r
PARK392		PARK392	84.2	84.2	84.2	63.9	63.9	63.9	Lw	84.2					5	r
PARK393		PARK393	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK394		PARK394	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK395		PARK395	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK396		PARK396	84.2	84.2	84.2	66.1	66.1	66.1	Lw	84.2					5	r
PARK397		PARK397	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK398		PARK398	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK399		PARK399	84.2	84.2	84.2	61.7	61.7	61.7	Lw	84.2					5	r
PARK400		PARK400	84.2	84.2	84.2	62.1	62.1	62.1	Lw	84.2					5	r
PARK401		PARK401	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK402		PARK402	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK403		PARK403	84.2	84.2	84.2	61.4	61.4	61.4	Lw	84.2					5	r
PARK404		PARK404	84.2	84.2	84.2	66.0	66.0	66.0	Lw	84.2					5	r
PARK405		PARK405	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
PARK406		PARK406	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK407		PARK407	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK408		PARK408	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK409		PARK409	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK410		PARK410	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK411		PARK411	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK412		PARK412	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK413		PARK413	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK414		PARK414	84.2	84.2	84.2	66.0	66.0	66.0	Lw	84.2					5	r
PARK415		PARK415	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK416		PARK416	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK417		PARK417	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK418		PARK418	84.2	84.2	84.2	63.6	63.6	63.6	Lw	84.2					5	r
PARK419		PARK419	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK420		PARK420	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK421		PARK421	84.2	84.2	84.2	64.2	64.2	64.2	Lw	84.2					5	r
PARK422		PARK422	84.2	84.2	84.2	63.8	63.8	63.8	Lw	84.2					5	r
PARK423		PARK423	84.2	84.2	84.2	64.0	64.0	64.0	Lw	84.2					5	r
PARK424		PARK424	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK425		PARK425	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK426		PARK426	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK427		PARK427	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK428		PARK428	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK429		PARK429	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK430		PARK430	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK431		PARK431	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK432		PARK432	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK433		PARK433	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK434		PARK434	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK435		PARK435	84.2	84.2	84.2	64.2	64.2	64.2	Lw	84.2					5	r
PARK436		PARK436	84.2	84.2	84.2	64.3	64.3	64.3	Lw	84.2					5	r
PARK437		PARK437	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK438		PARK438	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK439		PARK439	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK440		PARK440	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK441		PARK441	84.2	84.2	84.2	65.4	65.4	65.4	Lw	84.2					5	r
PARK442		PARK442	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK443		PARK443	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK444		PARK444	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK445		PARK445	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK446		PARK446	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK447		PARK447	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK448		PARK448	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK449		PARK449	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK450		PARK450	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK451		PARK451	84.2	84.2	84.2	63.2	63.2	63.2	Lw	84.2					5	r
PARK452		PARK452	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK453		PARK453	84.2	84.2	84.2	61.9	61.9	61.9	Lw	84.2					5	r
PARK454		PARK454	84.2	84.2	84.2	61.8	61.8	61.8	Lw	84.2					5	r
PARK455		PARK455	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK456		PARK456	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK457		PARK457	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK458		PARK458	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK459		PARK459	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK460		PARK460	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK461		PARK461	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK462		PARK462	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK463		PARK463	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK464		PARK464	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK465		PARK465	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK466		PARK466	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK467		PARK467	84.2	84.2	84.2	63.4	63.4	63.4	Lw	84.2					5	r
PARK468		PARK468	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK469		PARK469	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK470		PARK470	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK471		PARK471	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK472		PARK472	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK473		PARK473	84.2	84.2	84.2	61.5	61.5	61.5	Lw	84.2					5	r
PARK474		PARK474	84.2	84.2	84.2	61.6	61.6	61.6	Lw	84.2					5	r
PARK475		PARK475	84.2	84.2	84.2	62.2	62.2	62.2	Lw	84.2					5	r
PARK476		PARK476	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK477		PARK477	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK478		PARK478	84.2	84.2	84.2	62.0	62.0	62.0	Lw	84.2					5	r
PARK479		PARK479	84.2	84.2	84.2	66.5	66.5	66.5	Lw	84.2					5	r
PARK480		PARK480	84.2	84.2	84.2	62.8	62.8	62.8	Lw	84.2					5	r
PARK481		PARK481	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK482		PARK482	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
PARK483		PARK483	84.2	84.2	84.2	63.0	63.0	63.0	Lw	84.2					5	r
PARK484		PARK484	84.2	84.2	84.2	63.5	63.5	63.5	Lw	84.2					5	r
PARK485		PARK485	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK486		PARK486	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK487		PARK487	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK488		PARK488	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK489		PARK489	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK490		PARK490	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK491		PARK491	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK492		PARK492	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK493		PARK493	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK494		PARK494	84.2	84.2	84.2	62.6	62.6	62.6	Lw	84.2					5	r
PARK495		PARK495	84.2	84.2	84.2	63.7	63.7	63.7	Lw	84.2					5	r
PARK496		PARK496	84.2	84.2	84.2	62.5	62.5	62.5	Lw	84.2					5	r
PARK497		PARK497	84.2	84.2	84.2	62.7	62.7	62.7	Lw	84.2					5	r
PARK498		PARK498	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK499		PARK499	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK500		PARK500	84.2	84.2	84.2	61.7	61.7	61.7	Lw	84.2					5	r
PARK501		PARK501	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK502		PARK502	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK503		PARK503	84.2	84.2	84.2	61.7	61.7	61.7	Lw	84.2					5	r
PARK504		PARK504	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r
PARK505		PARK505	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK506		PARK506	84.2	84.2	84.2	62.9	62.9	62.9	Lw	84.2					5	r
PARK507		PARK507	84.2	84.2	84.2	62.3	62.3	62.3	Lw	84.2					5	r
PARK508		PARK508	84.2	84.2	84.2	61.7	61.7	61.7	Lw	84.2					5	r
PARK509		PARK509	84.2	84.2	84.2	62.4	62.4	62.4	Lw	84.2					5	r

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
TPARK01	TPARK01	8.00	r			7496527.19	952920.37	8.00	0.00
						7496576.67	952922.54	8.00	0.00
						7496594.03	952528.88	8.00	0.00
						7496541.00	952526.21	8.00	0.00
						7496528.49	952845.72	8.00	0.00
TPARK02	TPARK02	8.00	r			7498241.38	952470.29	8.00	0.00
						7496852.50	952414.95	8.00	0.00
						7496852.50	952472.46	8.00	0.00
						7498239.21	952531.05	8.00	0.00
TPARK03	TPARK03	8.00	r			7496860.09	953464.21	8.00	0.00
						7496979.45	953471.81	8.00	0.00
						7496982.70	953418.64	8.00	0.00
						7496863.35	953412.13	8.00	0.00
TPARK04	TPARK04	8.00	r			7497106.40	953475.06	8.00	0.00
						7498143.73	953518.46	8.00	0.00
						7498149.15	953462.04	8.00	0.00
						7497105.32	953420.81	8.00	0.00
TPARK05	TPARK05	8.00	r			7499033.96	953554.49	8.00	0.00
						7500916.78	953628.71	8.00	0.00
						7500916.78	953576.62	8.00	0.00
						7499032.66	953499.80	8.00	0.00
TPARK06	TPARK06	8.00	r			7499019.64	952511.52	8.00	0.00
						7500994.90	952592.25	8.00	0.00
						7500994.90	952484.18	8.00	0.00
						7499023.55	952404.75	8.00	0.00
TPARK07	TPARK07	8.00	r			7499126.41	952172.98	8.00	0.00
						7500950.63	952247.20	8.00	0.00
						7500954.54	952195.11	8.00	0.00
						7499129.02	952119.59	8.00	0.00
TPARK08	TPARK08	8.00	r			7501701.93	953600.06	8.00	0.00
						7503019.64	953653.45	8.00	0.00
						7503019.64	953602.67	8.00	0.00
						7503019.64	953593.55	8.00	0.00
						7501707.14	953546.68	8.00	0.00
TPARK09	TPARK09	8.00	r			7501739.69	953488.08	8.00	0.00
						7503588.65	953562.30	8.00	0.00
						7503593.86	953459.44	8.00	0.00
						7501744.90	953382.61	8.00	0.00
TPARK10	TPARK10	8.00	r			7503142.04	953659.96	8.00	0.00
						7503583.44	953672.98	8.00	0.00
						7503586.05	953619.59	8.00	0.00
						7503148.55	953601.36	8.00	0.00
TPARK11	TPARK11	8.00	r			7501811.31	952432.09	8.00	0.00
						7503808.70	952510.22	8.00	0.00
						7503811.31	952404.75	8.00	0.00
						7501816.52	952325.32	8.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
TPARK12	TPARK12	8.00	r			7501823.03	952260.22	8.00	0.00
						7503833.44	952335.74	8.00	0.00
						7503841.25	952287.56	8.00	0.00
						7501823.03	952208.13	8.00	0.00
TPARK13	TPARK13	8.00	r			7501768.34	952139.12	8.00	0.00
						7503843.86	952219.85	8.00	0.00
						7503847.77	952171.68	8.00	0.00
						7501768.34	952088.34	8.00	0.00
TPARK14	TPARK14	8.00	r			7501811.31	952018.03	8.00	0.00
						7503804.80	952096.16	8.00	0.00
						7503807.40	952045.37	8.00	0.00
						7501813.91	951964.64	8.00	0.00
TPARK15	TPARK15	8.00	r			7499213.00	951159.57	8.00	0.00
						7500080.19	951192.12	8.00	0.00
						7500181.75	951196.03	8.00	0.00
						7501022.90	951225.97	8.00	0.00
						7501022.24	951178.19	8.00	0.00
						7499109.48	951100.06	8.00	0.00
						7499109.48	951150.45	8.00	0.00
						7499149.20	951155.66	8.00	0.00
TPARK16	TPARK16	8.00	r			7499136.18	951257.22	8.00	0.00
						7500985.13	951330.14	8.00	0.00
						7500987.74	951276.75	8.00	0.00
						7499137.48	951202.54	8.00	0.00
TPARK17	TPARK17	8.00	r			7501922.20	951072.00	8.00	0.00
						7503625.33	951139.71	8.00	0.00
						7503627.06	951091.10	8.00	0.00
						7501925.67	951025.13	8.00	0.00
TPARK18	TPARK18	8.00	r			7501929.15	950896.65	8.00	0.00
						7503632.27	950960.89	8.00	0.00
						7503635.74	950910.54	8.00	0.00
						7501930.88	950842.83	8.00	0.00
TPARK19	TPARK19	8.00	r			7501882.27	949988.67	8.00	0.00
						7502007.27	950002.56	8.00	0.00
						7502014.21	949952.21	8.00	0.00
						7501890.95	949933.11	8.00	0.00
TPARK20	TPARK20	8.00	r			7501870.12	949863.67	8.00	0.00
						7503281.58	950052.90	8.00	0.00
						7503291.99	950006.03	8.00	0.00
						7501877.06	949815.06	8.00	0.00
COLD01	COLD01	8.00	r			7496403.06	952840.51	8.00	0.00
						7496528.49	952845.72	8.00	0.00
						7496541.95	952501.97	8.00	0.00
						7496414.78	952497.20	8.00	0.00
COLD02	COLD02	8.00	r			7496869.86	952596.16	8.00	0.00
						7498203.41	952652.58	8.00	0.00
						7498210.20	952529.83	8.00	0.00
						7496872.36	952473.30	8.00	0.00
COLD03	COLD03	8.00	r			7501868.38	950106.72	8.00	0.00
						7503668.73	950177.04	8.00	0.00
						7503673.07	950091.97	8.00	0.00
						7502047.20	950009.50	8.00	0.00
						7501872.72	949999.08	8.00	0.00
COLD04	COLD04	8.00	r			7501843.64	950706.12	8.00	0.00
						7501836.70	950839.80	8.00	0.00
						7501930.88	950842.83	8.00	0.00
						7503635.74	950910.54	8.00	0.00
						7503643.99	950910.11	8.00	0.00
						7503648.33	950780.33	8.00	0.00
COLD05	COLD05	8.00	r			7501824.11	951202.75	8.00	0.00
						7503628.58	951272.20	8.00	0.00
						7503638.35	951140.90	8.00	0.00
						7503625.33	951139.71	8.00	0.00
						7501922.20	951072.00	8.00	0.00
						7501829.54	951074.71	8.00	0.00
COLD06	COLD06	8.00	r			7503604.35	951905.15	8.00	0.00
						7501799.88	951834.62	8.00	0.00
						7501796.62	951895.39	8.00	0.00
						7501792.28	951962.66	8.00	0.00
						7501813.91	951964.64	8.00	0.00
						7503597.69	952036.88	8.00	0.00
COLD07	COLD07	8.00	r			7501768.77	952563.43	8.00	0.00
						7503630.75	952636.35	8.00	0.00
						7503639.67	952503.61	8.00	0.00
						7501811.31	952432.09	8.00	0.00
						7501771.38	952430.62	8.00	0.00
COLD08	COLD08	8.00	r			7501742.73	953243.12	8.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501738.39	953382.44	8.00	0.00
						7501744.90	953382.61	8.00	0.00
						7503593.86	953459.44	8.00	0.00
						7503605.58	953315.17	8.00	0.00
COLD09	COLD09	8.00	r			7499009.44	953367.12	8.00	0.00
						7499005.84	953499.76	8.00	0.00
						7499032.66	953499.80	8.00	0.00
						7500916.78	953576.62	8.00	0.00
						7500926.67	953575.45	8.00	0.00
						7500932.18	953441.99	8.00	0.00
COLD10	COLD10	8.00	r			7499037.48	952688.91	8.00	0.00
						7500956.97	952762.69	8.00	0.00
						7500964.70	952591.01	8.00	0.00
						7499046.49	952512.62	8.00	0.00
COLD11	COLD11	8.00	r			7499128.08	951388.45	8.00	0.00
						7500985.72	951460.07	8.00	0.00
						7500992.88	951329.38	8.00	0.00
						7500985.13	951330.14	8.00	0.00
						7499136.18	951257.22	8.00	0.00
						7499131.32	951256.14	8.00	0.00
COLD12	COLD12	8.00	r			7499100.41	951988.13	8.00	0.00
						7499095.20	952125.28	8.00	0.00
						7499129.02	952119.59	8.00	0.00
						7500954.54	952195.11	8.00	0.00
						7500963.26	952061.04	8.00	0.00
COLD13	COLD13	8.00	r			7498182.57	953331.83	8.00	0.00
						7496838.17	953279.75	8.00	0.00
						7496837.09	953411.04	8.00	0.00
						7496863.35	953412.13	8.00	0.00
						7496982.70	953418.64	8.00	0.00
						7497105.32	953420.81	8.00	0.00
						7498149.15	953462.04	8.00	0.00
						7498174.98	953465.30	8.00	0.00
PARK001	PARK001	5.00	r			7496067.01	952837.91	5.00	0.00
						7496083.29	952836.82	5.00	0.00
						7496086.55	952784.74	5.00	0.00
						7496071.35	952785.83	5.00	0.00
PARK002	PARK002	5.00	r			7496071.03	952774.97	5.00	0.00
						7496086.65	952775.41	5.00	0.00
						7496091.43	952690.34	5.00	0.00
						7496074.50	952690.34	5.00	0.00
PARK003	PARK003	5.00	r			7496074.50	952678.62	5.00	0.00
						7496089.69	952678.62	5.00	0.00
						7496095.33	952594.85	5.00	0.00
						7496077.97	952595.29	5.00	0.00
PARK004	PARK004	5.00	r			7496078.84	952583.57	5.00	0.00
						7496095.33	952584.44	5.00	0.00
						7496097.50	952544.07	5.00	0.00
						7496079.71	952543.20	5.00	0.00
PARK005	PARK005	5.00	r			7496114.00	952809.70	5.00	0.00
						7496130.92	952810.13	5.00	0.00
						7496132.66	952786.26	5.00	0.00
						7496114.87	952785.83	5.00	0.00
PARK006	PARK006	5.00	r			7496116.60	952778.45	5.00	0.00
						7496131.36	952777.58	5.00	0.00
						7496136.13	952692.94	5.00	0.00
						7496118.77	952692.08	5.00	0.00
PARK007	PARK007	5.00	r			7496120.07	952680.79	5.00	0.00
						7496135.27	952680.79	5.00	0.00
						7496139.17	952597.46	5.00	0.00
						7496123.55	952596.59	5.00	0.00
PARK008	PARK008	5.00	r			7496122.68	952585.74	5.00	0.00
						7496139.61	952585.30	5.00	0.00
						7496142.64	952527.58	5.00	0.00
						7496127.45	952527.58	5.00	0.00
PARK009	PARK009	5.00	r			7496127.89	952492.86	5.00	0.00
						7496144.38	952493.29	5.00	0.00
						7496144.81	952478.53	5.00	0.00
						7496128.32	952476.80	5.00	0.00
PARK010	PARK010	5.00	r			7496081.01	952474.19	5.00	0.00
						7496099.24	952473.76	5.00	0.00
						7496102.71	952414.73	5.00	0.00
						7496084.92	952416.03	5.00	0.00
PARK011	PARK011	5.00	r			7496130.06	952441.21	5.00	0.00
						7496144.81	952441.21	5.00	0.00
						7496147.85	952374.37	5.00	0.00
						7496130.92	952373.50	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
PARK012	PARK012	5.00	r			7496084.48	952404.31	5.00	0.00
						7496101.41	952404.31	5.00	0.00
						7496105.75	952346.16	5.00	0.00
						7496087.09	952344.85	5.00	0.00
PARK013	PARK013	5.00	r			7496109.22	952323.59	5.00	0.00
						7496108.36	952342.25	5.00	0.00
						7496132.23	952344.42	5.00	0.00
						7496134.83	952326.62	5.00	0.00
PARK014	PARK014	5.00	r			7496638.52	953513.04	5.00	0.00
						7496729.67	953517.38	5.00	0.00
						7496730.75	953497.85	5.00	0.00
						7496639.61	953494.59	5.00	0.00
PARK015	PARK015	5.00	r			7496620.07	953492.42	5.00	0.00
						7496639.61	953494.59	5.00	0.00
						7496640.69	953405.62	5.00	0.00
						7496624.41	953405.62	5.00	0.00
PARK016	PARK016	5.00	r			7496735.31	953515.97	5.00	0.00
						7496823.85	953519.01	5.00	0.00
						7496824.28	953501.21	5.00	0.00
						7496735.31	953497.31	5.00	0.00
PARK017	PARK017	5.00	r			7496830.79	953518.14	5.00	0.00
						7496920.64	953522.91	5.00	0.00
						7496921.51	953505.55	5.00	0.00
						7496831.23	953502.08	5.00	0.00
PARK018	PARK018	5.00	r			7496926.71	953522.05	5.00	0.00
						7496997.46	953525.52	5.00	0.00
						7496999.20	953505.55	5.00	0.00
						7496928.45	953503.82	5.00	0.00
PARK019	PARK019	5.00	r			7496684.09	953452.60	5.00	0.00
						7496682.36	953470.83	5.00	0.00
						7496744.86	953473.43	5.00	0.00
						7496743.55	953454.77	5.00	0.00
PARK020	PARK020	5.00	r			7496684.09	953452.60	5.00	0.00
						7496743.55	953454.77	5.00	0.00
						7496744.42	953434.81	5.00	0.00
						7496685.40	953432.64	5.00	0.00
PARK021	PARK021	5.00	r			7496799.98	953457.37	5.00	0.00
						7496802.15	953413.10	5.00	0.00
						7496783.05	953412.24	5.00	0.00
						7496780.88	953456.07	5.00	0.00
PARK022	PARK022	5.00	r			7496684.53	953391.40	5.00	0.00
						7496683.66	953409.20	5.00	0.00
						7496783.05	953412.24	5.00	0.00
						7496782.18	953395.74	5.00	0.00
PARK023	PARK023	5.00	r			7496627.32	953321.64	5.00	0.00
						7496645.38	953321.64	5.00	0.00
						7496648.85	953224.07	5.00	0.00
						7496632.53	953224.07	5.00	0.00
PARK024	PARK024	5.00	r			7496676.63	953283.10	5.00	0.00
						7496693.29	953283.79	5.00	0.00
						7496697.81	953225.46	5.00	0.00
						7496678.36	953225.11	5.00	0.00
PARK025	PARK025	5.00	r			7496647.11	953217.82	5.00	0.00
						7496649.20	953128.58	5.00	0.00
						7496635.31	953128.24	5.00	0.00
						7496632.88	953217.82	5.00	0.00
PARK026	PARK026	5.00	r			7496677.32	953219.21	5.00	0.00
						7496697.11	953219.56	5.00	0.00
						7496701.28	953132.06	5.00	0.00
						7496681.49	953129.63	5.00	0.00
PARK027	PARK027	5.00	r			7496655.45	953121.99	5.00	0.00
						7496657.88	953033.79	5.00	0.00
						7496638.78	953033.45	5.00	0.00
						7496634.96	953121.99	5.00	0.00
PARK028	PARK028	5.00	r			7496681.49	953123.72	5.00	0.00
						7496699.89	953124.07	5.00	0.00
						7496705.45	953034.14	5.00	0.00
						7496684.96	953033.45	5.00	0.00
PARK029	PARK029	5.00	r			7496659.61	953025.11	5.00	0.00
						7496662.39	952936.22	5.00	0.00
						7496643.29	952934.83	5.00	0.00
						7496640.17	953024.76	5.00	0.00
PARK030	PARK030	5.00	r			7496685.31	953025.11	5.00	0.00
						7496704.06	953025.46	5.00	0.00
						7496707.53	952936.92	5.00	0.00
						7496689.48	952935.88	5.00	0.00
PARK031	PARK031	5.00	r			7496663.09	952929.63	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7496666.21	952840.74	5.00	0.00
						7496646.77	952840.04	5.00	0.00
						7496644.34	952929.28	5.00	0.00
PARK032	PARK032	5.00	r			7496687.74	952929.63	5.00	0.00
						7496707.88	952930.67	5.00	0.00
						7496711.00	952843.17	5.00	0.00
						7496692.60	952841.78	5.00	0.00
PARK033	PARK033	5.00	r			7496666.91	952831.01	5.00	0.00
						7496670.03	952743.51	5.00	0.00
						7496651.63	952742.82	5.00	0.00
						7496648.16	952831.01	5.00	0.00
PARK034	PARK034	5.00	r			7496693.64	952833.79	5.00	0.00
						7496711.70	952834.83	5.00	0.00
						7496715.86	952745.95	5.00	0.00
						7496695.38	952744.56	5.00	0.00
PARK035	PARK035	5.00	r			7496670.38	952735.88	5.00	0.00
						7496673.85	952648.38	5.00	0.00
						7496653.71	952647.33	5.00	0.00
						7496651.28	952735.88	5.00	0.00
PARK036	PARK036	5.00	r			7496695.73	952738.31	5.00	0.00
						7496715.52	952739.70	5.00	0.00
						7496720.03	952650.11	5.00	0.00
						7496700.93	952649.76	5.00	0.00
PARK037	PARK037	5.00	r			7496675.24	952641.43	5.00	0.00
						7496677.67	952544.21	5.00	0.00
						7496658.23	952544.56	5.00	0.00
						7496654.06	952641.43	5.00	0.00
PARK038	PARK038	5.00	r			7496700.93	952642.82	5.00	0.00
						7496720.03	952643.51	5.00	0.00
						7496722.81	952586.57	5.00	0.00
						7496703.02	952585.18	5.00	0.00
PARK039	PARK039	5.00	r			7496680.45	952459.83	5.00	0.00
						7496685.31	952370.60	5.00	0.00
						7496665.17	952369.90	5.00	0.00
						7496661.35	952458.79	5.00	0.00
PARK040	PARK040	5.00	r			7496721.42	952476.85	5.00	0.00
						7496817.60	952482.06	5.00	0.00
						7496818.99	952460.53	5.00	0.00
						7496721.77	952456.36	5.00	0.00
PARK041	PARK041	5.00	r			7496839.82	952460.53	5.00	0.00
						7496843.64	952380.32	5.00	0.00
						7496823.85	952379.63	5.00	0.00
						7496820.90	952459.83	5.00	0.00
PARK042	PARK042	5.00	r			7496722.72	952433.19	5.00	0.00
						7496783.92	952436.66	5.00	0.00
						7496784.79	952418.86	5.00	0.00
						7496723.16	952417.13	5.00	0.00
PARK043	PARK043	5.00	r			7496724.46	952398.90	5.00	0.00
						7496723.16	952417.13	5.00	0.00
						7496784.79	952418.86	5.00	0.00
						7496785.22	952400.63	5.00	0.00
PARK044	PARK044	5.00	r			7496686.70	952352.02	5.00	0.00
						7496685.31	952370.60	5.00	0.00
						7496755.27	952374.16	5.00	0.00
						7496755.71	952354.63	5.00	0.00
PARK045	PARK045	5.00	r			7496763.09	952354.63	5.00	0.00
						7496761.78	952374.59	5.00	0.00
						7496823.85	952379.63	5.00	0.00
						7496823.85	952356.80	5.00	0.00
PARK046	PARK046	5.00	r			7498230.05	953577.28	5.00	0.00
						7498298.62	953580.75	5.00	0.00
						7498301.23	953560.79	5.00	0.00
						7498232.65	953556.45	5.00	0.00
PARK047	PARK047	5.00	r			7498210.08	953553.84	5.00	0.00
						7498229.87	953554.37	5.00	0.00
						7498232.65	953473.12	5.00	0.00
						7498212.68	953472.25	5.00	0.00
PARK048	PARK048	5.00	r			7498235.78	953451.59	5.00	0.00
						7498236.12	953471.03	5.00	0.00
						7498331.96	953474.50	5.00	0.00
						7498332.30	953456.45	5.00	0.00
PARK049	PARK049	5.00	r			7498258.00	953514.09	5.00	0.00
						7498256.96	953533.53	5.00	0.00
						7498326.75	953537.00	5.00	0.00
						7498327.09	953516.87	5.00	0.00
PARK050	PARK050	5.00	r			7498258.00	953514.09	5.00	0.00
						7498327.09	953516.87	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498328.14	953498.12	5.00	0.00
						7498258.69	953494.99	5.00	0.00
PARK051	PARK051	5.00	r			7498309.39	953577.98	5.00	0.00
						7498396.19	953580.75	5.00	0.00
						7498396.89	953563.74	5.00	0.00
						7498310.08	953559.92	5.00	0.00
PARK052	PARK052	5.00	r			7498405.57	953580.41	5.00	0.00
						7498473.62	953582.84	5.00	0.00
						7498475.01	953567.21	5.00	0.00
						7498405.91	953564.09	5.00	0.00
PARK053	PARK053	5.00	r			7498379.53	953537.70	5.00	0.00
						7498440.64	953540.13	5.00	0.00
						7498441.33	953521.38	5.00	0.00
						7498380.22	953519.30	5.00	0.00
PARK054	PARK054	5.00	r			7498380.22	953519.30	5.00	0.00
						7498441.33	953521.38	5.00	0.00
						7498442.03	953502.63	5.00	0.00
						7498380.22	953500.89	5.00	0.00
PARK055	PARK055	5.00	r			7498474.32	953563.05	5.00	0.00
						7498494.46	953563.74	5.00	0.00
						7498498.28	953485.62	5.00	0.00
						7498477.44	953483.88	5.00	0.00
PARK056	PARK056	5.00	r			7498478.14	953480.41	5.00	0.00
						7498478.83	953461.66	5.00	0.00
						7498381.61	953458.19	5.00	0.00
						7498381.26	953476.24	5.00	0.00
PARK057	PARK057	5.00	r			7498330.38	953359.40	5.00	0.00
						7498347.74	953361.14	5.00	0.00
						7498352.08	953296.47	5.00	0.00
						7498332.55	953296.47	5.00	0.00
PARK058	PARK058	5.00	r			7498334.28	953259.57	5.00	0.00
						7498351.64	953259.14	5.00	0.00
						7498355.12	953199.68	5.00	0.00
						7498337.32	953199.68	5.00	0.00
PARK059	PARK059	5.00	r			7498337.75	953189.70	5.00	0.00
						7498353.81	953191.43	5.00	0.00
						7498358.15	953104.19	5.00	0.00
						7498341.23	953104.19	5.00	0.00
PARK060	PARK060	5.00	r			7498340.79	953093.78	5.00	0.00
						7498359.02	953094.64	5.00	0.00
						7498362.93	953017.39	5.00	0.00
						7498343.83	953017.39	5.00	0.00
PARK061	PARK061	5.00	r			7498344.26	952982.66	5.00	0.00
						7498364.23	952983.97	5.00	0.00
						7498367.27	952905.41	5.00	0.00
						7498348.17	952905.41	5.00	0.00
PARK062	PARK062	5.00	r			7498347.30	952894.99	5.00	0.00
						7498368.14	952894.56	5.00	0.00
						7498372.48	952810.36	5.00	0.00
						7498351.21	952810.36	5.00	0.00
PARK063	PARK063	5.00	r			7498349.47	952801.24	5.00	0.00
						7498372.48	952802.11	5.00	0.00
						7498377.25	952713.13	5.00	0.00
						7498356.42	952712.26	5.00	0.00
PARK064	PARK064	5.00	r			7498355.98	952704.45	5.00	0.00
						7498378.12	952705.32	5.00	0.00
						7498381.16	952649.76	5.00	0.00
						7498358.59	952649.33	5.00	0.00
PARK065	PARK065	5.00	r			7498375.08	953399.76	5.00	0.00
						7498391.14	953399.33	5.00	0.00
						7498393.74	953363.31	5.00	0.00
						7498376.38	953362.87	5.00	0.00
PARK066	PARK066	5.00	r			7498393.74	953400.20	5.00	0.00
						7498409.80	953399.76	5.00	0.00
						7498412.41	953363.74	5.00	0.00
						7498395.05	953363.31	5.00	0.00
PARK067	PARK067	5.00	r			7498435.84	953402.37	5.00	0.00
						7498451.90	953401.94	5.00	0.00
						7498454.51	953365.91	5.00	0.00
						7498437.15	953365.48	5.00	0.00
PARK068	PARK068	5.00	r			7498374.65	953359.40	5.00	0.00
						7498392.01	953361.14	5.00	0.00
						7498396.35	953296.47	5.00	0.00
						7498376.82	953296.47	5.00	0.00
PARK069	PARK069	5.00	r			7498395.48	953359.83	5.00	0.00
						7498412.84	953361.57	5.00	0.00
						7498417.18	953296.90	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498397.65	953296.90	5.00	0.00
PARK070	PARK070	5.00	r			7498436.71	953359.83	5.00	0.00
						7498454.07	953361.57	5.00	0.00
						7498458.41	953296.90	5.00	0.00
						7498438.88	953296.90	5.00	0.00
PARK071	PARK071	5.00	r			7498378.99	953285.18	5.00	0.00
						7498395.05	953286.92	5.00	0.00
						7498399.39	953199.68	5.00	0.00
						7498382.46	953199.68	5.00	0.00
PARK072	PARK072	5.00	r			7498398.52	953286.92	5.00	0.00
						7498414.58	953288.65	5.00	0.00
						7498418.92	953201.41	5.00	0.00
						7498401.99	953201.41	5.00	0.00
PARK073	PARK073	5.00	r			7498440.62	953288.22	5.00	0.00
						7498456.68	953289.96	5.00	0.00
						7498461.02	953202.72	5.00	0.00
						7498444.09	953202.72	5.00	0.00
PARK074	PARK074	5.00	r			7498401.99	953192.73	5.00	0.00
						7498418.05	953194.47	5.00	0.00
						7498422.39	953107.23	5.00	0.00
						7498405.46	953107.23	5.00	0.00
PARK075	PARK075	5.00	r			7498444.09	953194.04	5.00	0.00
						7498460.15	953195.77	5.00	0.00
						7498464.49	953108.53	5.00	0.00
						7498447.56	953108.53	5.00	0.00
PARK076	PARK076	5.00	r			7498382.46	953191.00	5.00	0.00
						7498398.52	953192.73	5.00	0.00
						7498402.86	953105.49	5.00	0.00
						7498385.93	953105.49	5.00	0.00
PARK077	PARK077	5.00	r			7498385.93	953095.08	5.00	0.00
						7498404.16	953096.38	5.00	0.00
						7498407.63	953025.63	5.00	0.00
						7498388.54	953026.07	5.00	0.00
PARK078	PARK078	5.00	r			7498405.46	953095.51	5.00	0.00
						7498423.69	953096.81	5.00	0.00
						7498427.16	953026.07	5.00	0.00
						7498408.07	953026.50	5.00	0.00
PARK079	PARK079	5.00	r			7498446.26	953098.12	5.00	0.00
						7498464.49	953099.42	5.00	0.00
						7498467.96	953028.67	5.00	0.00
						7498448.87	953029.11	5.00	0.00
PARK080	PARK080	5.00	r			7498391.14	952975.29	5.00	0.00
						7498408.93	952974.85	5.00	0.00
						7498411.54	952908.01	5.00	0.00
						7498393.74	952905.84	5.00	0.00
PARK081	PARK081	5.00	r			7498410.24	952975.72	5.00	0.00
						7498428.03	952975.29	5.00	0.00
						7498430.64	952908.45	5.00	0.00
						7498412.84	952906.28	5.00	0.00
PARK082	PARK082	5.00	r			7498451.47	952977.89	5.00	0.00
						7498469.26	952977.46	5.00	0.00
						7498471.87	952910.62	5.00	0.00
						7498454.07	952908.45	5.00	0.00
PARK083	PARK083	5.00	r			7498389.84	952897.16	5.00	0.00
						7498410.67	952896.73	5.00	0.00
						7498415.01	952812.53	5.00	0.00
						7498393.74	952812.53	5.00	0.00
PARK084	PARK084	5.00	r			7498413.28	952898.03	5.00	0.00
						7498434.11	952897.59	5.00	0.00
						7498438.45	952813.39	5.00	0.00
						7498417.18	952813.39	5.00	0.00
PARK085	PARK085	5.00	r			7498451.47	952901.07	5.00	0.00
						7498472.30	952900.63	5.00	0.00
						7498476.64	952816.43	5.00	0.00
						7498455.38	952816.43	5.00	0.00
PARK086	PARK086	5.00	r			7498392.90	952801.30	5.00	0.00
						7498413.73	952800.87	5.00	0.00
						7498418.07	952716.66	5.00	0.00
						7498396.81	952716.66	5.00	0.00
PARK087	PARK087	5.00	r			7498416.34	952802.17	5.00	0.00
						7498437.17	952801.73	5.00	0.00
						7498441.51	952717.53	5.00	0.00
						7498420.24	952717.53	5.00	0.00
PARK088	PARK088	5.00	r			7498454.53	952805.21	5.00	0.00
						7498475.37	952804.77	5.00	0.00
						7498479.71	952720.57	5.00	0.00
						7498458.44	952720.57	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
PARK089	PARK089	5.00	r			7498401.12	952704.89	5.00	0.00
						7498419.35	952706.19	5.00	0.00
						7498421.52	952645.86	5.00	0.00
						7498402.42	952645.42	5.00	0.00
PARK090	PARK090	5.00	r			7498419.35	952706.19	5.00	0.00
						7498438.88	952707.06	5.00	0.00
						7498441.49	952648.03	5.00	0.00
						7498421.52	952645.86	5.00	0.00
PARK091	PARK091	5.00	r			7498462.75	952707.92	5.00	0.00
						7498480.55	952708.36	5.00	0.00
						7498483.15	952648.90	5.00	0.00
						7498466.23	952648.03	5.00	0.00
PARK092	PARK092	5.00	r			7498403.73	952636.74	5.00	0.00
						7498422.82	952636.74	5.00	0.00
						7498424.56	952604.19	5.00	0.00
						7498405.90	952603.76	5.00	0.00
PARK093	PARK093	5.00	r			7498422.82	952636.74	5.00	0.00
						7498441.05	952638.91	5.00	0.00
						7498442.79	952603.32	5.00	0.00
						7498424.56	952604.19	5.00	0.00
PARK094	PARK094	5.00	r			7498465.79	952638.91	5.00	0.00
						7498484.89	952640.22	5.00	0.00
						7498486.19	952606.36	5.00	0.00
						7498468.83	952605.06	5.00	0.00
PARK095	PARK095	5.00	r			7498271.78	952539.96	5.00	0.00
						7498369.87	952544.30	5.00	0.00
						7498370.74	952522.59	5.00	0.00
						7498272.65	952518.69	5.00	0.00
PARK096	PARK096	5.00	r			7498272.65	952518.69	5.00	0.00
						7498276.99	952421.90	5.00	0.00
						7498255.72	952420.60	5.00	0.00
						7498250.95	952516.95	5.00	0.00
PARK097	PARK097	5.00	r			7498306.94	952480.06	5.00	0.00
						7498305.64	952499.16	5.00	0.00
						7498369.00	952501.33	5.00	0.00
						7498369.87	952483.10	5.00	0.00
PARK098	PARK098	5.00	r			7498306.94	952480.06	5.00	0.00
						7498369.87	952483.10	5.00	0.00
						7498371.61	952460.96	5.00	0.00
						7498307.81	952459.23	5.00	0.00
PARK099	PARK099	5.00	r			7498419.35	952546.03	5.00	0.00
						7498514.84	952549.50	5.00	0.00
						7498516.14	952527.37	5.00	0.00
						7498420.22	952523.46	5.00	0.00
PARK100	PARK100	5.00	r			7498422.82	952483.97	5.00	0.00
						7498422.82	952503.50	5.00	0.00
						7498481.42	952506.54	5.00	0.00
						7498482.29	952486.57	5.00	0.00
PARK101	PARK101	5.00	r			7498422.82	952483.97	5.00	0.00
						7498482.29	952486.57	5.00	0.00
						7498484.02	952464.87	5.00	0.00
						7498422.82	952464.00	5.00	0.00
PARK102	PARK102	5.00	r			7498516.14	952527.37	5.00	0.00
						7498535.24	952528.24	5.00	0.00
						7498537.84	952449.68	5.00	0.00
						7498518.31	952447.94	5.00	0.00
PARK103	PARK103	5.00	r			7498518.31	952447.94	5.00	0.00
						7498520.05	952423.64	5.00	0.00
						7498450.60	952421.90	5.00	0.00
						7498449.73	952448.38	5.00	0.00
PARK104	PARK104	5.00	r			7498354.68	952416.69	5.00	0.00
						7498353.38	952441.87	5.00	0.00
						7498444.53	952446.64	5.00	0.00
						7498445.39	952422.33	5.00	0.00
PARK105	PARK105	5.00	r			7498312.58	952417.56	5.00	0.00
						7498310.41	952441.00	5.00	0.00
						7498346.43	952441.87	5.00	0.00
						7498346.00	952418.43	5.00	0.00
PARK106	PARK106	5.00	r			7498701.38	952554.11	5.00	0.00
						7498779.51	952554.11	5.00	0.00
						7498780.03	952537.44	5.00	0.00
						7498700.86	952532.75	5.00	0.00
PARK107	PARK107	5.00	r			7498697.74	952528.58	5.00	0.00
						7498701.38	952450.98	5.00	0.00
						7498681.59	952450.46	5.00	0.00
						7498678.99	952528.06	5.00	0.00
PARK108	PARK108	5.00	r			7498703.99	952428.06	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498704.68	952447.86	5.00	0.00
						7498795.13	952450.98	5.00	0.00
						7498795.13	952430.67	5.00	0.00
PARK109	PARK109	5.00	r			7498801.90	952431.19	5.00	0.00
						7498800.17	952451.67	5.00	0.00
						7498890.45	952455.84	5.00	0.00
						7498890.79	952434.66	5.00	0.00
PARK110	PARK110	5.00	r			7498896.70	952435.01	5.00	0.00
						7498896.00	952456.88	5.00	0.00
						7498984.54	952460.70	5.00	0.00
						7498986.97	952438.48	5.00	0.00
PARK111	PARK111	5.00	r			7498988.01	952461.74	5.00	0.00
						7498982.81	952541.95	5.00	0.00
						7499003.64	952542.65	5.00	0.00
						7499006.76	952462.44	5.00	0.00
PARK112	PARK112	5.00	r			7498975.17	952564.52	5.00	0.00
						7498976.90	952543.34	5.00	0.00
						7498905.72	952541.61	5.00	0.00
						7498906.07	952562.09	5.00	0.00
PARK113	PARK113	5.00	r			7498960.58	952519.04	5.00	0.00
						7498961.28	952500.98	5.00	0.00
						7498910.24	952498.20	5.00	0.00
						7498908.50	952516.61	5.00	0.00
PARK114	PARK114	5.00	r			7498910.24	952482.58	5.00	0.00
						7498910.24	952498.20	5.00	0.00
						7498961.28	952500.98	5.00	0.00
						7498961.63	952482.58	5.00	0.00
PARK115	PARK115	5.00	r			7498854.68	952556.88	5.00	0.00
						7498855.72	952540.22	5.00	0.00
						7498787.32	952536.74	5.00	0.00
						7498786.97	952554.45	5.00	0.00
PARK116	PARK116	5.00	r			7498858.50	952514.87	5.00	0.00
						7498859.20	952496.12	5.00	0.00
						7498734.54	952491.26	5.00	0.00
						7498733.50	952510.70	5.00	0.00
PARK117	PARK117	5.00	r			7498735.58	952472.51	5.00	0.00
						7498734.54	952491.26	5.00	0.00
						7498859.20	952496.12	5.00	0.00
						7498859.20	952476.67	5.00	0.00
PARK118	PARK118	5.00	r			7498721.70	952649.94	5.00	0.00
						7498739.75	952651.67	5.00	0.00
						7498741.14	952614.87	5.00	0.00
						7498722.39	952615.56	5.00	0.00
PARK119	PARK119	5.00	r			7498719.61	952720.08	5.00	0.00
						7498735.24	952719.38	5.00	0.00
						7498736.63	952656.19	5.00	0.00
						7498722.04	952656.54	5.00	0.00
PARK120	PARK120	5.00	r			7498716.14	952815.91	5.00	0.00
						7498732.81	952816.61	5.00	0.00
						7498735.93	952726.67	5.00	0.00
						7498718.22	952726.67	5.00	0.00
PARK121	PARK121	5.00	r			7498762.67	952652.02	5.00	0.00
						7498780.72	952653.76	5.00	0.00
						7498782.11	952616.95	5.00	0.00
						7498763.36	952617.65	5.00	0.00
PARK122	PARK122	5.00	r			7498783.85	952652.72	5.00	0.00
						7498801.90	952654.45	5.00	0.00
						7498803.29	952617.65	5.00	0.00
						7498784.54	952618.34	5.00	0.00
PARK123	PARK123	5.00	r			7498825.17	952654.11	5.00	0.00
						7498843.22	952655.84	5.00	0.00
						7498844.61	952619.04	5.00	0.00
						7498825.86	952619.73	5.00	0.00
PARK124	PARK124	5.00	r			7498845.31	952654.11	5.00	0.00
						7498863.36	952655.84	5.00	0.00
						7498864.75	952619.04	5.00	0.00
						7498846.00	952619.73	5.00	0.00
PARK125	PARK125	5.00	r			7498759.20	952719.04	5.00	0.00
						7498779.07	952718.33	5.00	0.00
						7498780.38	952658.97	5.00	0.00
						7498761.63	952659.66	5.00	0.00
PARK126	PARK126	5.00	r			7498781.07	952719.38	5.00	0.00
						7498800.95	952718.68	5.00	0.00
						7498802.25	952659.31	5.00	0.00
						7498783.50	952660.01	5.00	0.00
PARK127	PARK127	5.00	r			7498821.00	952722.51	5.00	0.00
						7498840.88	952721.80	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498842.18	952662.44	5.00	0.00
						7498823.43	952663.13	5.00	0.00
PARK128	PARK128	5.00	r			7498842.18	952723.20	5.00	0.00
						7498862.06	952722.49	5.00	0.00
						7498863.36	952663.13	5.00	0.00
						7498844.61	952663.83	5.00	0.00
PARK129	PARK129	5.00	r			7498885.93	952732.23	5.00	0.00
						7498905.81	952731.52	5.00	0.00
						7498909.54	952665.56	5.00	0.00
						7498890.10	952664.52	5.00	0.00
PARK130	PARK130	5.00	r			7498755.38	952815.91	5.00	0.00
						7498775.86	952816.61	5.00	0.00
						7498778.99	952726.67	5.00	0.00
						7498757.81	952726.33	5.00	0.00
PARK131	PARK131	5.00	r			7498776.90	952817.99	5.00	0.00
						7498797.39	952818.69	5.00	0.00
						7498800.51	952728.76	5.00	0.00
						7498779.33	952728.41	5.00	0.00
PARK132	PARK132	5.00	r			7498815.79	952819.73	5.00	0.00
						7498836.28	952820.42	5.00	0.00
						7498839.40	952730.49	5.00	0.00
						7498818.22	952730.15	5.00	0.00
PARK133	PARK133	5.00	r			7498839.06	952820.42	5.00	0.00
						7498859.54	952821.12	5.00	0.00
						7498862.67	952731.19	5.00	0.00
						7498841.49	952730.84	5.00	0.00
PARK134	PARK134	5.00	r			7498883.85	952820.77	5.00	0.00
						7498901.90	952821.47	5.00	0.00
						7498905.03	952743.34	5.00	0.00
						7498887.32	952743.69	5.00	0.00
PARK135	PARK135	5.00	r			7498711.63	952908.97	5.00	0.00
						7498728.29	952909.66	5.00	0.00
						7498731.42	952819.73	5.00	0.00
						7498713.71	952819.73	5.00	0.00
PARK136	PARK136	5.00	r			7498811.28	952912.79	5.00	0.00
						7498831.76	952913.48	5.00	0.00
						7498834.89	952823.55	5.00	0.00
						7498813.71	952823.20	5.00	0.00
PARK137	PARK137	5.00	r			7498834.54	952913.48	5.00	0.00
						7498855.03	952914.17	5.00	0.00
						7498858.15	952824.24	5.00	0.00
						7498836.97	952823.90	5.00	0.00
PARK138	PARK138	5.00	r			7498772.39	952911.05	5.00	0.00
						7498792.88	952911.74	5.00	0.00
						7498796.00	952821.81	5.00	0.00
						7498774.82	952821.47	5.00	0.00
PARK139	PARK139	5.00	r			7498750.86	952908.97	5.00	0.00
						7498771.35	952909.66	5.00	0.00
						7498774.47	952819.73	5.00	0.00
						7498753.29	952819.38	5.00	0.00
PARK140	PARK140	5.00	r			7498877.95	952917.30	5.00	0.00
						7498898.43	952917.99	5.00	0.00
						7498901.56	952828.06	5.00	0.00
						7498880.38	952827.72	5.00	0.00
PARK141	PARK141	5.00	r			7498708.15	952988.13	5.00	0.00
						7498725.51	952989.52	5.00	0.00
						7498729.33	952920.77	5.00	0.00
						7498711.97	952919.38	5.00	0.00
PARK142	PARK142	5.00	r			7498750.17	952989.17	5.00	0.00
						7498767.53	952990.56	5.00	0.00
						7498771.35	952921.81	5.00	0.00
						7498753.99	952920.42	5.00	0.00
PARK143	PARK143	5.00	r			7498769.96	952988.83	5.00	0.00
						7498787.32	952990.22	5.00	0.00
						7498791.14	952921.47	5.00	0.00
						7498773.78	952920.08	5.00	0.00
PARK144	PARK144	5.00	r			7498811.28	952991.26	5.00	0.00
						7498828.64	952992.65	5.00	0.00
						7498832.46	952923.90	5.00	0.00
						7498815.10	952922.51	5.00	0.00
PARK145	PARK145	5.00	r			7498832.11	952992.65	5.00	0.00
						7498849.47	952994.04	5.00	0.00
						7498853.29	952925.29	5.00	0.00
						7498835.93	952923.90	5.00	0.00
PARK146	PARK146	5.00	r			7498876.56	953004.11	5.00	0.00
						7498893.92	953004.45	5.00	0.00
						7498897.39	952929.45	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498880.03	952928.06	5.00	0.00
PARK147	PARK147	5.00	r			7498703.99	953110.01	5.00	0.00
						7498721.00	953109.66	5.00	0.00
						7498725.86	953039.52	5.00	0.00
						7498706.42	953039.52	5.00	0.00
PARK148	PARK148	5.00	r			7498744.96	953111.74	5.00	0.00
						7498761.97	953111.40	5.00	0.00
						7498766.83	953041.26	5.00	0.00
						7498747.39	953041.26	5.00	0.00
PARK149	PARK149	5.00	r			7498765.45	953111.74	5.00	0.00
						7498782.46	953111.40	5.00	0.00
						7498787.32	953041.26	5.00	0.00
						7498767.88	953041.26	5.00	0.00
PARK150	PARK150	5.00	r			7498806.07	953112.79	5.00	0.00
						7498823.08	953112.44	5.00	0.00
						7498827.95	953042.30	5.00	0.00
						7498808.50	953042.30	5.00	0.00
PARK151	PARK151	5.00	r			7498827.25	953112.79	5.00	0.00
						7498844.26	953112.44	5.00	0.00
						7498849.13	953042.30	5.00	0.00
						7498829.68	953042.30	5.00	0.00
PARK152	PARK152	5.00	r			7498873.08	953114.52	5.00	0.00
						7498890.10	953114.17	5.00	0.00
						7498895.31	953039.52	5.00	0.00
						7498875.86	953038.13	5.00	0.00
PARK153	PARK153	5.00	r			7498699.82	953205.15	5.00	0.00
						7498717.18	953206.19	5.00	0.00
						7498722.04	953119.38	5.00	0.00
						7498702.95	953118.69	5.00	0.00
PARK154	PARK154	5.00	r			7498741.14	953205.84	5.00	0.00
						7498758.50	953206.88	5.00	0.00
						7498763.36	953120.08	5.00	0.00
						7498744.26	953119.38	5.00	0.00
PARK155	PARK155	5.00	r			7498761.63	953206.54	5.00	0.00
						7498778.99	953207.58	5.00	0.00
						7498783.85	953120.77	5.00	0.00
						7498764.75	953120.08	5.00	0.00
PARK156	PARK156	5.00	r			7498802.95	953207.58	5.00	0.00
						7498820.31	953208.62	5.00	0.00
						7498825.17	953121.81	5.00	0.00
						7498806.07	953121.12	5.00	0.00
PARK157	PARK157	5.00	r			7498823.08	953208.62	5.00	0.00
						7498840.45	953209.66	5.00	0.00
						7498845.31	953122.86	5.00	0.00
						7498826.21	953122.16	5.00	0.00
PARK158	PARK158	5.00	r			7498867.88	953210.36	5.00	0.00
						7498885.24	953211.40	5.00	0.00
						7498890.10	953124.59	5.00	0.00
						7498871.00	953123.90	5.00	0.00
PARK159	PARK159	5.00	r			7498696.35	953300.98	5.00	0.00
						7498713.71	953302.02	5.00	0.00
						7498718.57	953215.22	5.00	0.00
						7498699.47	953214.52	5.00	0.00
PARK160	PARK160	5.00	r			7498819.61	953304.45	5.00	0.00
						7498836.97	953305.49	5.00	0.00
						7498841.83	953218.69	5.00	0.00
						7498822.74	953217.99	5.00	0.00
PARK161	PARK161	5.00	r			7498737.67	953301.67	5.00	0.00
						7498755.03	953302.72	5.00	0.00
						7498759.89	953215.91	5.00	0.00
						7498740.79	953215.22	5.00	0.00
PARK162	PARK162	5.00	r			7498799.47	953303.41	5.00	0.00
						7498816.83	953304.45	5.00	0.00
						7498821.70	953217.65	5.00	0.00
						7498802.60	953216.95	5.00	0.00
PARK163	PARK163	5.00	r			7498758.15	953302.37	5.00	0.00
						7498775.51	953303.41	5.00	0.00
						7498780.38	953216.61	5.00	0.00
						7498761.28	953215.91	5.00	0.00
PARK164	PARK164	5.00	r			7498866.83	953263.48	5.00	0.00
						7498885.58	953263.48	5.00	0.00
						7498888.71	953218.34	5.00	0.00
						7498868.57	953218.34	5.00	0.00
PARK165	PARK165	5.00	r			7498861.97	953378.06	5.00	0.00
						7498882.11	953378.06	5.00	0.00
						7498886.63	953298.20	5.00	0.00
						7498865.79	953297.51	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
PARK166	PARK166	5.00	r			7498692.88	953370.77	5.00	0.00
						7498711.28	953371.12	5.00	0.00
						7498715.10	953310.36	5.00	0.00
						7498697.04	953310.01	5.00	0.00
PARK167	PARK167	5.00	r			7498690.79	953413.83	5.00	0.00
						7498707.81	953413.48	5.00	0.00
						7498710.24	953377.02	5.00	0.00
						7498694.26	953375.98	5.00	0.00
PARK168	PARK168	5.00	r			7498731.76	953415.22	5.00	0.00
						7498748.78	953414.87	5.00	0.00
						7498751.21	953378.41	5.00	0.00
						7498735.24	953377.37	5.00	0.00
PARK169	PARK169	5.00	r			7498733.85	953372.16	5.00	0.00
						7498752.25	953372.51	5.00	0.00
						7498756.07	953311.74	5.00	0.00
						7498738.01	953311.40	5.00	0.00
PARK170	PARK170	5.00	r			7498754.33	953373.90	5.00	0.00
						7498772.74	953374.24	5.00	0.00
						7498776.56	953313.48	5.00	0.00
						7498758.50	953313.13	5.00	0.00
PARK171	PARK171	5.00	r			7498752.25	953416.95	5.00	0.00
						7498769.26	953416.61	5.00	0.00
						7498771.70	953380.15	5.00	0.00
						7498755.72	953379.11	5.00	0.00
PARK172	PARK172	5.00	r			7498796.00	953375.98	5.00	0.00
						7498814.40	953376.33	5.00	0.00
						7498818.22	953315.56	5.00	0.00
						7498800.17	953315.22	5.00	0.00
PARK173	PARK173	5.00	r			7498793.92	953419.04	5.00	0.00
						7498810.93	953418.69	5.00	0.00
						7498813.36	953382.23	5.00	0.00
						7498797.39	953381.19	5.00	0.00
PARK174	PARK174	5.00	r			7498813.71	953420.08	5.00	0.00
						7498830.72	953419.73	5.00	0.00
						7498833.15	953383.27	5.00	0.00
						7498817.18	953382.23	5.00	0.00
PARK175	PARK175	5.00	r			7498815.79	953377.02	5.00	0.00
						7498834.20	953377.37	5.00	0.00
						7498838.01	953316.61	5.00	0.00
						7498819.96	953316.26	5.00	0.00
PARK176	PARK176	5.00	r			7498638.36	953572.86	5.00	0.00
						7498659.20	953573.55	5.00	0.00
						7498663.71	953495.42	5.00	0.00
						7498641.83	953494.73	5.00	0.00
PARK177	PARK177	5.00	r			7498664.06	953473.20	5.00	0.00
						7498663.23	953492.65	5.00	0.00
						7498742.53	953495.77	5.00	0.00
						7498742.53	953477.02	5.00	0.00
PARK178	PARK178	5.00	r			7498658.67	953596.16	5.00	0.00
						7498747.22	953599.85	5.00	0.00
						7498748.74	953580.75	5.00	0.00
						7498660.41	953575.98	5.00	0.00
PARK179	PARK179	5.00	r			7498692.75	953536.48	5.00	0.00
						7498691.44	953557.32	5.00	0.00
						7498816.44	953561.87	5.00	0.00
						7498816.88	953541.48	5.00	0.00
PARK180	PARK180	5.00	r			7498692.75	953536.48	5.00	0.00
						7498816.88	953541.48	5.00	0.00
						7498818.18	953520.86	5.00	0.00
						7498694.05	953516.30	5.00	0.00
PARK181	PARK181	5.00	r			7498748.95	953495.69	5.00	0.00
						7498818.83	953498.07	5.00	0.00
						7498819.70	953480.49	5.00	0.00
						7498749.82	953477.46	5.00	0.00
PARK182	PARK182	5.00	r			7498754.16	953600.07	5.00	0.00
						7498842.49	953603.32	5.00	0.00
						7498844.22	953583.36	5.00	0.00
						7498755.03	953579.45	5.00	0.00
PARK183	PARK183	5.00	r			7498850.73	953603.76	5.00	0.00
						7498937.32	953607.45	5.00	0.00
						7498938.84	953586.18	5.00	0.00
						7498851.82	953582.27	5.00	0.00
PARK184	PARK184	5.00	r			7498866.57	953561.66	5.00	0.00
						7498919.09	953564.70	5.00	0.00
						7498919.96	953544.95	5.00	0.00
						7498867.01	953543.65	5.00	0.00
PARK185	PARK185	5.00	r			7498867.01	953543.65	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498919.96	953544.95	5.00	0.00
						7498921.04	953525.42	5.00	0.00
						7498868.31	953524.33	5.00	0.00
PARK186	PARK186	5.00	r			7498870.91	953483.97	5.00	0.00
						7498868.31	953501.33	5.00	0.00
						7498938.41	953503.93	5.00	0.00
						7498938.62	953486.79	5.00	0.00
PARK187	PARK187	5.00	r			7498962.71	953586.18	5.00	0.00
						7498965.53	953506.54	5.00	0.00
						7498944.48	953505.67	5.00	0.00
						7498941.44	953585.53	5.00	0.00
PARK188	PARK188	5.00	r			7500981.56	953628.80	5.00	0.00
						7501029.48	953629.32	5.00	0.00
						7501030.00	953609.53	5.00	0.00
						7500983.65	953607.44	5.00	0.00
PARK189	PARK189	5.00	r			7500965.94	953603.62	5.00	0.00
						7500985.21	953604.66	5.00	0.00
						7500985.73	953587.48	5.00	0.00
						7500966.63	953587.82	5.00	0.00
PARK190	PARK190	5.00	r			7500985.38	953584.53	5.00	0.00
						7501063.86	953588.00	5.00	0.00
						7501064.72	953568.73	5.00	0.00
						7500985.56	953565.95	5.00	0.00
PARK191	PARK191	5.00	r			7501033.82	953628.97	5.00	0.00
						7501086.95	953630.71	5.00	0.00
						7501087.81	953611.43	5.00	0.00
						7501034.69	953609.70	5.00	0.00
PARK192	PARK192	5.00	r			7501094.41	953631.40	5.00	0.00
						7501145.63	953633.48	5.00	0.00
						7501147.19	953612.82	5.00	0.00
						7501094.93	953611.26	5.00	0.00
PARK193	PARK193	5.00	r			7501147.88	953610.57	5.00	0.00
						7501165.94	953611.09	5.00	0.00
						7501166.98	953595.12	5.00	0.00
						7501148.23	953594.59	5.00	0.00
PARK194	PARK194	5.00	r			7501148.92	953572.72	5.00	0.00
						7501114.38	953571.50	5.00	0.00
						7501113.33	953591.30	5.00	0.00
						7501148.75	953592.86	5.00	0.00
PARK195	PARK195	5.00	r			7501103.49	953508.96	5.00	0.00
						7501122.58	953509.18	5.00	0.00
						7501124.54	953465.56	5.00	0.00
						7501105.66	953464.04	5.00	0.00
PARK196	PARK196	5.00	r			7501060.52	953459.92	5.00	0.00
						7501082.65	953460.13	5.00	0.00
						7501084.39	953368.77	5.00	0.00
						7501063.56	953367.90	5.00	0.00
PARK197	PARK197	5.00	r			7501105.66	953460.35	5.00	0.00
						7501127.79	953460.57	5.00	0.00
						7501129.53	953369.20	5.00	0.00
						7501108.69	953368.34	5.00	0.00
PARK198	PARK198	5.00	r			7501109.13	953362.26	5.00	0.00
						7501131.26	953362.48	5.00	0.00
						7501133.00	953271.11	5.00	0.00
						7501112.17	953270.25	5.00	0.00
PARK199	PARK199	5.00	r			7501065.73	953359.66	5.00	0.00
						7501087.86	953359.87	5.00	0.00
						7501089.60	953268.51	5.00	0.00
						7501068.76	953267.64	5.00	0.00
PARK200	PARK200	5.00	r			7501069.42	953264.60	5.00	0.00
						7501091.55	953264.82	5.00	0.00
						7501093.29	953173.46	5.00	0.00
						7501072.45	953172.59	5.00	0.00
PARK201	PARK201	5.00	r			7501111.52	953266.34	5.00	0.00
						7501133.65	953266.56	5.00	0.00
						7501135.39	953175.19	5.00	0.00
						7501114.55	953174.33	5.00	0.00
PARK202	PARK202	5.00	r			7501116.29	953170.85	5.00	0.00
						7501138.43	953171.07	5.00	0.00
						7501140.16	953079.71	5.00	0.00
						7501119.33	953078.84	5.00	0.00
PARK203	PARK203	5.00	r			7501074.19	953169.12	5.00	0.00
						7501096.33	953169.33	5.00	0.00
						7501098.06	953077.97	5.00	0.00
						7501077.23	953077.10	5.00	0.00
PARK204	PARK204	5.00	r			7501120.41	953076.67	5.00	0.00
						7501142.55	953076.89	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501144.29	952985.52	5.00	0.00
						7501123.45	952984.66	5.00	0.00
PARK205	PARK205	5.00	r			7501078.31	953074.93	5.00	0.00
						7501100.45	953075.15	5.00	0.00
						7501102.18	952983.79	5.00	0.00
						7501081.35	952982.92	5.00	0.00
PARK206	PARK206	5.00	r			7501124.32	952979.01	5.00	0.00
						7501146.46	952979.23	5.00	0.00
						7501147.83	952906.76	5.00	0.00
						7501126.75	952905.43	5.00	0.00
PARK207	PARK207	5.00	r			7501082.22	952977.28	5.00	0.00
						7501104.35	952977.49	5.00	0.00
						7501105.89	952896.54	5.00	0.00
						7501084.91	952895.89	5.00	0.00
PARK208	PARK208	5.00	r			7501084.51	952863.79	5.00	0.00
						7501102.91	952864.49	5.00	0.00
						7501106.38	952762.40	5.00	0.00
						7501088.67	952762.75	5.00	0.00
PARK209	PARK209	5.00	r			7501149.09	952857.20	5.00	0.00
						7501152.91	952787.06	5.00	0.00
						7501134.16	952786.36	5.00	0.00
						7501130.69	952857.20	5.00	0.00
PARK210	PARK210	5.00	r			7501152.56	952780.46	5.00	0.00
						7501154.30	952719.00	5.00	0.00
						7501136.59	952717.61	5.00	0.00
						7501134.16	952779.42	5.00	0.00
PARK211	PARK211	5.00	r			7501022.35	952644.35	5.00	0.00
						7501101.17	952647.13	5.00	0.00
						7501101.52	952628.72	5.00	0.00
						7501022.70	952625.95	5.00	0.00
PARK212	PARK212	5.00	r			7501004.64	952621.43	5.00	0.00
						7501022.35	952621.78	5.00	0.00
						7501023.74	952605.46	5.00	0.00
						7501004.99	952605.81	5.00	0.00
PARK213	PARK213	5.00	r			7501024.09	952584.63	5.00	0.00
						7501023.05	952601.99	5.00	0.00
						7501069.92	952604.42	5.00	0.00
						7501069.23	952586.02	5.00	0.00
PARK214	PARK214	5.00	r			7501074.44	952587.06	5.00	0.00
						7501074.09	952603.38	5.00	0.00
						7501130.34	952606.15	5.00	0.00
						7501129.30	952588.45	5.00	0.00
PARK215	PARK215	5.00	r			7501134.85	952590.18	5.00	0.00
						7501134.51	952605.11	5.00	0.00
						7501187.28	952609.28	5.00	0.00
						7501187.98	952591.22	5.00	0.00
PARK216	PARK216	5.00	r			7501187.28	952628.72	5.00	0.00
						7501205.69	952629.77	5.00	0.00
						7501206.03	952612.06	5.00	0.00
						7501187.63	952612.75	5.00	0.00
PARK217	PARK217	5.00	r			7501151.87	952649.56	5.00	0.00
						7501185.20	952650.95	5.00	0.00
						7501185.20	952632.89	5.00	0.00
						7501151.52	952632.20	5.00	0.00
PARK218	PARK218	5.00	r			7498759.17	952156.65	5.00	0.00
						7498883.30	952161.65	5.00	0.00
						7498884.61	952141.03	5.00	0.00
						7498760.48	952136.47	5.00	0.00
PARK219	PARK219	5.00	r			7498730.48	952093.37	5.00	0.00
						7498729.66	952112.82	5.00	0.00
						7498808.96	952115.94	5.00	0.00
						7498808.96	952097.19	5.00	0.00
PARK220	PARK220	5.00	r			7498815.38	952115.86	5.00	0.00
						7498885.26	952118.24	5.00	0.00
						7498886.13	952100.66	5.00	0.00
						7498816.25	952097.63	5.00	0.00
PARK221	PARK221	5.00	r			7498704.79	952193.03	5.00	0.00
						7498725.62	952193.72	5.00	0.00
						7498730.14	952115.59	5.00	0.00
						7498708.26	952114.90	5.00	0.00
PARK222	PARK222	5.00	r			7498759.17	952156.65	5.00	0.00
						7498757.87	952177.49	5.00	0.00
						7498882.87	952182.04	5.00	0.00
						7498883.30	952161.65	5.00	0.00
PARK223	PARK223	5.00	r			7498725.10	952216.33	5.00	0.00
						7498813.64	952220.02	5.00	0.00
						7498815.16	952200.92	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498726.84	952196.15	5.00	0.00
PARK224	PARK224	5.00	r			7499051.27	952206.78	5.00	0.00
						7499054.09	952127.14	5.00	0.00
						7499033.04	952126.27	5.00	0.00
						7499030.01	952206.13	5.00	0.00
PARK225	PARK225	5.00	r			7498933.44	952163.82	5.00	0.00
						7499002.86	952166.30	5.00	0.00
						7499003.73	952146.76	5.00	0.00
						7498934.74	952144.50	5.00	0.00
PARK226	PARK226	5.00	r			7498933.00	952181.83	5.00	0.00
						7499000.69	952185.39	5.00	0.00
						7499002.86	952166.30	5.00	0.00
						7498933.44	952163.82	5.00	0.00
PARK227	PARK227	5.00	r			7498937.34	952104.14	5.00	0.00
						7498934.74	952121.50	5.00	0.00
						7499033.04	952126.27	5.00	0.00
						7499033.25	952107.27	5.00	0.00
PARK228	PARK228	5.00	r			7498932.12	952224.02	5.00	0.00
						7499027.19	952228.05	5.00	0.00
						7499028.70	952206.78	5.00	0.00
						7498932.12	952204.06	5.00	0.00
PARK229	PARK229	5.00	r			7498826.23	952221.54	5.00	0.00
						7498925.61	952224.02	5.00	0.00
						7498926.91	952205.36	5.00	0.00
						7498827.10	952200.92	5.00	0.00
PARK230	PARK230	5.00	r			7498823.43	951868.69	5.00	0.00
						7498840.79	951869.73	5.00	0.00
						7498845.65	951782.92	5.00	0.00
						7498826.56	951782.23	5.00	0.00
PARK231	PARK231	5.00	r			7498795.65	952034.31	5.00	0.00
						7498814.06	952034.66	5.00	0.00
						7498817.88	951973.90	5.00	0.00
						7498799.82	951973.55	5.00	0.00
PARK232	PARK232	5.00	r			7498754.68	952032.92	5.00	0.00
						7498773.08	952033.27	5.00	0.00
						7498776.90	951972.51	5.00	0.00
						7498758.85	951972.16	5.00	0.00
PARK233	PARK233	5.00	r			7498857.81	952038.13	5.00	0.00
						7498876.21	952038.48	5.00	0.00
						7498880.03	951977.72	5.00	0.00
						7498861.97	951977.37	5.00	0.00
PARK234	PARK234	5.00	r			7498877.60	952039.17	5.00	0.00
						7498896.00	952039.52	5.00	0.00
						7498899.82	951978.76	5.00	0.00
						7498881.76	951978.41	5.00	0.00
PARK235	PARK235	5.00	r			7498884.89	951870.77	5.00	0.00
						7498902.25	951871.81	5.00	0.00
						7498907.11	951785.01	5.00	0.00
						7498888.01	951784.31	5.00	0.00
PARK236	PARK236	5.00	r			7498758.15	951963.13	5.00	0.00
						7498775.51	951964.17	5.00	0.00
						7498780.38	951877.37	5.00	0.00
						7498761.28	951876.67	5.00	0.00
PARK237	PARK237	5.00	r			7498761.63	951867.30	5.00	0.00
						7498778.99	951868.34	5.00	0.00
						7498783.85	951781.54	5.00	0.00
						7498764.75	951780.84	5.00	0.00
PARK238	PARK238	5.00	r			7498864.75	951869.73	5.00	0.00
						7498882.11	951870.77	5.00	0.00
						7498886.97	951783.97	5.00	0.00
						7498867.88	951783.27	5.00	0.00
PARK239	PARK239	5.00	r			7498819.96	951964.52	5.00	0.00
						7498837.32	951965.56	5.00	0.00
						7498842.18	951878.76	5.00	0.00
						7498823.08	951878.06	5.00	0.00
PARK240	PARK240	5.00	r			7498861.28	951965.56	5.00	0.00
						7498878.64	951966.61	5.00	0.00
						7498883.50	951879.80	5.00	0.00
						7498864.40	951879.11	5.00	0.00
PARK241	PARK241	5.00	r			7498881.42	951966.61	5.00	0.00
						7498898.78	951967.65	5.00	0.00
						7498903.64	951880.84	5.00	0.00
						7498884.54	951880.15	5.00	0.00
PARK242	PARK242	5.00	r			7498802.95	951867.99	5.00	0.00
						7498820.31	951869.04	5.00	0.00
						7498825.17	951782.23	5.00	0.00
						7498806.07	951781.54	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
PARK243	PARK243	5.00	r			7498799.47	951963.83	5.00	0.00
						7498816.83	951964.87	5.00	0.00
						7498821.70	951878.06	5.00	0.00
						7498802.60	951877.37	5.00	0.00
PARK244	PARK244	5.00	r			7498816.14	952036.05	5.00	0.00
						7498834.54	952036.40	5.00	0.00
						7498838.36	951975.63	5.00	0.00
						7498820.31	951975.29	5.00	0.00
PARK245	PARK245	5.00	r			7498925.78	952000.29	5.00	0.00
						7498945.92	952000.29	5.00	0.00
						7498950.43	951920.43	5.00	0.00
						7498929.60	951919.73	5.00	0.00
PARK246	PARK246	5.00	r			7498930.02	951882.46	5.00	0.00
						7498948.42	951883.50	5.00	0.00
						7498951.90	951786.74	5.00	0.00
						7498932.81	951786.05	5.00	0.00
PARK247	PARK247	5.00	r			7498841.17	951488.55	5.00	0.00
						7498861.66	951489.24	5.00	0.00
						7498864.78	951399.31	5.00	0.00
						7498843.60	951398.96	5.00	0.00
PARK248	PARK248	5.00	r			7498942.21	951587.85	5.00	0.00
						7498962.70	951588.55	5.00	0.00
						7498965.82	951498.62	5.00	0.00
						7498944.64	951498.27	5.00	0.00
PARK249	PARK249	5.00	r			7498880.06	951490.28	5.00	0.00
						7498900.55	951490.98	5.00	0.00
						7498903.67	951401.05	5.00	0.00
						7498882.49	951400.70	5.00	0.00
PARK250	PARK250	5.00	r			7498780.41	951486.46	5.00	0.00
						7498797.07	951487.16	5.00	0.00
						7498800.20	951397.23	5.00	0.00
						7498782.49	951397.23	5.00	0.00
PARK251	PARK251	5.00	r			7498875.55	951583.34	5.00	0.00
						7498896.03	951584.03	5.00	0.00
						7498899.16	951494.10	5.00	0.00
						7498877.98	951493.76	5.00	0.00
PARK252	PARK252	5.00	r			7498903.32	951490.98	5.00	0.00
						7498923.81	951491.67	5.00	0.00
						7498926.93	951401.74	5.00	0.00
						7498905.75	951401.39	5.00	0.00
PARK253	PARK253	5.00	r			7498815.13	951579.52	5.00	0.00
						7498835.62	951580.21	5.00	0.00
						7498838.74	951490.28	5.00	0.00
						7498817.56	951489.94	5.00	0.00
PARK254	PARK254	5.00	r			7498819.64	951486.46	5.00	0.00
						7498840.13	951487.16	5.00	0.00
						7498843.25	951397.23	5.00	0.00
						7498822.07	951396.88	5.00	0.00
PARK255	PARK255	5.00	r			7498898.81	951584.03	5.00	0.00
						7498919.30	951584.73	5.00	0.00
						7498922.42	951494.80	5.00	0.00
						7498901.24	951494.45	5.00	0.00
PARK256	PARK256	5.00	r			7498775.89	951579.52	5.00	0.00
						7498792.56	951580.21	5.00	0.00
						7498795.68	951490.28	5.00	0.00
						7498777.98	951490.28	5.00	0.00
PARK257	PARK257	5.00	r			7498836.66	951581.60	5.00	0.00
						7498857.14	951582.30	5.00	0.00
						7498860.27	951492.37	5.00	0.00
						7498839.09	951492.02	5.00	0.00
PARK258	PARK258	5.00	r			7498765.79	951772.16	5.00	0.00
						7498782.81	951771.81	5.00	0.00
						7498788.48	951682.25	5.00	0.00
						7498770.25	951681.82	5.00	0.00
PARK259	PARK259	5.00	r			7498806.76	951773.90	5.00	0.00
						7498823.78	951773.55	5.00	0.00
						7498830.14	951683.12	5.00	0.00
						7498810.18	951683.12	5.00	0.00
PARK260	PARK260	5.00	r			7498827.25	951773.90	5.00	0.00
						7498844.26	951773.55	5.00	0.00
						7498850.98	951683.99	5.00	0.00
						7498830.14	951683.12	5.00	0.00
PARK261	PARK261	5.00	r			7498867.88	951774.94	5.00	0.00
						7498884.89	951774.59	5.00	0.00
						7498892.64	951684.86	5.00	0.00
						7498873.11	951684.86	5.00	0.00
PARK262	PARK262	5.00	r			7498889.06	951774.94	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7498906.07	951774.59	5.00	0.00
						7498912.17	951685.29	5.00	0.00
						7498892.64	951684.86	5.00	0.00
PARK263	PARK263	5.00	r			7498934.89	951776.67	5.00	0.00
						7498951.90	951776.33	5.00	0.00
						7498958.61	951687.90	5.00	0.00
						7498939.08	951688.76	5.00	0.00
PARK264	PARK264	5.00	r			7498771.11	951676.18	5.00	0.00
						7498788.04	951676.18	5.00	0.00
						7498793.60	951591.32	5.00	0.00
						7498776.24	951589.94	5.00	0.00
PARK265	PARK265	5.00	r			7498814.08	951677.05	5.00	0.00
						7498830.14	951677.91	5.00	0.00
						7498835.62	951592.37	5.00	0.00
						7498818.25	951590.98	5.00	0.00
PARK266	PARK266	5.00	r			7498830.14	951677.91	5.00	0.00
						7498849.67	951678.35	5.00	0.00
						7498855.41	951592.02	5.00	0.00
						7498838.05	951590.63	5.00	0.00
PARK267	PARK267	5.00	r			7498875.28	951679.65	5.00	0.00
						7498892.64	951680.52	5.00	0.00
						7498896.73	951594.45	5.00	0.00
						7498879.37	951593.06	5.00	0.00
PARK268	PARK268	5.00	r			7498892.64	951680.52	5.00	0.00
						7498914.78	951679.22	5.00	0.00
						7498917.56	951595.84	5.00	0.00
						7498900.20	951594.45	5.00	0.00
PARK269	PARK269	5.00	r			7498940.38	951681.82	5.00	0.00
						7498957.75	951681.82	5.00	0.00
						7498962.09	951593.28	5.00	0.00
						7498943.86	951592.84	5.00	0.00
PARK270	PARK270	5.00	r			7498783.88	951390.63	5.00	0.00
						7498799.50	951389.94	5.00	0.00
						7498801.50	951316.69	5.00	0.00
						7498784.13	951316.69	5.00	0.00
PARK271	PARK271	5.00	r			7498823.46	951389.59	5.00	0.00
						7498843.34	951388.88	5.00	0.00
						7498844.90	951317.56	5.00	0.00
						7498826.24	951316.26	5.00	0.00
PARK272	PARK272	5.00	r			7498845.34	951389.94	5.00	0.00
						7498865.21	951389.23	5.00	0.00
						7498866.60	951318.00	5.00	0.00
						7498844.90	951317.56	5.00	0.00
PARK273	PARK273	5.00	r			7498885.27	951393.06	5.00	0.00
						7498905.14	951392.35	5.00	0.00
						7498906.96	951319.30	5.00	0.00
						7498890.04	951320.60	5.00	0.00
PARK274	PARK274	5.00	r			7498906.45	951393.76	5.00	0.00
						7498926.32	951393.05	5.00	0.00
						7498928.67	951321.47	5.00	0.00
						7498906.96	951319.30	5.00	0.00
PARK275	PARK275	5.00	r			7498946.46	951489.00	5.00	0.00
						7498964.69	951489.87	5.00	0.00
						7498968.16	951436.92	5.00	0.00
						7498949.07	951436.92	5.00	0.00
PARK276	PARK276	5.00	r			7498950.37	951429.54	5.00	0.00
						7498969.03	951430.41	5.00	0.00
						7498973.37	951360.10	5.00	0.00
						7498951.67	951357.93	5.00	0.00
PARK277	PARK277	5.00	r			7498739.95	951231.95	5.00	0.00
						7498760.78	951232.64	5.00	0.00
						7498765.30	951154.52	5.00	0.00
						7498743.42	951153.82	5.00	0.00
PARK278	PARK278	5.00	r			7498760.26	951255.25	5.00	0.00
						7498838.42	951258.51	5.00	0.00
						7498839.89	951239.28	5.00	0.00
						7498762.00	951235.07	5.00	0.00
PARK279	PARK279	5.00	r			7498847.42	951258.47	5.00	0.00
						7498916.24	951261.00	5.00	0.00
						7498917.65	951240.89	5.00	0.00
						7498848.28	951237.85	5.00	0.00
PARK280	PARK280	5.00	r			7499089.99	951244.58	5.00	0.00
						7499092.82	951164.93	5.00	0.00
						7499071.77	951164.06	5.00	0.00
						7499068.73	951243.93	5.00	0.00
PARK281	PARK281	5.00	r			7498967.64	951265.44	5.00	0.00
						7499063.22	951269.32	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7499064.73	951248.05	5.00	0.00
						7498968.34	951245.30	5.00	0.00
PARK282	PARK282	5.00	r			7498974.59	951138.36	5.00	0.00
						7498974.59	951156.76	5.00	0.00
						7499071.59	951160.94	5.00	0.00
						7499071.81	951143.80	5.00	0.00
PARK283	PARK283	5.00	r			7498795.72	951191.41	5.00	0.00
						7498919.86	951196.40	5.00	0.00
						7498921.16	951175.78	5.00	0.00
						7498797.03	951171.23	5.00	0.00
PARK284	PARK284	5.00	r			7498969.55	951216.58	5.00	0.00
						7499039.86	951221.69	5.00	0.00
						7499041.25	951200.16	5.00	0.00
						7498969.99	951198.57	5.00	0.00
PARK285	PARK285	5.00	r			7498795.72	951191.41	5.00	0.00
						7498794.42	951212.24	5.00	0.00
						7498919.42	951216.80	5.00	0.00
						7498919.86	951196.40	5.00	0.00
PARK286	PARK286	5.00	r			7498969.99	951198.57	5.00	0.00
						7499041.25	951200.16	5.00	0.00
						7499039.86	951180.72	5.00	0.00
						7498971.29	951179.26	5.00	0.00
PARK287	PARK287	5.00	r			7498868.34	951152.60	5.00	0.00
						7498968.34	951156.47	5.00	0.00
						7498969.20	951138.89	5.00	0.00
						7498869.38	951135.58	5.00	0.00
PARK288	PARK288	5.00	r			7498765.65	951132.29	5.00	0.00
						7498764.82	951151.74	5.00	0.00
						7498862.09	951154.68	5.00	0.00
						7498863.13	951136.62	5.00	0.00
PARK289	PARK289	5.00	r			7500994.24	952223.59	5.00	0.00
						7501013.51	952224.63	5.00	0.00
						7501014.03	952207.44	5.00	0.00
						7500994.93	952207.79	5.00	0.00
PARK290	PARK290	5.00	r			7501201.26	952230.29	5.00	0.00
						7501219.31	952230.81	5.00	0.00
						7501220.35	952214.84	5.00	0.00
						7501201.60	952214.32	5.00	0.00
PARK291	PARK291	5.00	r			7501202.22	952194.42	5.00	0.00
						7501167.67	952193.21	5.00	0.00
						7501166.63	952213.00	5.00	0.00
						7501202.05	952214.56	5.00	0.00
PARK292	PARK292	5.00	r			7501148.75	952253.45	5.00	0.00
						7501199.97	952255.53	5.00	0.00
						7501201.53	952234.87	5.00	0.00
						7501149.27	952233.31	5.00	0.00
PARK293	PARK293	5.00	r			7501087.94	952247.08	5.00	0.00
						7501141.07	952248.81	5.00	0.00
						7501141.94	952229.54	5.00	0.00
						7501088.81	952227.81	5.00	0.00
PARK294	PARK294	5.00	r			7501013.33	952205.53	5.00	0.00
						7501118.52	952210.03	5.00	0.00
						7501117.13	952190.93	5.00	0.00
						7501013.51	952186.96	5.00	0.00
PARK295	PARK295	5.00	r			7501011.92	952245.79	5.00	0.00
						7501079.08	952246.98	5.00	0.00
						7501079.60	952227.19	5.00	0.00
						7501013.51	952224.63	5.00	0.00
PARK296	PARK296	5.00	r			7501158.65	952129.95	5.00	0.00
						7501177.40	952130.30	5.00	0.00
						7501180.17	952086.55	5.00	0.00
						7501160.73	952085.85	5.00	0.00
PARK297	PARK297	5.00	r			7501160.38	952078.91	5.00	0.00
						7501179.48	952079.60	5.00	0.00
						7501183.30	951999.74	5.00	0.00
						7501163.16	952000.09	5.00	0.00
PARK298	PARK298	5.00	r			7501115.94	952081.69	5.00	0.00
						7501131.56	952082.03	5.00	0.00
						7501137.12	951999.74	5.00	0.00
						7501119.76	951999.05	5.00	0.00
PARK299	PARK299	5.00	r			7501121.15	951989.32	5.00	0.00
						7501137.81	951990.37	5.00	0.00
						7501141.29	951912.24	5.00	0.00
						7501124.27	951913.28	5.00	0.00
PARK300	PARK300	5.00	r			7501164.20	951992.10	5.00	0.00
						7501181.91	951992.10	5.00	0.00
						7501185.38	951923.00	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501166.63	951920.92	5.00	0.00
PARK301	PARK301	5.00	r			7501144.06	951880.64	5.00	0.00
						7501145.45	951792.80	5.00	0.00
						7501127.05	951792.80	5.00	0.00
						7501124.62	951879.60	5.00	0.00
PARK302	PARK302	5.00	r			7501168.02	951872.66	5.00	0.00
						7501187.47	951871.62	5.00	0.00
						7501190.94	951794.53	5.00	0.00
						7501173.58	951792.45	5.00	0.00
PARK303	PARK303	5.00	r			7501146.84	951783.42	5.00	0.00
						7501149.27	951695.23	5.00	0.00
						7501130.87	951695.57	5.00	0.00
						7501129.13	951783.42	5.00	0.00
PARK304	PARK304	5.00	r			7501172.19	951785.50	5.00	0.00
						7501191.98	951785.50	5.00	0.00
						7501195.45	951696.62	5.00	0.00
						7501175.31	951695.57	5.00	0.00
PARK305	PARK305	5.00	r			7501150.31	951686.55	5.00	0.00
						7501153.79	951608.42	5.00	0.00
						7501134.69	951607.73	5.00	0.00
						7501132.26	951687.24	5.00	0.00
PARK306	PARK306	5.00	r			7501175.66	951690.37	5.00	0.00
						7501195.45	951691.41	5.00	0.00
						7501198.23	951610.50	5.00	0.00
						7501178.79	951609.46	5.00	0.00
PARK307	PARK307	5.00	r			7501180.17	951601.48	5.00	0.00
						7501198.23	951602.17	5.00	0.00
						7501201.70	951523.00	5.00	0.00
						7501182.61	951522.31	5.00	0.00
PARK308	PARK308	5.00	r			7501154.83	951600.44	5.00	0.00
						7501156.91	951522.66	5.00	0.00
						7501138.16	951523.35	5.00	0.00
						7501138.86	951600.44	5.00	0.00
PARK309	PARK309	5.00	r			7501157.26	951513.28	5.00	0.00
						7501159.69	951457.03	5.00	0.00
						7501142.33	951456.69	5.00	0.00
						7501139.55	951511.89	5.00	0.00
PARK310	PARK310	5.00	r			7501183.30	951514.32	5.00	0.00
						7501202.74	951514.67	5.00	0.00
						7501205.17	951464.67	5.00	0.00
						7501185.73	951463.28	5.00	0.00
PARK311	PARK311	5.00	r			7501186.77	951454.60	5.00	0.00
						7501204.83	951455.30	5.00	0.00
						7501207.26	951411.55	5.00	0.00
						7501187.12	951412.94	5.00	0.00
PARK312	PARK312	5.00	r			7501237.84	951328.27	5.00	0.00
						7501256.94	951329.14	5.00	0.00
						7501258.68	951310.91	5.00	0.00
						7501237.84	951310.04	5.00	0.00
PARK313	PARK313	5.00	r			7501206.16	951349.10	5.00	0.00
						7501236.11	951350.40	5.00	0.00
						7501237.41	951332.09	5.00	0.00
						7501207.20	951330.70	5.00	0.00
PARK314	PARK314	5.00	r			7501239.14	951289.73	5.00	0.00
						7501186.71	951287.64	5.00	0.00
						7501185.33	951306.74	5.00	0.00
						7501237.84	951310.04	5.00	0.00
PARK315	PARK315	5.00	r			7501178.38	951305.70	5.00	0.00
						7501181.16	951287.30	5.00	0.00
						7501126.64	951284.87	5.00	0.00
						7501126.30	951304.31	5.00	0.00
PARK316	PARK316	5.00	r			7501046.78	951321.67	5.00	0.00
						7501047.83	951304.66	5.00	0.00
						7501030.46	951303.96	5.00	0.00
						7501029.77	951321.32	5.00	0.00
PARK317	PARK317	5.00	r			7501047.13	951343.55	5.00	0.00
						7501152.69	951347.02	5.00	0.00
						7501153.73	951330.35	5.00	0.00
						7501047.13	951326.18	5.00	0.00
PARK318	PARK318	5.00	r			7501050.26	951282.09	5.00	0.00
						7501049.21	951301.18	5.00	0.00
						7501119.70	951304.31	5.00	0.00
						7501120.05	951286.25	5.00	0.00
PARK319	PARK319	5.00	r			7501476.30	953588.34	5.00	0.00
						7501545.31	953590.94	5.00	0.00
						7501547.13	953573.75	5.00	0.00
						7501477.34	953570.11	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
PARK320	PARK320	5.00	r			7501554.16	953591.98	5.00	0.00
						7501623.17	953594.85	5.00	0.00
						7501625.26	953576.10	5.00	0.00
						7501555.46	953572.97	5.00	0.00
PARK321	PARK321	5.00	r			7501476.08	953568.94	5.00	0.00
						7501478.79	953518.70	5.00	0.00
						7501459.80	953517.72	5.00	0.00
						7501458.61	953568.83	5.00	0.00
PARK322	PARK322	5.00	r			7501500.39	953536.28	5.00	0.00
						7501518.94	953536.82	5.00	0.00
						7501522.74	953468.46	5.00	0.00
						7501503.42	953467.70	5.00	0.00
PARK323	PARK323	5.00	r			7501460.60	953509.35	5.00	0.00
						7501478.66	953510.05	5.00	0.00
						7501482.82	953430.18	5.00	0.00
						7501464.07	953430.18	5.00	0.00
PARK324	PARK324	5.00	r			7501523.10	953460.74	5.00	0.00
						7501525.88	953388.52	5.00	0.00
						7501505.39	953387.13	5.00	0.00
						7501503.66	953460.39	5.00	0.00
PARK325	PARK325	5.00	r			7501464.07	953422.55	5.00	0.00
						7501482.48	953422.89	5.00	0.00
						7501486.29	953353.80	5.00	0.00
						7501467.20	953353.10	5.00	0.00
PARK326	PARK326	5.00	r			7501631.78	953429.49	5.00	0.00
						7501650.18	953429.84	5.00	0.00
						7501654.00	953360.74	5.00	0.00
						7501634.91	953360.05	5.00	0.00
PARK327	PARK327	5.00	r			7501643.79	953575.88	5.00	0.00
						7501646.50	953525.64	5.00	0.00
						7501627.51	953524.67	5.00	0.00
						7501626.32	953575.77	5.00	0.00
PARK328	PARK328	5.00	r			7501628.31	953516.30	5.00	0.00
						7501646.36	953516.99	5.00	0.00
						7501650.53	953437.13	5.00	0.00
						7501631.78	953437.13	5.00	0.00
PARK329	PARK329	5.00	r			7501543.93	953462.48	5.00	0.00
						7501546.71	953390.25	5.00	0.00
						7501526.23	953388.87	5.00	0.00
						7501524.49	953462.13	5.00	0.00
PARK330	PARK330	5.00	r			7501521.22	953538.01	5.00	0.00
						7501539.77	953538.55	5.00	0.00
						7501543.57	953470.19	5.00	0.00
						7501524.26	953469.44	5.00	0.00
PARK331	PARK331	5.00	r			7501565.32	953538.71	5.00	0.00
						7501583.87	953539.25	5.00	0.00
						7501587.67	953470.89	5.00	0.00
						7501568.35	953470.13	5.00	0.00
PARK332	PARK332	5.00	r			7501608.86	953464.91	5.00	0.00
						7501611.64	953392.68	5.00	0.00
						7501591.16	953391.30	5.00	0.00
						7501589.42	953464.56	5.00	0.00
PARK333	PARK333	5.00	r			7501588.03	953463.17	5.00	0.00
						7501590.81	953390.95	5.00	0.00
						7501570.32	953389.56	5.00	0.00
						7501568.59	953462.82	5.00	0.00
PARK334	PARK334	5.00	r			7501586.15	953540.44	5.00	0.00
						7501604.70	953540.98	5.00	0.00
						7501608.50	953472.63	5.00	0.00
						7501589.19	953471.87	5.00	0.00
PARK335	PARK335	5.00	r			7501593.52	952230.92	5.00	0.00
						7501574.96	952230.50	5.00	0.00
						7501571.62	952298.89	5.00	0.00
						7501590.94	952299.52	5.00	0.00
PARK336	PARK336	5.00	r			7501682.20	952180.69	5.00	0.00
						7501613.17	952178.55	5.00	0.00
						7501611.47	952195.75	5.00	0.00
						7501681.28	952198.92	5.00	0.00
PARK337	PARK337	5.00	r			7501636.26	952308.60	5.00	0.00
						7501633.97	952380.84	5.00	0.00
						7501654.47	952382.09	5.00	0.00
						7501655.71	952308.81	5.00	0.00
PARK338	PARK338	5.00	r			7501682.55	952200.09	5.00	0.00
						7501680.18	952250.34	5.00	0.00
						7501699.17	952251.19	5.00	0.00
						7501700.02	952200.08	5.00	0.00
PARK339	PARK339	5.00	r			7501604.31	952177.57	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501535.28	952175.17	5.00	0.00
						7501533.33	952193.93	5.00	0.00
						7501603.14	952196.59	5.00	0.00
PARK340	PARK340	5.00	r			7501637.62	952231.32	5.00	0.00
						7501619.06	952230.90	5.00	0.00
						7501615.73	952299.28	5.00	0.00
						7501635.04	952299.91	5.00	0.00
PARK341	PARK341	5.00	r			7501572.67	952229.32	5.00	0.00
						7501554.12	952228.91	5.00	0.00
						7501550.78	952297.29	5.00	0.00
						7501570.10	952297.92	5.00	0.00
PARK342	PARK342	5.00	r			7501530.68	952253.76	5.00	0.00
						7501512.62	952253.18	5.00	0.00
						7501508.99	952333.07	5.00	0.00
						7501527.74	952332.94	5.00	0.00
PARK343	PARK343	5.00	r			7501658.46	952232.91	5.00	0.00
						7501639.91	952232.49	5.00	0.00
						7501636.57	952300.88	5.00	0.00
						7501655.89	952301.51	5.00	0.00
PARK344	PARK344	5.00	r			7501514.80	952194.28	5.00	0.00
						7501512.42	952244.53	5.00	0.00
						7501531.42	952245.38	5.00	0.00
						7501532.27	952194.27	5.00	0.00
PARK345	PARK345	5.00	r			7501527.79	952340.58	5.00	0.00
						7501509.39	952340.36	5.00	0.00
						7501506.04	952409.48	5.00	0.00
						7501525.14	952410.05	5.00	0.00
PARK346	PARK346	5.00	r			7501698.43	952259.57	5.00	0.00
						7501680.37	952258.99	5.00	0.00
						7501676.74	952338.88	5.00	0.00
						7501695.49	952338.76	5.00	0.00
PARK347	PARK347	5.00	r			7501550.47	952305.01	5.00	0.00
						7501548.18	952377.25	5.00	0.00
						7501568.68	952378.50	5.00	0.00
						7501569.92	952305.23	5.00	0.00
PARK348	PARK348	5.00	r			7501695.54	952346.39	5.00	0.00
						7501677.14	952346.17	5.00	0.00
						7501673.79	952415.29	5.00	0.00
						7501692.89	952415.86	5.00	0.00
PARK349	PARK349	5.00	r			7501571.31	952306.61	5.00	0.00
						7501569.02	952378.85	5.00	0.00
						7501589.52	952380.10	5.00	0.00
						7501590.76	952306.82	5.00	0.00
PARK350	PARK350	5.00	r			7501615.42	952307.00	5.00	0.00
						7501613.13	952379.24	5.00	0.00
						7501633.62	952380.49	5.00	0.00
						7501634.86	952307.22	5.00	0.00
PARK351	PARK351	5.00	r			7501468.47	953288.78	5.00	0.00
						7501485.83	953289.65	5.00	0.00
						7501487.13	953227.15	5.00	0.00
						7501471.51	953226.28	5.00	0.00
PARK352	PARK352	5.00	r			7501488.87	953220.64	5.00	0.00
						7501491.04	953158.14	5.00	0.00
						7501473.68	953158.57	5.00	0.00
						7501472.38	953221.07	5.00	0.00
PARK353	PARK353	5.00	r			7501474.98	953149.89	5.00	0.00
						7501492.34	953151.63	5.00	0.00
						7501494.51	953080.45	5.00	0.00
						7501477.59	953080.88	5.00	0.00
PARK354	PARK354	5.00	r			7501518.17	953151.84	5.00	0.00
						7501535.53	953153.58	5.00	0.00
						7501537.70	953082.40	5.00	0.00
						7501520.77	953082.83	5.00	0.00
PARK355	PARK355	5.00	r			7501511.66	953290.73	5.00	0.00
						7501529.02	953291.60	5.00	0.00
						7501530.32	953229.10	5.00	0.00
						7501514.69	953228.23	5.00	0.00
PARK356	PARK356	5.00	r			7501532.06	953222.59	5.00	0.00
						7501534.23	953160.09	5.00	0.00
						7501516.86	953160.52	5.00	0.00
						7501515.56	953223.02	5.00	0.00
PARK357	PARK357	5.00	r			7501529.45	953293.77	5.00	0.00
						7501546.81	953294.64	5.00	0.00
						7501548.11	953232.14	5.00	0.00
						7501532.49	953231.27	5.00	0.00
PARK358	PARK358	5.00	r			7501535.96	953154.88	5.00	0.00
						7501553.32	953156.62	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501555.49	953085.44	5.00	0.00
						7501538.57	953085.87	5.00	0.00
PARK359	PARK359	5.00	r			7501549.85	953225.63	5.00	0.00
						7501552.02	953163.13	5.00	0.00
						7501534.66	953163.56	5.00	0.00
						7501533.36	953226.06	5.00	0.00
PARK360	PARK360	5.00	r			7501576.54	953251.24	5.00	0.00
						7501594.56	953251.67	5.00	0.00
						7501598.68	953171.81	5.00	0.00
						7501579.80	953171.16	5.00	0.00
PARK361	PARK361	5.00	r			7501582.62	953137.30	5.00	0.00
						7501599.98	953137.30	5.00	0.00
						7501602.59	953078.28	5.00	0.00
						7501584.14	953077.19	5.00	0.00
PARK362	PARK362	5.00	r			7501583.40	953044.81	5.00	0.00
						7501603.71	953045.85	5.00	0.00
						7501607.62	952965.12	5.00	0.00
						7501586.79	952964.60	5.00	0.00
PARK363	PARK363	5.00	r			7501478.45	953030.49	5.00	0.00
						7501498.51	953031.27	5.00	0.00
						7501503.19	952962.52	5.00	0.00
						7501481.84	952962.26	5.00	0.00
PARK364	PARK364	5.00	r			7501518.04	953031.01	5.00	0.00
						7501538.09	953031.79	5.00	0.00
						7501542.78	952963.04	5.00	0.00
						7501521.42	952962.78	5.00	0.00
PARK365	PARK365	5.00	r			7501540.95	953031.53	5.00	0.00
						7501561.01	953032.31	5.00	0.00
						7501565.69	952963.56	5.00	0.00
						7501544.34	952963.30	5.00	0.00
PARK366	PARK366	5.00	r			7501482.88	952953.93	5.00	0.00
						7501500.59	952954.19	5.00	0.00
						7501504.76	952866.95	5.00	0.00
						7501486.01	952867.47	5.00	0.00
PARK367	PARK367	5.00	r			7501486.01	952858.61	5.00	0.00
						7501505.02	952858.61	5.00	0.00
						7501507.88	952769.55	5.00	0.00
						7501488.61	952769.29	5.00	0.00
PARK368	PARK368	5.00	r			7501489.65	952761.74	5.00	0.00
						7501508.40	952761.48	5.00	0.00
						7501512.05	952673.72	5.00	0.00
						7501493.56	952673.98	5.00	0.00
PARK369	PARK369	5.00	r			7501512.31	952665.91	5.00	0.00
						7501515.95	952577.62	5.00	0.00
						7501495.90	952577.62	5.00	0.00
						7501493.30	952665.64	5.00	0.00
PARK370	PARK370	5.00	r			7501497.20	952568.51	5.00	0.00
						7501516.47	952569.29	5.00	0.00
						7501521.94	952470.85	5.00	0.00
						7501501.37	952469.55	5.00	0.00
PARK371	PARK371	5.00	r			7501537.83	952569.55	5.00	0.00
						7501557.10	952570.33	5.00	0.00
						7501562.57	952471.89	5.00	0.00
						7501542.00	952470.59	5.00	0.00
PARK372	PARK372	5.00	r			7501530.28	952762.78	5.00	0.00
						7501549.03	952762.52	5.00	0.00
						7501552.67	952674.76	5.00	0.00
						7501534.18	952675.02	5.00	0.00
PARK373	PARK373	5.00	r			7501526.63	952859.66	5.00	0.00
						7501545.64	952859.66	5.00	0.00
						7501548.51	952770.59	5.00	0.00
						7501529.23	952770.33	5.00	0.00
PARK374	PARK374	5.00	r			7501523.51	952954.97	5.00	0.00
						7501541.21	952955.23	5.00	0.00
						7501545.38	952867.99	5.00	0.00
						7501526.63	952868.51	5.00	0.00
PARK375	PARK375	5.00	r			7501552.93	952666.95	5.00	0.00
						7501556.58	952578.67	5.00	0.00
						7501536.53	952578.67	5.00	0.00
						7501533.92	952666.69	5.00	0.00
PARK376	PARK376	5.00	r			7501552.15	952762.78	5.00	0.00
						7501570.90	952762.52	5.00	0.00
						7501574.55	952674.76	5.00	0.00
						7501556.06	952675.02	5.00	0.00
PARK377	PARK377	5.00	r			7501548.51	952859.66	5.00	0.00
						7501567.52	952859.66	5.00	0.00
						7501570.38	952770.59	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501551.11	952770.33	5.00	0.00
PARK378	PARK378	5.00	r			7501574.81	952666.95	5.00	0.00
						7501578.45	952578.67	5.00	0.00
						7501558.40	952578.67	5.00	0.00
						7501555.80	952666.69	5.00	0.00
PARK379	PARK379	5.00	r			7501559.70	952569.55	5.00	0.00
						7501578.97	952570.33	5.00	0.00
						7501584.44	952471.89	5.00	0.00
						7501563.87	952470.59	5.00	0.00
PARK380	PARK380	5.00	r			7501545.38	952954.97	5.00	0.00
						7501563.09	952955.23	5.00	0.00
						7501567.26	952867.99	5.00	0.00
						7501548.51	952868.51	5.00	0.00
PARK381	PARK381	5.00	r			7501593.82	952765.38	5.00	0.00
						7501612.57	952765.12	5.00	0.00
						7501616.21	952677.36	5.00	0.00
						7501597.72	952677.62	5.00	0.00
PARK382	PARK382	5.00	r			7501590.17	952862.26	5.00	0.00
						7501609.18	952862.26	5.00	0.00
						7501612.05	952773.20	5.00	0.00
						7501592.78	952772.94	5.00	0.00
PARK383	PARK383	5.00	r			7501587.05	952957.57	5.00	0.00
						7501604.76	952957.83	5.00	0.00
						7501608.92	952870.59	5.00	0.00
						7501590.17	952871.11	5.00	0.00
PARK384	PARK384	5.00	r			7501599.55	952668.87	5.00	0.00
						7501618.04	952669.92	5.00	0.00
						7501621.94	952616.53	5.00	0.00
						7501602.15	952615.75	5.00	0.00
PARK385	PARK385	5.00	r			7501601.63	952610.02	5.00	0.00
						7501620.64	952611.06	5.00	0.00
						7501624.81	952538.41	5.00	0.00
						7501604.76	952539.19	5.00	0.00
PARK386	PARK386	5.00	r			7503644.34	953675.64	5.00	0.00
						7503742.43	953679.99	5.00	0.00
						7503744.60	953657.85	5.00	0.00
						7503643.90	953653.94	5.00	0.00
PARK387	PARK387	5.00	r			7503643.90	953653.94	5.00	0.00
						7503645.47	953631.46	5.00	0.00
						7503630.02	953630.77	5.00	0.00
						7503629.50	953653.16	5.00	0.00
PARK388	PARK388	5.00	r			7503628.97	953621.91	5.00	0.00
						7503648.07	953622.09	5.00	0.00
						7503652.76	953535.11	5.00	0.00
						7503633.49	953534.76	5.00	0.00
PARK389	PARK389	5.00	r			7503634.18	953525.56	5.00	0.00
						7503652.93	953526.25	5.00	0.00
						7503657.97	953440.84	5.00	0.00
						7503637.31	953439.97	5.00	0.00
PARK390	PARK390	5.00	r			7503736.44	953531.46	5.00	0.00
						7503753.63	953531.46	5.00	0.00
						7503757.62	953447.78	5.00	0.00
						7503739.39	953446.91	5.00	0.00
PARK391	PARK391	5.00	r			7503673.07	953546.57	5.00	0.00
						7503693.04	953546.74	5.00	0.00
						7503695.64	953485.45	5.00	0.00
						7503675.68	953485.11	5.00	0.00
PARK392	PARK392	5.00	r			7503693.04	953546.74	5.00	0.00
						7503711.27	953547.61	5.00	0.00
						7503714.91	953485.97	5.00	0.00
						7503695.64	953485.45	5.00	0.00
PARK393	PARK393	5.00	r			7503669.43	953624.86	5.00	0.00
						7503689.74	953625.04	5.00	0.00
						7503692.86	953554.38	5.00	0.00
						7503672.55	953554.20	5.00	0.00
PARK394	PARK394	5.00	r			7503689.74	953625.04	5.00	0.00
						7503710.57	953626.43	5.00	0.00
						7503713.00	953555.25	5.00	0.00
						7503692.86	953554.38	5.00	0.00
PARK395	PARK395	5.00	r			7503730.54	953626.08	5.00	0.00
						7503750.85	953626.08	5.00	0.00
						7503754.67	953539.45	5.00	0.00
						7503735.57	953537.88	5.00	0.00
PARK396	PARK396	5.00	r			7503751.25	953355.92	5.00	0.00
						7503771.56	953356.18	5.00	0.00
						7503772.60	953319.72	5.00	0.00
						7503754.63	953320.24	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
PARK397	PARK397	5.00	r			7503753.07	953314.51	5.00	0.00
						7503773.12	953314.51	5.00	0.00
						7503776.77	953225.97	5.00	0.00
						7503756.45	953225.71	5.00	0.00
PARK398	PARK398	5.00	r			7503756.71	953218.68	5.00	0.00
						7503778.33	953218.68	5.00	0.00
						7503780.67	953129.88	5.00	0.00
						7503759.84	953129.62	5.00	0.00
PARK399	PARK399	5.00	r			7503759.58	953122.06	5.00	0.00
						7503781.19	953122.59	5.00	0.00
						7503784.84	953033.00	5.00	0.00
						7503764.01	953031.96	5.00	0.00
PARK400	PARK400	5.00	r			7503764.53	953024.41	5.00	0.00
						7503785.36	953023.89	5.00	0.00
						7503788.22	952938.21	5.00	0.00
						7503768.69	952937.17	5.00	0.00
PARK401	PARK401	5.00	r			7503769.21	952929.36	5.00	0.00
						7503789.01	952930.66	5.00	0.00
						7503791.61	952841.07	5.00	0.00
						7503771.82	952840.55	5.00	0.00
PARK402	PARK402	5.00	r			7503771.56	952833.26	5.00	0.00
						7503792.39	952833.52	5.00	0.00
						7503798.64	952746.54	5.00	0.00
						7503776.77	952745.24	5.00	0.00
PARK403	PARK403	5.00	r			7503776.25	952738.99	5.00	0.00
						7503798.90	952739.51	5.00	0.00
						7503802.55	952649.93	5.00	0.00
						7503779.37	952649.67	5.00	0.00
PARK404	PARK404	5.00	r			7503779.89	952639.77	5.00	0.00
						7503801.25	952640.81	5.00	0.00
						7503802.29	952606.44	5.00	0.00
						7503781.45	952606.96	5.00	0.00
PARK405	PARK405	5.00	r			7503809.14	951543.44	5.00	0.00
						7503827.72	951544.14	5.00	0.00
						7503832.06	951455.25	5.00	0.00
						7503813.14	951454.38	5.00	0.00
PARK406	PARK406	5.00	r			7503757.76	951732.68	5.00	0.00
						7503775.98	951732.51	5.00	0.00
						7503779.28	951645.70	5.00	0.00
						7503760.53	951645.35	5.00	0.00
PARK407	PARK407	5.00	r			7503801.68	951735.46	5.00	0.00
						7503820.08	951736.33	5.00	0.00
						7503824.08	951647.44	5.00	0.00
						7503805.33	951647.09	5.00	0.00
PARK408	PARK408	5.00	r			7503764.87	951541.19	5.00	0.00
						7503783.62	951541.71	5.00	0.00
						7503787.44	951454.56	5.00	0.00
						7503768.35	951453.51	5.00	0.00
PARK409	PARK409	5.00	r			7503818.52	951281.64	5.00	0.00
						7503838.31	951281.81	5.00	0.00
						7503841.96	951222.26	5.00	0.00
						7503819.91	951220.87	5.00	0.00
PARK410	PARK410	5.00	r			7503804.63	951639.97	5.00	0.00
						7503824.42	951640.84	5.00	0.00
						7503827.89	951552.30	5.00	0.00
						7503807.76	951551.08	5.00	0.00
PARK411	PARK411	5.00	r			7503795.08	951924.17	5.00	0.00
						7503812.10	951925.91	5.00	0.00
						7503816.09	951841.01	5.00	0.00
						7503797.69	951839.97	5.00	0.00
PARK412	PARK412	5.00	r			7503749.60	951920.18	5.00	0.00
						7503769.39	951920.35	5.00	0.00
						7503773.03	951839.45	5.00	0.00
						7503752.89	951838.58	5.00	0.00
PARK413	PARK413	5.00	r			7503753.24	951829.38	5.00	0.00
						7503772.86	951829.90	5.00	0.00
						7503776.51	951741.71	5.00	0.00
						7503757.23	951741.71	5.00	0.00
PARK414	PARK414	5.00	r			7503791.61	951970.18	5.00	0.00
						7503810.71	951971.05	5.00	0.00
						7503814.18	951933.72	5.00	0.00
						7503795.08	951932.85	5.00	0.00
PARK415	PARK415	5.00	r			7503812.10	951448.31	5.00	0.00
						7503831.71	951448.13	5.00	0.00
						7503835.88	951359.94	5.00	0.00
						7503817.13	951359.42	5.00	0.00
PARK416	PARK416	5.00	r			7503797.34	951831.81	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7503816.78	951832.51	5.00	0.00
						7503820.26	951744.31	5.00	0.00
						7503801.85	951743.44	5.00	0.00
PARK417	PARK417	5.00	r			7503760.88	951638.58	5.00	0.00
						7503779.46	951638.93	5.00	0.00
						7503783.45	951550.22	5.00	0.00
						7503763.66	951549.69	5.00	0.00
PARK418	PARK418	5.00	r			7503814.70	951351.78	5.00	0.00
						7503835.01	951352.47	5.00	0.00
						7503837.79	951290.49	5.00	0.00
						7503818.35	951289.10	5.00	0.00
PARK419	PARK419	5.00	r			7503772.86	951350.04	5.00	0.00
						7503792.13	951351.95	5.00	0.00
						7503795.78	951266.88	5.00	0.00
						7503775.46	951266.53	5.00	0.00
PARK420	PARK420	5.00	r			7503768.52	951445.35	5.00	0.00
						7503789.01	951446.92	5.00	0.00
						7503793.35	951359.07	5.00	0.00
						7503771.82	951358.03	5.00	0.00
PARK421	PARK421	5.00	r			7503837.24	950845.22	5.00	0.00
						7503856.68	950844.88	5.00	0.00
						7503858.76	950790.71	5.00	0.00
						7503838.80	950790.88	5.00	0.00
PARK422	PARK422	5.00	r			7503794.88	950790.02	5.00	0.00
						7503813.28	950791.75	5.00	0.00
						7503817.62	950729.43	5.00	0.00
						7503797.48	950728.90	5.00	0.00
PARK423	PARK423	5.00	r			7503837.24	950785.50	5.00	0.00
						7503858.07	950785.33	5.00	0.00
						7503861.37	950731.51	5.00	0.00
						7503840.88	950731.16	5.00	0.00
PARK424	PARK424	5.00	r			7503798.00	950723.09	5.00	0.00
						7503818.66	950722.91	5.00	0.00
						7503821.78	950631.94	5.00	0.00
						7503801.65	950632.46	5.00	0.00
PARK425	PARK425	5.00	r			7503861.37	950726.39	5.00	0.00
						7503865.53	950636.80	5.00	0.00
						7503845.40	950634.37	5.00	0.00
						7503841.23	950725.35	5.00	0.00
PARK426	PARK426	5.00	r			7503802.17	950626.73	5.00	0.00
						7503819.88	950627.26	5.00	0.00
						7503823.00	950538.54	5.00	0.00
						7503805.64	950538.89	5.00	0.00
PARK427	PARK427	5.00	r			7503864.49	950629.69	5.00	0.00
						7503869.01	950541.14	5.00	0.00
						7503849.74	950539.76	5.00	0.00
						7503845.92	950628.64	5.00	0.00
PARK428	PARK428	5.00	r			7503805.81	950531.77	5.00	0.00
						7503824.04	950532.81	5.00	0.00
						7503827.86	950443.75	5.00	0.00
						7503808.94	950444.27	5.00	0.00
PARK429	PARK429	5.00	r			7503868.14	950534.03	5.00	0.00
						7503872.48	950444.96	5.00	0.00
						7503852.17	950444.27	5.00	0.00
						7503849.91	950533.16	5.00	0.00
PARK430	PARK430	5.00	r			7503809.28	950434.55	5.00	0.00
						7503827.17	950434.89	5.00	0.00
						7503831.33	950344.62	5.00	0.00
						7503813.10	950344.27	5.00	0.00
PARK431	PARK431	5.00	r			7503872.48	950437.67	5.00	0.00
						7503876.99	950346.70	5.00	0.00
						7503856.33	950345.83	5.00	0.00
						7503853.21	950435.59	5.00	0.00
PARK432	PARK432	5.00	r			7503813.80	950337.67	5.00	0.00
						7503830.99	950337.67	5.00	0.00
						7503834.98	950248.78	5.00	0.00
						7503817.27	950249.48	5.00	0.00
PARK433	PARK433	5.00	r			7503875.95	950340.45	5.00	0.00
						7503880.47	950250.87	5.00	0.00
						7503860.85	950250.52	5.00	0.00
						7503857.38	950339.76	5.00	0.00
PARK434	PARK434	5.00	r			7503817.44	950242.01	5.00	0.00
						7503836.19	950241.66	5.00	0.00
						7503838.28	950172.05	5.00	0.00
						7503820.92	950172.74	5.00	0.00
PARK435	PARK435	5.00	r			7503860.33	950244.10	5.00	0.00
						7503880.64	950244.27	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7503882.55	950190.97	5.00	0.00
						7503862.76	950190.10	5.00	0.00
PARK436	PARK436	5.00	r			7503863.45	950182.98	5.00	0.00
						7503883.94	950182.98	5.00	0.00
						7503885.50	950132.29	5.00	0.00
						7503864.84	950131.42	5.00	0.00
PARK437	PARK437	5.00	r			7501585.07	950373.78	5.00	0.00
						7501602.43	950373.78	5.00	0.00
						7501604.16	950300.00	5.00	0.00
						7501586.80	950298.70	5.00	0.00
PARK438	PARK438	5.00	r			7501588.97	950293.05	5.00	0.00
						7501605.47	950293.92	5.00	0.00
						7501608.07	950212.32	5.00	0.00
						7501591.14	950211.89	5.00	0.00
PARK439	PARK439	5.00	r			7501592.01	950205.81	5.00	0.00
						7501607.64	950206.68	5.00	0.00
						7501610.24	950126.39	5.00	0.00
						7501594.61	950125.95	5.00	0.00
PARK440	PARK440	5.00	r			7501596.35	950118.57	5.00	0.00
						7501614.15	950119.88	5.00	0.00
						7501618.05	950041.75	5.00	0.00
						7501596.78	950041.75	5.00	0.00
PARK441	PARK441	5.00	r			7501703.12	950122.91	5.00	0.00
						7501718.31	950123.78	5.00	0.00
						7501721.78	950076.91	5.00	0.00
						7501703.12	950074.30	5.00	0.00
PARK442	PARK442	5.00	r			7501628.03	950377.69	5.00	0.00
						7501645.40	950377.69	5.00	0.00
						7501647.13	950303.90	5.00	0.00
						7501629.77	950302.60	5.00	0.00
PARK443	PARK443	5.00	r			7501639.32	950122.48	5.00	0.00
						7501657.11	950123.78	5.00	0.00
						7501661.02	950045.66	5.00	0.00
						7501639.75	950045.66	5.00	0.00
PARK444	PARK444	5.00	r			7501634.98	950209.72	5.00	0.00
						7501650.60	950210.59	5.00	0.00
						7501653.21	950130.29	5.00	0.00
						7501637.58	950129.86	5.00	0.00
PARK445	PARK445	5.00	r			7501631.94	950296.96	5.00	0.00
						7501648.43	950297.83	5.00	0.00
						7501651.04	950216.23	5.00	0.00
						7501634.11	950215.80	5.00	0.00
PARK446	PARK446	5.00	r			7501650.60	950297.39	5.00	0.00
						7501667.10	950298.26	5.00	0.00
						7501669.70	950216.66	5.00	0.00
						7501652.77	950216.23	5.00	0.00
PARK447	PARK447	5.00	r			7501646.70	950378.12	5.00	0.00
						7501664.06	950378.12	5.00	0.00
						7501665.80	950304.34	5.00	0.00
						7501648.43	950303.04	5.00	0.00
PARK448	PARK448	5.00	r			7501657.98	950122.91	5.00	0.00
						7501675.78	950124.22	5.00	0.00
						7501679.68	950046.09	5.00	0.00
						7501658.42	950046.09	5.00	0.00
PARK449	PARK449	5.00	r			7501653.64	950210.15	5.00	0.00
						7501669.27	950211.02	5.00	0.00
						7501671.87	950130.73	5.00	0.00
						7501656.25	950130.29	5.00	0.00
PARK450	PARK450	5.00	r			7501699.22	950213.19	5.00	0.00
						7501714.84	950214.06	5.00	0.00
						7501717.44	950133.77	5.00	0.00
						7501701.82	950133.33	5.00	0.00
PARK451	PARK451	5.00	r			7501696.18	950300.43	5.00	0.00
						7501712.67	950301.30	5.00	0.00
						7501715.27	950219.70	5.00	0.00
						7501698.35	950219.27	5.00	0.00
PARK452	PARK452	5.00	r			7501691.84	950387.24	5.00	0.00
						7501709.20	950388.11	5.00	0.00
						7501711.37	950307.38	5.00	0.00
						7501694.01	950306.07	5.00	0.00
PARK453	PARK453	5.00	r			7501684.89	950507.46	5.00	0.00
						7501704.42	950508.33	5.00	0.00
						7501709.63	950418.49	5.00	0.00
						7501688.80	950416.75	5.00	0.00
PARK454	PARK454	5.00	r			7501680.99	950603.38	5.00	0.00
						7501703.12	950602.95	5.00	0.00
						7501704.86	950515.71	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501684.46	950514.84	5.00	0.00
PARK455	PARK455	5.00	r			7501677.51	950712.76	5.00	0.00
						7501698.35	950712.32	5.00	0.00
						7501700.95	950638.97	5.00	0.00
						7501680.55	950636.80	5.00	0.00
PARK456	PARK456	5.00	r			7501567.70	950754.86	5.00	0.00
						7501586.37	950754.86	5.00	0.00
						7501589.41	950675.43	5.00	0.00
						7501571.61	950675.00	5.00	0.00
PARK457	PARK457	5.00	r			7501572.91	950668.05	5.00	0.00
						7501589.41	950668.05	5.00	0.00
						7501592.88	950587.32	5.00	0.00
						7501577.25	950586.46	5.00	0.00
PARK458	PARK458	5.00	r			7501578.56	950579.51	5.00	0.00
						7501595.05	950582.12	5.00	0.00
						7501598.52	950500.09	5.00	0.00
						7501579.42	950500.52	5.00	0.00
PARK459	PARK459	5.00	r			7501581.59	950491.40	5.00	0.00
						7501598.52	950493.14	5.00	0.00
						7501600.69	950421.96	5.00	0.00
						7501582.46	950423.70	5.00	0.00
PARK460	PARK460	5.00	r			7501609.81	950758.33	5.00	0.00
						7501628.47	950758.33	5.00	0.00
						7501631.51	950678.90	5.00	0.00
						7501613.71	950678.47	5.00	0.00
PARK461	PARK461	5.00	r			7501615.01	950671.53	5.00	0.00
						7501631.51	950671.53	5.00	0.00
						7501634.98	950590.80	5.00	0.00
						7501619.35	950589.93	5.00	0.00
PARK462	PARK462	5.00	r			7501620.66	950582.98	5.00	0.00
						7501637.15	950585.59	5.00	0.00
						7501640.62	950503.56	5.00	0.00
						7501621.52	950503.99	5.00	0.00
PARK463	PARK463	5.00	r			7501623.69	950494.88	5.00	0.00
						7501640.62	950496.61	5.00	0.00
						7501642.79	950425.43	5.00	0.00
						7501624.56	950427.17	5.00	0.00
PARK464	PARK464	5.00	r			7501629.77	950759.63	5.00	0.00
						7501648.43	950759.63	5.00	0.00
						7501651.47	950680.21	5.00	0.00
						7501633.68	950679.77	5.00	0.00
PARK465	PARK465	5.00	r			7501643.66	950496.18	5.00	0.00
						7501660.59	950497.91	5.00	0.00
						7501662.76	950426.73	5.00	0.00
						7501644.53	950428.47	5.00	0.00
PARK466	PARK466	5.00	r			7501640.62	950584.29	5.00	0.00
						7501657.11	950586.89	5.00	0.00
						7501660.59	950504.86	5.00	0.00
						7501641.49	950505.29	5.00	0.00
PARK467	PARK467	5.00	r			7501634.98	950672.83	5.00	0.00
						7501651.47	950672.83	5.00	0.00
						7501654.94	950592.10	5.00	0.00
						7501639.32	950591.23	5.00	0.00
PARK468	PARK468	5.00	r			7501534.11	952132.42	5.00	0.00
						7501605.99	952135.54	5.00	0.00
						7501607.55	952114.71	5.00	0.00
						7501535.67	952111.06	5.00	0.00
PARK469	PARK469	5.00	r			7501612.76	952134.50	5.00	0.00
						7501683.07	952137.62	5.00	0.00
						7501684.11	952115.75	5.00	0.00
						7501614.84	952115.23	5.00	0.00
PARK470	PARK470	5.00	r			7501703.38	952116.27	5.00	0.00
						7501707.03	952035.54	5.00	0.00
						7501689.32	952035.02	5.00	0.00
						7501684.11	952115.75	5.00	0.00
PARK471	PARK471	5.00	r			7501706.51	952029.29	5.00	0.00
						7501711.72	951950.64	5.00	0.00
						7501693.49	951948.56	5.00	0.00
						7501687.76	952026.69	5.00	0.00
PARK472	PARK472	5.00	r			7501643.49	952080.85	5.00	0.00
						7501647.13	951983.46	5.00	0.00
						7501629.42	951982.94	5.00	0.00
						7501624.74	952081.89	5.00	0.00
PARK473	PARK473	5.00	r			7501643.49	952080.85	5.00	0.00
						7501664.32	952081.37	5.00	0.00
						7501667.44	951983.46	5.00	0.00
						7501647.13	951983.46	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
PARK474	PARK474	5.00	r			7501579.42	952078.77	5.00	0.00
						7501583.07	951980.85	5.00	0.00
						7501562.76	951979.29	5.00	0.00
						7501559.63	952076.69	5.00	0.00
PARK475	PARK475	5.00	r			7501579.42	952078.77	5.00	0.00
						7501597.13	952078.77	5.00	0.00
						7501600.26	951981.89	5.00	0.00
						7501583.07	951980.85	5.00	0.00
PARK476	PARK476	5.00	r			7501514.32	952108.98	5.00	0.00
						7501535.67	952111.06	5.00	0.00
						7501538.28	952029.29	5.00	0.00
						7501519.53	952028.25	5.00	0.00
PARK477	PARK477	5.00	r			7501519.01	952020.96	5.00	0.00
						7501538.28	952020.44	5.00	0.00
						7501542.97	951942.31	5.00	0.00
						7501522.65	951941.79	5.00	0.00
PARK478	PARK478	5.00	r			7501632.03	951842.31	5.00	0.00
						7501654.94	951841.27	5.00	0.00
						7501657.03	951760.02	5.00	0.00
						7501636.19	951759.50	5.00	0.00
PARK479	PARK479	5.00	r			7501639.84	951725.64	5.00	0.00
						7501657.03	951725.64	5.00	0.00
						7501659.11	951692.31	5.00	0.00
						7501639.32	951690.75	5.00	0.00
PARK480	PARK480	5.00	r			7501638.80	951683.46	5.00	0.00
						7501659.63	951683.98	5.00	0.00
						7501662.76	951613.67	5.00	0.00
						7501641.40	951613.14	5.00	0.00
PARK481	PARK481	5.00	r			7501641.40	951604.29	5.00	0.00
						7501662.76	951604.29	5.00	0.00
						7501665.88	951527.21	5.00	0.00
						7501644.53	951525.64	5.00	0.00
PARK482	PARK482	5.00	r			7501647.13	951493.87	5.00	0.00
						7501667.44	951493.35	5.00	0.00
						7501670.05	951416.27	5.00	0.00
						7501650.26	951414.19	5.00	0.00
PARK483	PARK483	5.00	r			7501649.74	951405.33	5.00	0.00
						7501670.05	951405.33	5.00	0.00
						7501673.17	951336.06	5.00	0.00
						7501652.34	951335.54	5.00	0.00
PARK484	PARK484	5.00	r			7501653.90	951328.77	5.00	0.00
						7501672.65	951328.25	5.00	0.00
						7501674.74	951260.54	5.00	0.00
						7501656.51	951258.98	5.00	0.00
PARK485	PARK485	5.00	r			7501656.51	951251.17	5.00	0.00
						7501676.30	951251.69	5.00	0.00
						7501678.90	951180.85	5.00	0.00
						7501657.55	951181.37	5.00	0.00
PARK486	PARK486	5.00	r			7501523.69	951880.33	5.00	0.00
						7501541.92	951882.42	5.00	0.00
						7501545.05	951798.56	5.00	0.00
						7501526.30	951798.04	5.00	0.00
PARK487	PARK487	5.00	r			7501527.86	951791.79	5.00	0.00
						7501546.09	951793.35	5.00	0.00
						7501549.74	951704.81	5.00	0.00
						7501531.51	951704.29	5.00	0.00
PARK488	PARK488	5.00	r			7501532.03	951698.04	5.00	0.00
						7501548.69	951698.56	5.00	0.00
						7501552.86	951608.46	5.00	0.00
						7501536.19	951607.94	5.00	0.00
PARK489	PARK489	5.00	r			7501536.19	951602.21	5.00	0.00
						7501554.42	951601.69	5.00	0.00
						7501555.47	951531.37	5.00	0.00
						7501539.32	951532.94	5.00	0.00
PARK490	PARK490	5.00	r			7501578.84	951604.52	5.00	0.00
						7501597.07	951604.00	5.00	0.00
						7501598.11	951533.69	5.00	0.00
						7501581.96	951535.25	5.00	0.00
PARK491	PARK491	5.00	r			7501570.50	951794.10	5.00	0.00
						7501588.73	951795.67	5.00	0.00
						7501592.38	951707.12	5.00	0.00
						7501574.15	951706.60	5.00	0.00
PARK492	PARK492	5.00	r			7501574.67	951700.35	5.00	0.00
						7501591.34	951700.87	5.00	0.00
						7501595.50	951610.77	5.00	0.00
						7501578.84	951610.25	5.00	0.00
PARK493	PARK493	5.00	r			7501566.34	951882.64	5.00	0.00

Name	ID	Height				Coordinates			
		Begin		End		x	y	z	Ground
		(ft)		(ft)		(ft)	(ft)	(ft)	(ft)
						7501584.57	951884.73	5.00	0.00
						7501587.69	951800.87	5.00	0.00
						7501568.94	951800.35	5.00	0.00
PARK494	PARK494	5.00	r			7501586.65	951885.25	5.00	0.00
						7501604.88	951887.33	5.00	0.00
						7501608.00	951803.48	5.00	0.00
						7501589.25	951802.96	5.00	0.00
PARK495	PARK495	5.00	r			7501599.15	951607.12	5.00	0.00
						7501617.38	951606.60	5.00	0.00
						7501618.42	951536.29	5.00	0.00
						7501602.27	951537.85	5.00	0.00
PARK496	PARK496	5.00	r			7501590.82	951796.71	5.00	0.00
						7501609.05	951798.27	5.00	0.00
						7501612.69	951709.73	5.00	0.00
						7501594.46	951709.21	5.00	0.00
PARK497	PARK497	5.00	r			7501594.98	951702.96	5.00	0.00
						7501611.65	951703.48	5.00	0.00
						7501615.82	951613.37	5.00	0.00
						7501599.15	951612.85	5.00	0.00
PARK498	PARK498	5.00	r			7501539.32	951481.89	5.00	0.00
						7501559.11	951482.42	5.00	0.00
						7501562.76	951408.46	5.00	0.00
						7501543.49	951407.42	5.00	0.00
PARK499	PARK499	5.00	r			7501544.53	951401.17	5.00	0.00
						7501563.28	951402.73	5.00	0.00
						7501566.92	951313.67	5.00	0.00
						7501548.17	951314.71	5.00	0.00
PARK500	PARK500	5.00	r			7501547.65	951307.42	5.00	0.00
						7501567.97	951307.42	5.00	0.00
						7501573.17	951218.87	5.00	0.00
						7501550.78	951217.83	5.00	0.00
PARK501	PARK501	5.00	r			7501551.82	951208.98	5.00	0.00
						7501573.69	951211.58	5.00	0.00
						7501575.78	951133.46	5.00	0.00
						7501554.94	951131.89	5.00	0.00
PARK502	PARK502	5.00	r			7501579.94	951485.02	5.00	0.00
						7501599.74	951485.54	5.00	0.00
						7501603.38	951411.58	5.00	0.00
						7501584.11	951410.54	5.00	0.00
PARK503	PARK503	5.00	r			7501588.28	951310.54	5.00	0.00
						7501608.59	951310.54	5.00	0.00
						7501613.80	951222.00	5.00	0.00
						7501591.40	951220.96	5.00	0.00
PARK504	PARK504	5.00	r			7501585.15	951404.29	5.00	0.00
						7501603.90	951405.85	5.00	0.00
						7501607.55	951316.79	5.00	0.00
						7501588.80	951317.83	5.00	0.00
PARK505	PARK505	5.00	r			7501592.44	951212.10	5.00	0.00
						7501614.32	951214.71	5.00	0.00
						7501616.40	951136.58	5.00	0.00
						7501595.57	951135.02	5.00	0.00
PARK506	PARK506	5.00	r			7501599.74	951486.06	5.00	0.00
						7501619.53	951486.58	5.00	0.00
						7501623.17	951412.62	5.00	0.00
						7501603.90	951411.58	5.00	0.00
PARK507	PARK507	5.00	r			7501612.24	951213.14	5.00	0.00
						7501634.11	951215.75	5.00	0.00
						7501636.19	951137.62	5.00	0.00
						7501615.36	951136.06	5.00	0.00
PARK508	PARK508	5.00	r			7501608.07	951311.58	5.00	0.00
						7501628.38	951311.58	5.00	0.00
						7501633.59	951223.04	5.00	0.00
						7501611.19	951222.00	5.00	0.00
PARK509	PARK509	5.00	r			7501604.94	951405.33	5.00	0.00
						7501623.69	951406.89	5.00	0.00
						7501627.34	951317.83	5.00	0.00
						7501608.59	951318.87	5.00	0.00

Barrier(s)

Name	Sel.	M.	ID	Absorption		Z-Ext.	Cantilever		Height			Coordinates			
				left	right		horz.	vert.	Begin		End	x	y	z	Ground
						(ft)	(ft)	(ft)	(ft)		(ft)	(ft)	(ft)	(ft)	(ft)
B01			B01						14.00	r		7496578.38	953379.79	14.00	0.00
												7496814.49	953387.60	14.00	0.00
												7496807.54	953465.72	14.00	0.00
												7496983.24	953474.06	14.00	0.00

Name	Sel.	M.	ID	Absorption		Z-Ext.	Cantilever		Height			Coordinates			
				left	right		horz.	vert.	Begin		End	x	y	z	Ground
						(ft)	(ft)	(ft)	(ft)		(ft)	(ft)	(ft)	(ft)	(ft)
												7496984.97	953420.24	14.00	0.00
												7497023.17	953420.59	14.00	0.00
B02			B02						14.00	r		7497071.43	953423.02	14.00	0.00
												7497103.03	953424.06	14.00	0.00
												7497101.64	953477.53	14.00	0.00
												7498200.25	953519.89	14.00	0.00
												7498203.72	953444.20	14.00	0.00
												7498301.99	953449.40	14.00	0.00
B03			B03						14.00	r		7496747.26	952484.50	14.00	0.00
												7496849.34	952489.36	14.00	0.00
												7496852.81	952412.97	14.00	0.00
												7498243.28	952468.67	14.00	0.00
												7498240.16	952544.19	14.00	0.00
												7498338.85	952547.83	14.00	0.00
B04			B04						14.00	r		7496382.71	952917.86	14.00	0.00
												7496584.10	952927.58	14.00	0.00
												7496602.16	952478.97	14.00	0.00
												7496517.88	952478.27	14.00	0.00
B05			B05						14.00	r		7496499.38	952475.50	14.00	0.00
												7496473.45	952474.27	14.00	0.00
B06			B06						14.00	r		7496578.38	953379.79	14.00	0.00
												7496595.88	952927.58	14.00	0.00
												7496584.10	952927.58	14.00	0.00
B07			B07						14.00	r		7501671.07	951937.24	14.00	0.00
												7501770.90	951942.45	14.00	0.00
												7501760.48	952142.11	14.00	0.00
												7503848.85	952224.40	14.00	0.00
												7503858.75	951984.70	14.00	0.00
B08			B08						14.00	r		7503839.65	952572.37	14.00	0.00
												7503851.80	952284.18	14.00	0.00
												7501760.66	952200.41	14.00	0.00
												7501750.24	952427.84	14.00	0.00
												7501657.36	952426.10	14.00	0.00
B09			B09						14.00	r		7503688.96	953430.27	14.00	0.00
												7503625.07	953427.49	14.00	0.00
												7503616.73	953674.72	14.00	0.00
												7503141.21	953660.74	14.00	0.00
												7503143.04	953601.62	14.00	0.00
												7503108.40	953601.10	14.00	0.00
B10			B10						14.00	r		7503061.79	953598.24	14.00	0.00
												7503022.20	953597.98	14.00	0.00
												7503021.42	953653.97	14.00	0.00
												7501701.60	953601.51	14.00	0.00
												7501713.84	953349.94	14.00	0.00
												7501615.58	953347.57	14.00	0.00
B11			B11						14.00	r		7503659.46	951164.13	14.00	0.00
												7503662.06	951088.61	14.00	0.00
												7501867.79	951017.00	14.00	0.00
												7501863.89	951072.99	14.00	0.00
												7501845.66	951069.08	14.00	0.00
B12			B12						14.00	r		7501851.96	950841.63	14.00	0.00
												7501874.87	950843.19	14.00	0.00
												7501873.31	950896.84	14.00	0.00
												7503667.84	950966.75	14.00	0.00
												7503668.88	950891.75	14.00	0.00
B13			B13						14.00	r		7503701.40	950070.52	14.00	0.00
												7503702.27	950057.50	14.00	0.00
												7501854.57	949808.15	14.00	0.00
												7501847.28	949996.69	14.00	0.00
B14			B14						14.00	r		7501014.07	951354.81	14.00	0.00
												7501025.35	951173.39	14.00	0.00
												7499106.75	951097.11	14.00	0.00
												7499102.85	951277.23	14.00	0.00

Building(s)

Name	Sel.	M.	ID	RB	Residents	Absorption	Height		Coordinates			
							Begin		x	y	z	Ground
							(ft)		(ft)	(ft)	(ft)	(ft)
BLDG01			BLDG01	x	0		50.00	r	7496139.23	952867.55	50.00	0.00
									7496393.13	952877.31	50.00	0.00
									7496413.75	952469.33	50.00	0.00
									7496473.43	952474.75	50.00	0.00
									7496477.77	952333.70	50.00	0.00
									7496160.93	952323.93	50.00	0.00
BLDG02			BLDG02	x	0		50.00	r	7496701.29	953332.61	50.00	0.00
									7496818.48	953344.33	50.00	0.00

Name	Sel.	M.	ID	RB	Residents	Absorption	Height		Coordinates			
							Begin		x	y	z	Ground
							(ft)		(ft)	(ft)	(ft)	(ft)
									7496819.78	953277.92	50.00	0.00
									7498205.20	953332.61	50.00	0.00
									7498202.59	953392.51	50.00	0.00
									7498319.78	953401.62	50.00	0.00
									7498353.64	952603.44	50.00	0.00
									7498233.84	952598.23	50.00	0.00
									7498229.94	952655.53	50.00	0.00
									7496841.92	952599.54	50.00	0.00
									7496849.73	952540.94	50.00	0.00
									7496727.33	952537.04	50.00	0.00
BLDG03			BLDG03	x	0		50.00	r	7498883.58	953419.85	50.00	0.00
									7498987.75	953427.66	50.00	0.00
									7498990.35	953370.37	50.00	0.00
									7500943.48	953443.29	50.00	0.00
									7500950.91	953445.40	50.00	0.00
									7500947.66	953504.00	50.00	0.00
									7501051.82	953508.34	50.00	0.00
									7501082.21	952712.98	50.00	0.00
									7500984.55	952706.47	50.00	0.00
									7500981.29	952763.98	50.00	0.00
									7499011.89	952686.94	50.00	0.00
									7499016.23	952625.09	50.00	0.00
									7498915.32	952625.09	50.00	0.00
BLDG04			BLDG04	x	0		50.00	r	7498950.91	952040.02	50.00	0.00
									7499073.31	952047.83	50.00	0.00
									7499073.31	951985.33	50.00	0.00
									7500979.56	952063.46	50.00	0.00
									7500982.16	952120.75	50.00	0.00
									7501109.77	952125.96	50.00	0.00
									7501141.02	951412.42	50.00	0.00
									7501018.62	951404.60	50.00	0.00
									7501010.81	951461.90	50.00	0.00
									7499099.35	951391.58	50.00	0.00
									7499101.95	951329.08	50.00	0.00
									7498976.95	951321.27	50.00	0.00
BLDG05			BLDG05	x	0		50.00	r	7501601.95	953297.83	50.00	0.00
									7501719.14	953308.25	50.00	0.00
									7501721.75	953240.54	50.00	0.00
									7503628.00	953321.27	50.00	0.00
									7503625.39	953381.17	50.00	0.00
									7503747.79	953383.77	50.00	0.00
									7503779.04	952581.69	50.00	0.00
									7503661.85	952579.08	50.00	0.00
									7503659.25	952636.38	50.00	0.00
									7501745.18	952560.85	50.00	0.00
									7501747.79	952500.96	50.00	0.00
									7501625.39	952500.96	50.00	0.00
BLDG06			BLDG06	x	0		50.00	r	7501664.45	951883.77	50.00	0.00
									7501773.83	951899.40	50.00	0.00
									7501779.04	951831.69	50.00	0.00
									7503625.39	951904.60	50.00	0.00
									7503622.79	951959.29	50.00	0.00
									7503737.37	951972.31	50.00	0.00
									7503773.83	951227.52	50.00	0.00
									7503664.45	951211.90	50.00	0.00
									7503651.43	951277.00	50.00	0.00
									7501805.08	951204.08	50.00	0.00
									7501807.68	951144.19	50.00	0.00
									7501682.68	951138.98	50.00	0.00
BLDG07			BLDG07	x	0		50.00	r	7501700.91	950761.38	50.00	0.00
									7501823.31	950769.19	50.00	0.00
									7501828.52	950709.29	50.00	0.00
									7503667.06	950784.81	50.00	0.00
									7503664.45	950831.69	50.00	0.00
									7503779.04	950847.31	50.00	0.00
									7503818.10	950128.56	50.00	0.00
									7503695.70	950115.54	50.00	0.00
									7503690.50	950172.83	50.00	0.00
									7501846.75	950110.33	50.00	0.00
									7501846.75	950047.83	50.00	0.00
									7501732.16	950047.83	50.00	0.00

Ground Absorption(s)

Name	Sel.	M.	ID	G	Coordinates	
					x	y
					(ft)	(ft)

Contour(s)

Name	Sel.	M.	ID	OnlyPts	Height		Coordinates		
					Begin	End	x	y	z
					(ft)	(ft)	(ft)	(ft)	(ft)

Vertical Area Source(s)

Name	ID	Height		Coordinates			
		Begin	End	x	y	z	Ground
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Rail

Name	Sel.	M.	ID	Lw'		Train Class	Correct.	Vmax
				Day	Night		Track	
				(dBA)	(dBA)		(dB)	(km(mph)

Sound Level Spectra

Name	ID	Type	Oktave Spectrum (dB)											Source
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin	

Roads

Name	Sel.	M.	ID	Lme			Count Data		exact Count Data						Speed Limit		SCS	Surface		Gradient	Mult. Reflection		
				Day	Evening	Night	DTV	Str.class.	M			p (%)			Auto	Truck	Dist.	Dstro	Type		Drefl	Hbuild	Dist.
				(dBA)	(dBA)	(dBA)			Day	Evening	Night	Day	Evening	Night	(mph)	(mph)		(dB)		(%)	(dB)	(ft)	(ft)

RoadsGeo

Name	Height				Coordinates				Dist	LSlope
	Begin		End		x	y	z	Ground	(ft)	(%)
	(ft)		(ft)		(ft)	(ft)	(ft)	(ft)		

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APPENDIX 10.1:

CONSTRUCTION NOISE CALCULATIONS

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16098 - Adelanto Industrial Park

CadnaA Noise Prediction Model: 16098-02_Construction.cna
Date: 12.08.26
Analyst: N. Johnson

Calculation Configuration

Configuration	
Parameter	**Value**
General	
Max. Error (dB)	**0.00**
Max. Search Radius (ft)	**6561.70**
Min. Dist Src to Rcvr	**0.00**
Partition	
Raster Factor	**0.50**
Max. Length of Section (ft)	**3280.80**
Min. Length of Section (ft)	**3.30**
Min. Length of Section (%)	**0.00**
Proj. Line Sources	**On**
Proj. Area Sources	**On**
Ref. Time	
Daytime Penalty (dB)	**0.00**
Recr. Time Penalty (dB)	**5.00**
Night-time Penalty (dB)	**10.00**
DTM	
Standard Height (m)	**0.00**
Model of Terrain	**Triangulation**
Reflection	
max. Order of Reflection	**2**
Search Radius Src	**328.08**
Search Radius Rcvr	**328.08**
Max. Distance Source - Rcvr	**3280.84 3280.84**
Min. Distance Rvcr - Reflector	**3.28 3.28**
Min. Distance Source - Reflector	**0.33**
Industrial (ISO 9613 (1996))	
Lateral Diffraction	**some Obj**
Obst. within Area Src do not shield	**On**
Screening	**Incl. Ground Att. over Barrier**
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	**3.0 20.0 0.0**
Temperature (°F)	**50**
rel. Humidity (%)	**70**
Ground Absorption G	**0.50**
Wind Speed for Dir. (mph)	**6.7**
Roads (TNM)	
Railways (FTA/FRA)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver Noise Levels

Name	M.	ID	Level Lr			Limit. Value			Land Use			Height		Coordinates		
			Day	Night	CNEL	Day	Night	CNEL	Type	Auto	Noise Type			X	Y	Z
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(ft)		(ft)	(ft)	(ft)
R01		R01	34.1	-70.2	31.1	80.0	0.0	0.0				5.00	a	7494034.47	954587.64	5.00
R02		R02	41.8	-62.9	38.8	80.0	0.0	0.0				5.00	a	7496124.19	954017.70	5.00
R03		R03	44.3	-60.4	41.3	80.0	0.0	0.0				5.00	a	7504632.00	951996.00	5.00
R04		R04	42.7	-62.0	39.7	80.0	0.0	0.0				5.00	a	7496556.41	951566.07	5.00

Point Source(s)

Name	M.	ID	Result. PWL			Lw / Li			Operating Time			Height		Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Special	Night			X	Y	Z
			(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	(ft)		(ft)	(ft)	(ft)

Line Source(s)

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Operating Time			Moving Pt. Src				Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	Number			Speed		
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)	Day	Evening	Night	(mph)	(ft)	

Name	ID	Height		Coordinates			
		Begin	End	x	y	z	Ground
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Area Source(s)

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Operating Time			Height	
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Special	Night	(ft)	
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	(min)	(min)	(min)		
SITE_OFFSITE		CONSTRUCTION01	120.7	15.9	15.9	57.9	-46.9	-46.9	PWL-Pt	115.9					0	a

Name	ID	Height			Coordinates			
		Begin		End	x	y	z	Ground
		(ft)		(ft)	(ft)	(ft)	(ft)	(ft)
SITE_OFFSITE	CONSTRUCTION01	0.00	a		7496565.30	953618.64	0.00	0.00
					7496567.47	953573.07	0.00	0.00
					7495963.52	953554.62	0.00	0.00
					7495972.41	952910.15	0.00	0.00
					7496590.36	952931.26	0.00	0.00
					7496567.46	953557.54	0.00	0.00
					7503908.62	953822.11	0.00	0.00
					7504047.23	949999.65	0.00	0.00
					7501448.12	949652.60	0.00	0.00
					7501391.76	951109.75	0.00	0.00
					7498711.16	950984.31	0.00	0.00
					7498707.87	951069.14	0.00	0.00
					7498685.04	951664.99	0.00	0.00
					7498659.03	952343.96	0.00	0.00
					7497733.63	952323.35	0.00	0.00
					7496943.69	952305.76	0.00	0.00
					7496096.57	952286.89	0.00	0.00
					7495994.55	952230.84	0.00	0.00
					7496007.58	951448.50	0.00	0.00
					7495960.92	951445.25	0.00	0.00
					7495942.13	952031.53	0.00	0.00
					7495934.88	952257.97	0.00	0.00
					7495980.45	952267.73	0.00	0.00
					7495993.74	952311.30	0.00	0.00
					7495973.61	952876.64	0.00	0.00
					7495920.77	952867.78	0.00	0.00
					7495897.98	953577.41	0.00	0.00
					7496491.85	953614.11	0.00	0.00

Barrier(s)

Name	Sel.	M.	ID	Absorption		Z-Ext.	Cantilever		Height		Coordinates			
				left	right		horz.	vert.	Begin	End	x	y	z	Ground
						(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Building(s)

Name	Sel.	M.	ID	RB	Residents	Absorption	Height	Coordinates			
							Begin	x	y	z	Ground
							(ft)	(ft)	(ft)	(ft)	(ft)

Ground Absorption(s)

Name	Sel.	M.	ID	G	Coordinates	
					x	y
					(ft)	(ft)

Contour(s)

Name	Sel.	M.	ID	OnlyPts	Height		Coordinates		
					Begin	End	x	y	z
					(ft)	(ft)	(ft)	(ft)	(ft)

Vertical Area Source(s)

Name	ID	Height		Coordinates			
		Begin	End	x	y	z	Ground
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)

Rail

Name	Sel.	M.	ID	Lw'		Train Class	Correct.	Vmax
				Day	Night		Track	
				(dBA)	(dBA)		(dB)	(km(mph)

Sound Level Spectra

Name	ID	Type	Oktave Spectrum (dB)											Source
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin	

Roads

Name	Sel.	M.	ID	Lme			Count Data		exact Count Data						Speed Limit		SCS	Surface		Gradient	Mult. Reflection		
				Day	Evening	Night	DTV	Str.class.	M			p (%)			Auto	Truck	Dist.	Dstro	Type		Drefl	Hbuild	Dist.
				(dBA)	(dBA)	(dBA)			Day	Evening	Night	Day	Evening	Night	(mph)	(mph)		(dB)		(%)	(dB)	(ft)	(ft)

RoadsGeo

Name	Height				Coordinates				Dist	LSlope
	Begin		End		x	y	z	Ground	(ft)	(%)
	(ft)		(ft)		(ft)	(ft)	(ft)	(ft)		