Arizona Department of Transportation

Environmental Planning

Final Noise Report

SR 24
SR202L (Santan) – Ironwood Drive

Federal Project No. 024-A(201)T
ADOT Tracs No. 024 MA 000 F0719 01D/02D

June 6, 2025

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Daniel Torres 6/6/2025
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The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by ADOT pursuant to 23 U.S.C. 326 [23 U.S.C. 327] and a Memorandum of Understanding dated January 4, 2021 [April 16, 2019], and executed by FHWA and ADOT.

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June 6, 2025

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EXECUTIVE SUMMARY

The Arizona Department of Transportation (ADOT) has initiated a project to construct improvements to State Route (SR) 24 between SR Loop 202 (SR 202L) and Ironwood Drive. The project is located on SR 24 between milepost (MP) 0.00 and MP 5.64 and SR 202L between MP 31.57 to MP 37.70 within the City of Mesa, Town of Queen Creek, Town of Gilbert, and unincorporated areas in Maricopa County and Pinal County, Arizona (see enclosed Figures 1 and 2). This noise technical report has been developed in support of the final design for the project.

The noise impact determination used in this analysis is based on ADOT Noise Abatement Requirements (NAR), dated May 4, 2017. The ADOT NAR complies with 23 Code of Federal Regulations (CFR) 772 that outlines the Federal Highway Administration's (FHWA) procedures for highway traffic noise analysis and establishes the Noise Abatement Criteria (NAC). The FHWA NAC specify noise level impact thresholds for different categories of land use and activities. Homes, churches, schools, and parks are classified as Categories B and C, and the allowable hourly equivalent sound level (L_{eq}) for these categories is 67 "A"-weighted decibels (dBA). The ADOT NAR determines impacts as traffic noise levels approach the limits specified in the FHWA NAC. ADOT defines "approach" as one (1) dBA below the NAC for Categories A, B, C, D, and E; no noise impact threshold occurs for Categories F and G. Therefore, for Categories B and C, ADOT will consider mitigation for receivers when predicted traffic noise levels are 66 dBA or higher. Additionally, ADOT will consider mitigation if noise levels from the transportation project are predicted to increase substantially. A substantial noise level increase is equal to or greater than 15 dBA.

This noise analysis evaluated the existing condition and Build conditions. The existing condition was analyzed by conducting ambient noise levels within the project areas. The monitoring noise levels ranged from 55 to 70 dBA. The Build condition was evaluated based on predicted noise levels from the 2050 design year for the proposed improvements. A total of 247 receivers were modeled to generate noise levels for different categories of land use and activities.

Table on next page summarizes the results of the recommended noise mitigation/barriers determined in accordance with the ADOT NAR guidelines for the project. A total of four (4) separate new noise barriers are recommended. Barrier WB1 is recommended for single family homes along westbound SR 24 right-of-way (ROW) between Ellsworth Road and Williams Field Road. Barrier WB2 is recommended for single family homes along westbound SR 24 ROW between Williams Field Road and Signal Butte Road. Barriers WB3A and WB3B are recommended for multi-family homes along westbound SR 24 mainline and ramp shoulder between Williams Field Road and Crismon Road. The noise barrier locations and termini described in this report are subject to adjustments by final designers to accommodate final design features not considered with the detail of the noise analysis and this report.

Recommended Barrier Summary						
Noise Barrier	Barrier Height Range (ft)	Barrier Length (ft)	Area of Barrier (ft^2)	Total Barrier Cost[1]	Number of Benefited Receptors	Cost-Per-Benefited-Receptor
New Barrier WB1 (Sta 74+29 to Sta 120+83)	8 – 16	4,791	62,513	$2,187,955	69	$31,709
New Barrier WB2 (Sta 139+91 to Sta 183+39)	10 – 14	4,200	52,401	$1,834,035	51	$35,961
New Barrier WB3A & WB3B (Sta 118+07 to Sta 134+99) & (Sta 134+04 to Sta 140+09)	6 & 10	2,272	16,021	$673,200	16	$42,075
Total for Recommended Barriers	6 – 16	11,263	130,935	$4,695,190	136	$34,523

Notes:
[1] Barrier unit cost of $35 per square foot on ground and $85 per square foot on structure is used for calculation of the cost per benefited receptor only.

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LIST OF ACRONYMS

ADOT	- Arizona Department of Transportation
ANSI	- American National Standards Institute
CAP	- Central Arizona Project
CFR	- Code of Federal Regulations
dB	- decibel
dBA	- “A”-weighted decibel
DDI	- diverging diamond intersection
DTM	- digital terrain model
FHWA	- Federal Highway Administration
ft	- feet
GP	- general purpose
Hz	- hertz
kHz	- kilohertz
$L_{Aeq(h)}$	- hourly “A”- weighted steady state sound level
Leq	- steady state (equivalent) sound level
L_{max}	- maximum sound level
L_{min}	- minimum sound level
LOS	- level of service
MAG	- Maricopa Association of Governments
MP	- milepost
mph	- miles per hour
MON	- monitoring location
NAC	- Noise Abatement Criteria
NAR	- Noise Abatement Requirements
ROW	- right-of-way
SFH	- single family home
SPL	- sound pressure level
SR	- State Route
TI	- traffic interchange
TNM 2.5	- Traffic Noise Model version 2.5
µPa	- micro-Pascals

1.0 INTRODUCTION

In 2014 the initial segment of SR 24 between SR 202L and Ellsworth Road was opened to traffic. In 2023 the second segment of SR 24 between Ellsworth Road and Ironwood Drive was completed in an interim condition. The purpose of the project is to widen SR 24 to accommodate two additional general-purpose lanes between Ellsworth Road and Ironwood Drive, resulting in three new bridges over existing crossroads at Williams Field, Signal Butte, and Meridian Road and widening the existing SR 24 bridge over Mountain Road. Roadway and bridge widening over Power Road and the East Maricopa Floodway is proposed along SR 202L to provide lane continuity and additional traffic capacity to and from the SR 24/SR 202L system traffic interchange (TI). The need for the project is to construct improvements to accommodate increased traffic demand.

The scope of work for the project consists of:

- Adding two additional travel lanes on SR 24 in each direction between Ellsworth Road and Ironwood Drive (3+ auxiliary)
- Adding new three-lane approaches and traffic interchange overpass structures (TIOP) at Williams Field Road, Signal Butte Road, and Meridian Road
- Widening the existing grade separated structures at Mountain Road
- Adding ramp connector roads between SR 202L and the Ellsworth Road intersection including structures over Ray and Hawes Road, a service ramp, and the Powerline Floodway
- Restriping portions of the directional system TI ramps from one lane to two lanes
- Adding an outside general purpose travel lane on the northbound SR 202L between SR 24 and Guadalupe Road
- Reconstructing NB SR 202L exit and entrance ramps at the Elliott Road TI and the exit ramp at Guadalupe Road TI
- Modifying existing on-site roadway drainage system to accommodate additional lanes
- Installing and upgrading signing and pavement markings
- Installing ITS/FMS, traffic signals, and lighting
- Placing seeding on SR 24
- Restoring landscaping and irrigation on SR 202L
- Upgrading sidewalks and ramps to be ADA compliant on Ellsworth Road
- Removing existing SR 202L AR-ACFC and resurfacing by diamond grinding the roadway surface on both directions between Recker Road to Guadalupe Road
- Widening WB SR 202L from the Power Road WB exit ramp to Recker Road including both Power Road ramps
- Widening EB SR 202L between the Power Road entrance and exit ramps including both Power Road ramps
- Widening the existing SR 202L structures over Power Road and the Eastern Maricopa Floodway
- Replacing deck joints on existing SR 202L structures within the project limits
- Constructing new retaining and sound walls and screen walls if needed
- Conducting geotechnical investigations consisting of structure and roadway borings

- Replacing sign panels and removing sign lighting at three SB SR 202L locations north of Guadalupe Rd
- Reconstructing the existing half-diamond intersection of SR 24 at Ironwood Drive to a half diverging diamond intersection (DDI)
- Repairing a pavement crack on the system TI NW Ramp
- A new four-lane bridge over SR 24 along the Crismon Road alignment

Permanent project improvements would occur within the existing ADOT right-of-way (ROW). New ROW is not anticipated. Temporary construction easements are anticipated to construct sound walls along the existing ROW. Wall agreements between ADOT and adjacent landowners for maintenance purposes are anticipated. Construction is anticipated to begin in Fall 2026, and is expected to take approximately 28 months. Traffic restrictions are anticipated during construction with temporary advanced-warning signs extending approximately 1-mile in advance of the work limits. Night work and temporary lane closures along the SR 24 and SR 202L mainline, ramps, and crossroads will be required during construction. Lane closures will occur during off-peak travel times with the existing number of lanes maintained at all other times. Formal detour routes on local streets will not be designated during construction. Traffic delays should be expected during construction efforts.

This study was performed in accordance with Code of Federal Regulations (CFR) Title 23, Part 772, Procedures for Abatement of Highway Traffic Noise and Construction Noise, that provide procedures for conducting noise analyses to protect the public's health and welfare. Furthermore, this analysis is performed in accordance with the ADOT Noise Abatement Requirements (NAR) dated May 4, 2017.

FIGURE 1. Project Location Map

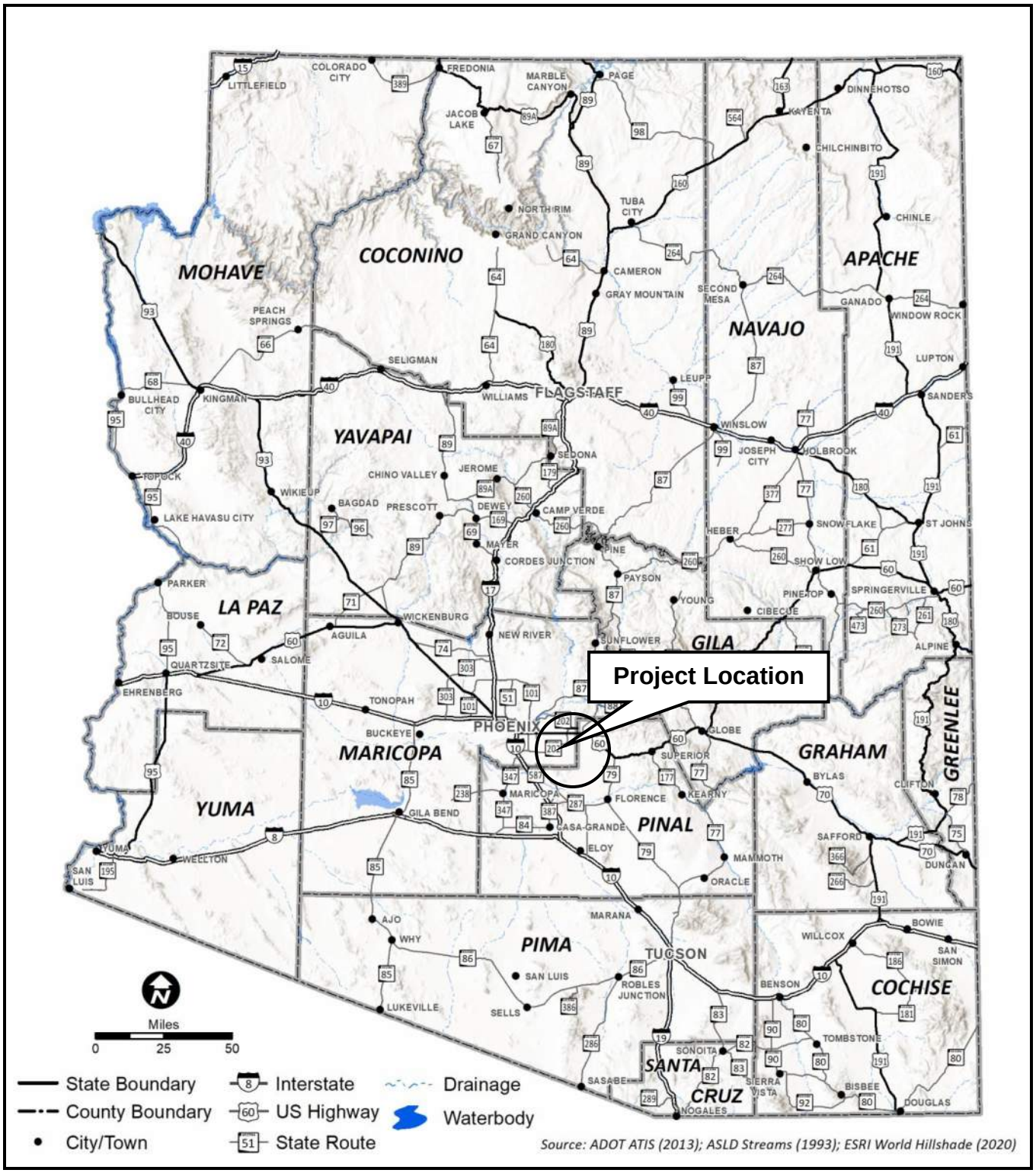
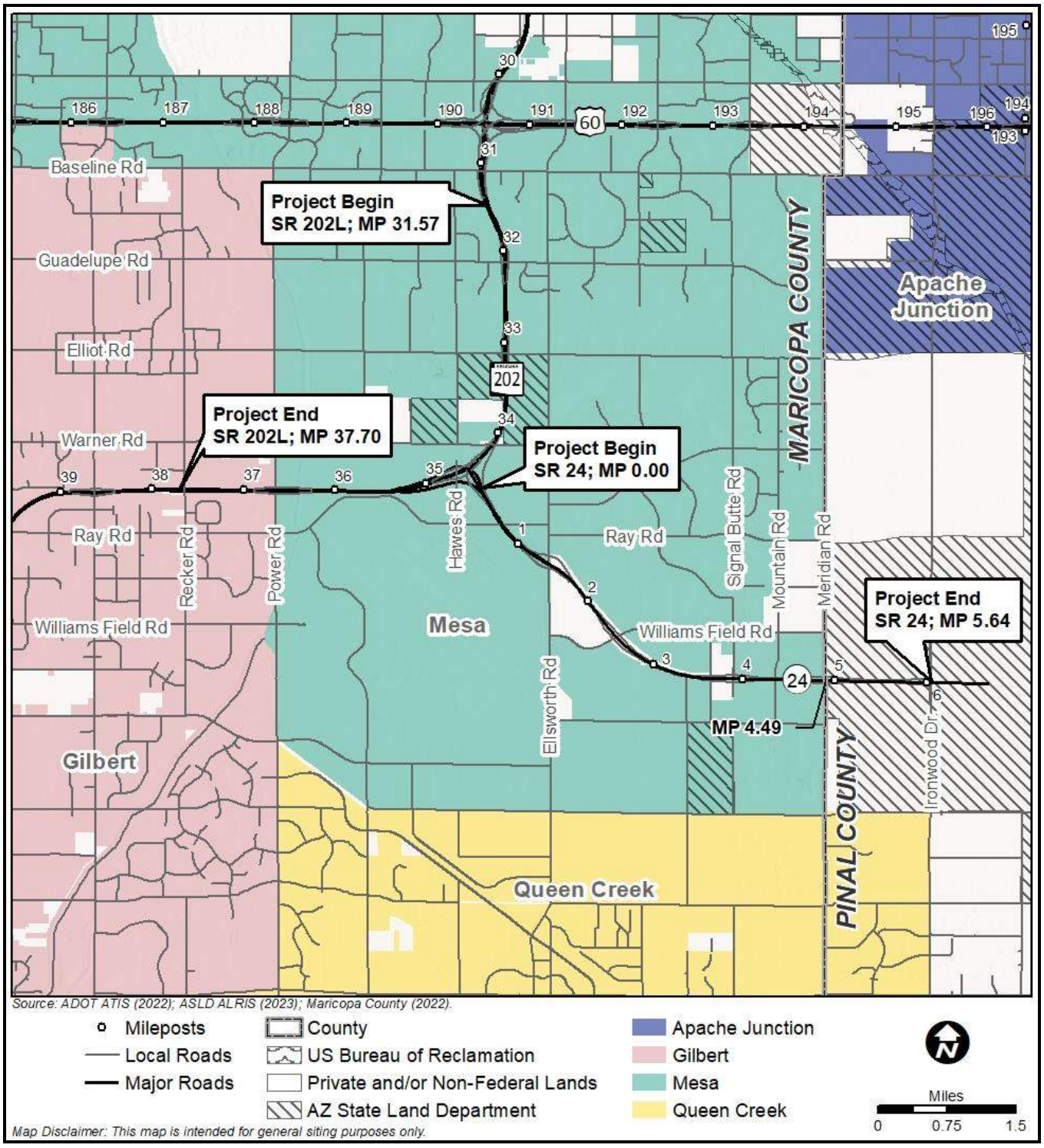


FIGURE 2. Project Vicinity Map



2.0 FUNDAMENTALS OF TRAFFIC NOISE

2.1 Sound, Noise, and Acoustics

Sound can be described as the mechanical energy of a vibrating object transmitted by pressure waves through a liquid or gaseous medium (e.g., air) to a hearing organ, such as a human ear. Noise is often defined as unwanted sound which is loud, unexpected, or annoying.

In the science of acoustics, the fundamental model consists of a sound (or noise) source, a receiver, and the propagation path between them. The loudness of the noise source and obstructions or atmospheric factors affecting the propagation path to the receiver determine the sound level and characteristics of the noise perceived by the receiver. The field of acoustics deals primarily with the propagation and control of sound.

2.2 Frequency

Continuous sound can be described by frequency (pitch) and amplitude (loudness). A low-frequency sound is perceived as low in pitch. Frequency is expressed in terms of cycles per second, or Hertz (Hz) (e.g., a frequency of 250 cycles per second is referred to as 250 Hz). High frequencies are sometimes more conveniently expressed in kilohertz (kHz), or thousands of Hertz. The audible frequency range for humans is generally between 20 Hz and 20,000 Hz.

2.3 Sound Pressure Levels and Decibels

The amplitude of pressure waves generated by a sound source determines the loudness of that source. Sound pressure amplitude is measured in micro-Pascals (µPa). One µPa is approximately one hundred billionth (0.00000000001) of normal atmospheric pressure. Sound pressure amplitudes for different kinds of noise environments can range from less than 100 to 100,000,000 µPa. Because of this huge range of values, sound is rarely expressed in terms of µPa. Instead, a logarithmic scale is used to describe sound pressure level (SPL) in terms of decibels (dB). The threshold of hearing for young people is about 0 dB, which corresponds to 20 µPa.

2.4 Addition of Decibels

Because decibels are logarithmic units, SPL cannot be added or subtracted through ordinary arithmetic. Under the decibel scale, a doubling of sound energy corresponds to a 3-dB increase. In other words, when two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be 3 dB higher than one source under the same conditions. For example, if one automobile produces an SPL of 70 dB when it passes an observer, two cars passing simultaneously would not produce 140 dB—rather, they would combine to produce 73 dB. Under the decibel scale, three sources of equal loudness together produce a sound level that is 5 dB louder than just one source.

2.5 A-Weighted Decibels

The decibel scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Although the intensity (energy per unit area) of the sound is a purely physical quantity, the loudness or human response is determined by the characteristics of the human ear.

Human hearing is limited in the range of audible frequencies as well as in the way it perceives the SPL in that range. In general, people are most sensitive to the frequency range of 1,000–8,000 Hz, and perceive sounds within that range better than sounds of the same amplitude in higher or lower frequencies. To approximate the response of the human ear, sound levels of individual frequency bands are weighted, depending on the human sensitivity to those frequencies. Then, an "A-weighted" sound level (expressed in units of dBA) can be computed based on this information.

The A-weighting network approximates the frequency response of the average young ear when listening to most ordinary sounds. When people make judgments of the relative loudness or annoyance of a sound, their judgments correlate well with the A-scale levels of those sounds. To demonstrate, Table 1 describes typical A-weighted noise levels for various noise sources. Other weighting networks have been devised to address high noise levels or other special problems (e.g., B-, C-, and D-scales), but these scales are rarely used in conjunction with highway-traffic noise. Noise levels for traffic noise reports are typically reported in terms of A-weighted decibels or dBA.

TABLE 1
Typical A-Weighted Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	— 110 —	Rock band
Jet fly-over at 1000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	**— 70 —**	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	**— 60 —**	
		Large business office
Quiet urban daytime	**— 50 —**	Dishwasher next room
Quiet urban nighttime	**— 40 —**	Theater, large conference room (background)
Quiet suburban nighttime		
	— 30 —	Library
Quiet rural nighttime		Bedroom at night
	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	**— 0 —**	Lowest threshold of human hearing

Source: ADOT 2008.

2.6 Human Response to Changes in Noise Levels

As discussed above, doubling sound energy results in a 3 dB increase in sound. However, given a sound level change measured with precise instrumentation, the subjective human perception of a doubling of loudness will usually be different than what is measured.

Under controlled conditions in an acoustical laboratory, the trained, healthy human ear is able to discern 1 dB changes in sound levels, when exposed to steady, single-frequency ("pure-tone") signals in the mid-frequency (1,000 Hz–8,000 Hz) range. In typical noisy environments, changes in noise of 1 to 2 dB are generally not perceptible. However, it is widely accepted that people are able to begin to detect sound level increases of 3 dB in typical noisy environments. Further, a 5 dB increase is generally perceived as a distinctly noticeable increase, and a 10 dB increase is generally perceived as a doubling of loudness. Therefore, comparatively, a doubling of sound energy (e.g., doubling the volume of traffic on a highway) that would result in a 3 dB increase in sound, would generally be perceived as barely detectable.

2.7 Noise Descriptors

Noise in our daily environment fluctuates over time. Some fluctuations are minor, but some are substantial. Some noise levels occur in regular patterns, but others are random. Some noise levels fluctuate rapidly, but others slowly. Some noise levels vary widely, but others are relatively constant. Various noise descriptors have been developed to describe time-varying noise levels. The most commonly used noise descriptors in traffic noise analysis are:

- **Equivalent Sound Level (L_{eq}):** L_{eq} represents an average of the sound energy occurring over a specified period. In effect, L_{eq} is the steady-state sound level containing the same acoustical energy as the time-varying sound that actually occurs during the same period. The 1-hour A-weighted equivalent sound level [$L_{Aeq(h)}$] is the energy average of A-weighted sound levels occurring during a one-hour period and is the basis for noise abatement criteria used by ADOT and FHWA.

- **Maximum Sound Level (L_{max}):** L_{max} is the highest instantaneous sound level measured during a specified period.

- **Minimum Sound Level (L_{min}):** L_{min} is the lowest instantaneous sound level measured during a specified period.

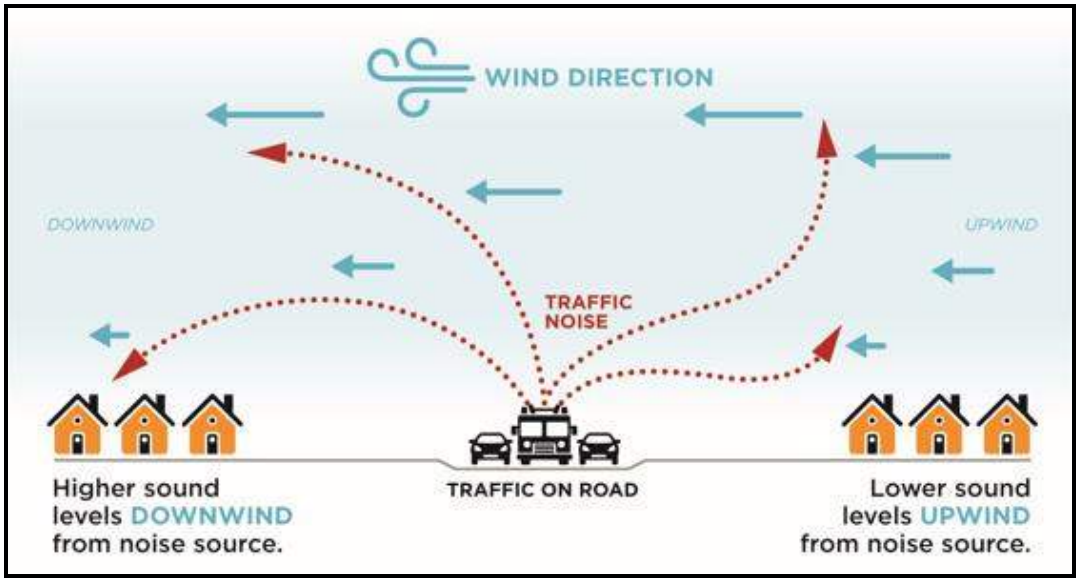
2.8 Weather Conditions

Changes in weather conditions also affect how well a noise barrier performs. Temperature inversions and downwind conditions can increase sound levels in neighborhoods protected by a noise barrier. Temperature lapses and upwind conditions can further reduce sound levels in neighborhoods protected by a noise barrier. The changes in sound levels will depend on the specific wind and temperature conditions.

Changing wind speeds above ground level can cause sound waves to bend toward or away from the earth — a process called refraction. The change in sound level depends on the

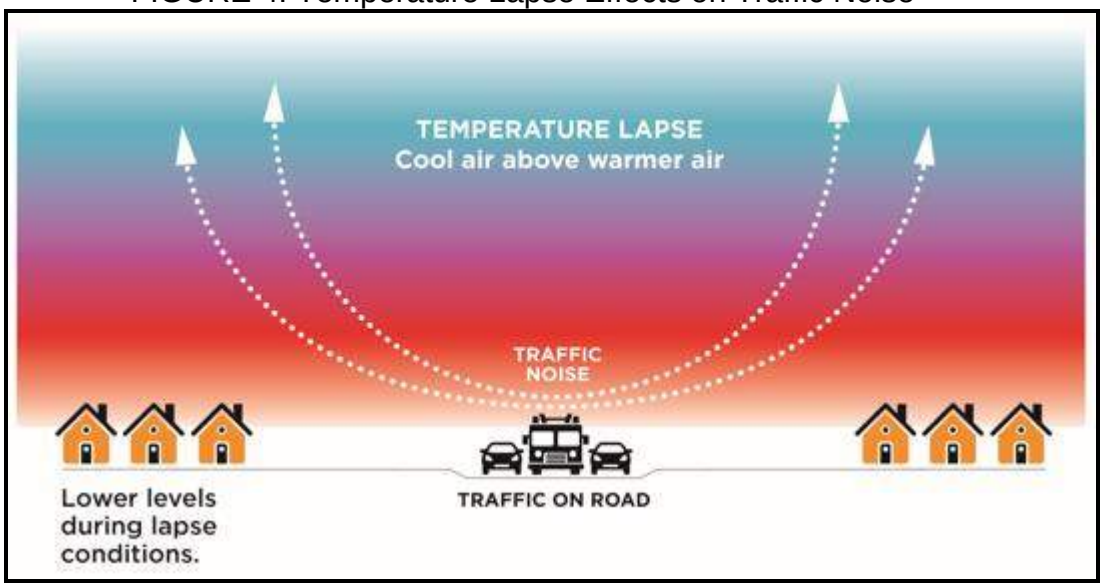
differences in wind speeds above ground and wind direction. You might notice that sound levels are higher when the wind is blowing from the highway toward you (downwind), as illustrated below. Conversely, you might notice that sound levels are lower when the wind is blowing away from you and toward the highway (upwind).

FIGURE 3. Wind Direction Effects on Traffic Noise



The temperature of the air above ground changes with height. A temperature lapse occurs when the air above ground is cooler than the air near the ground. Temperature lapses are common during the day. Lapses cause sound waves to bend away from the earth and reduce sound levels in nearby communities, as illustrated below. You might notice that sound levels are lower during the day than at night even though there may be more traffic on the road.

FIGURE 4. Temperature Lapse Effects on Traffic Noise



3.0 TRAFFIC NOISE ANALYSIS

3.1 FHWA and ADOT Noise Criteria

ADOT considers mitigation for receivers predicted to be impacted by increased noise levels associated with a proposed transportation improvement project. This analysis determines the traffic noise impacts based upon FHWA's Noise Abatement Criteria (NAC), which is referred to in the ADOT NAR dated May 4, 2017. The FHWA NAC specify an allowable traffic noise level for different categories of land uses and activities, as can be seen in Table 2.

The ADOT NAR describes impacts if the noise level "approaches" the allowable limits of the FHWA NAC. ADOT defines "approach" as one (1) dBA below the NAC for Categories A, B, C, D, and E and there is no noise impact threshold for Categories F and G. Homes, churches, schools, and parks are classified in Categories B and C, and the allowable hourly L_{eq} for these categories is 67 dBA.

TABLE 2
Noise Abatement Criteria
Hourly A-Weighted Sound Level – Decibels (dBA)

Activity Category	$L_{Aeq(h)}$[1], dBA	Description of Activity Category
A	57 (Exterior)	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B[2]	67 (Exterior)	Residential
C[2]	67 (Exterior)	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings
D	52 (Interior)	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios
E[2]	72 (Exterior)	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	---	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing
G	---	Undeveloped lands that are not permitted

Notes:
[1]. The hourly equivalent sound level, $L_{Aeq(h)}$, represents the A-weighted sound level that contains the same amount of acoustic energy as the actual time-varying A-weighted sound level over one hour.
[2]. Includes undeveloped lands permitted for this activity category.

Source: ADOT NAR Rev 2017-05-04

For Categories B and C, ADOT will consider mitigation for receivers with exterior traffic noise levels that are equal to or exceed 66 dBA. For Category E, ADOT will consider mitigation for receivers with exterior traffic noise levels that are equal to or exceed 71 dBA. Additionally,

ADOT will consider mitigation if the transportation improvement project is predicted to result in a substantial increase in noise level compared to the existing measured noise levels. A substantial noise level increase is equal to or greater than 15 dBA. In determining and reducing traffic noise impacts, exterior areas are given primary consideration and ADOT generally will consider mitigation only where frequent human use occurs.

3.2 Sensitive Land Uses in the Study Area

Land within the study area mainly belongs to private owners and the Arizona State Land Department. Existing land uses within the project area consist of residential, park, industrial, and vacant. Activity Category B includes single family homes, multi-family homes, and apartments. Activity Category C includes Bell Bank Park sports complex. Activity Category F includes retails, warehouses, and factories. Activity Category G includes undeveloped land for future commercial and industrial use. Existing and future land uses within the project area were examined using MAG's Land Use Explorer maps.

3.3 Existing Noise Levels

Existing noise-sensitive land uses within the project area were identified using land-use maps, aerial photographs, and site reconnaissance. The noise analysis of this project used four (4) geographical sections that correspond to noise receiver locations.

In total, 247 noise receivers were evaluated in the noise model for different land use categories and activities. The modeled noise receivers represent different activity categories such as residential (Category B), parks (Category C), industrial (Category F), and undeveloped lands (Category G). Each modeled noise receiver was assigned a two part identifier, such as RX. R stands for receivers, and followed by an arbitrary sequential number X.

Table 3 shows the description of the sections and the number of modeled receivers in each section.

TABLE 3
Location of Modeled Receivers

Section	Number of Modeled Receivers	Description of Section
1	49	SR 202L, between Guadalupe Road and SR 202/SR 24 TI
2	48	SR 202L, between SR 202/SR 24 TI and Power Road
3	61	SR 24, between SR 202/SR 24 TI and Williams Field Road
4	89	SR 24, between Williams Field Road and Ironwood Drive
Total Number of Modeled Receivers	247	

Ten (10) different sites were selected for noise monitoring within the project area (monitoring locations are labeled "MON") to document existing traffic noise levels. Noise monitoring was conducted from November 11, 2024 to November 13, 2024. During the monitoring, weather conditions (temperature, relative humidity, wind speed and direction, and sky condition) were documented (see Appendix B). A Larson Davis System 824 with sound level meter and real-time analyzer, which complies with ANSI S1.4 and Type I Standards, was used during the

noise monitoring. The noise monitoring followed the procedures specified in the report FHWA-PD-96-046/DOT-VNTC-FHWA-96-5, *Measurement of Highway-Related Noise*. The monitoring results are summarized in Table 4.

TABLE 4
Noise Level Measurements Summary

Section	Monitor Number	Address/Description	Monitoring Result Leq, dBA
1	MON-1	Residential community approximately 200 feet east of SR 202L	62
	MON-2	Vacant/abandoned parcel approximately 530 feet west of SR 202L	64
2	MON-10	Residential neighborhood approximately 130 feet north of SR 202	65
3	MON-3	ROW line for the newly built residential development approximately 175 feet east of SR 24	70
4	MON-4	Vacant parcel approximately 165 feet east of SR 24	62
	MON-5	Edge of Bell Bank Park recreational sports center, approximately 1,370 feet west of SR 24	55
	MON-6	Residential development currently under construction, approximately 250 feet north of SR 24	66
	MON-7	Vacant parcel, approximately 540 feet north of SR 24	56
	MON-8	Residential development approximately 370 feet north of SR 24	60
	MON-9	Vacant lands approximately 230 feet south of SR 24	68

The monitored noise levels represent the existing noise conditions within the project area. The average ambient noise levels from the measurements ranged from 55 dBA to 70 dBA. The lowest monitored noise level was recorded from site MON-5 on edge of Bell Bank Park recreational sport center approximately 1,370 feet west of SR 24. The highest monitored noise level was recorded from site MON-3 at the ROW line for the newly built residential development approximately 175 feet east of SR 24. Detailed noise level monitoring information is located in Appendix B of this report.

3.4 TNM 2.5 Modeling Approach and Assumptions

The FHWA-approved highway noise computer model Traffic Noise Model (TNM) 2.5 was used for the noise-level computations and mitigation analysis. Standard English units of measurement were used throughout this analysis.

Traffic noise levels are affected mainly by roadway geometry, traffic volumes, traffic speeds, traffic mix (percentage of cars, medium trucks and heavy trucks), and shielding effects between noise sources and receivers. These variables were input into the TNM 2.5 model to predict future 2050 design year noise levels at the sensitive receiver locations. If the predicted unmitigated noise levels are less than the NAR threshold of 66 dBA, no noise impacts would occur and no noise mitigation is warranted. Otherwise, mitigation consisting of noise barriers within the right-of-way would be evaluated. The barrier heights are then adjusted to achieve predicted mitigated noise levels of less than 66 dBA as applicable. Noise barriers are recommended if they meet the ADOT NAR “feasible” and “reasonable” criteria. Noise barriers are considered the most cost effective and accepted technique to mitigate traffic noise, and may consist of earth berms, concrete/masonry walls, or a combination of the two.

Roadway Geometry

The horizontal and vertical geometry of SR 202L mainline, SR 24 mainline, ramps, and cross roads utilized in this analysis were obtained from the final design files and the digital terrain model (DTM) provided by Stanley Consultants. Speed was modeled 5 miles per hour (mph) higher than posted speed limit.

Traffic Volumes

The FHWA NAC criteria specify that the noisiest condition be modeled for the project design year. In general this should reflect level of service (LOS) C traffic conditions during the peak noise hour, with traffic moving at 5 miles per hour above the posted speed limits. If future peak hour traffic volumes are less than maximum LOS C volumes, future peak hour traffic volumes will be utilized. For this project, ten (10) percent of the annual daily traffic volumes derived from the approved MAG traffic demand model were used as peak hour volumes in the noise model for SR 202L and SR 24 mainlines, ramps, and cross roads. The traffic volumes used in this analysis are included in Appendix C.

Traffic Mix

Traffic mix is the percentage of vehicles by type, typically including cars, medium trucks, and heavy trucks. Traffic mix is an important factor on the magnitude of noise levels. Generally, heavy trucks generate more noise than cars and medium trucks. Therefore, the higher the percentage of heavy trucks, the louder the noise levels would be.

Vehicle types are defined as follows:

- Cars: All vehicles with two axles and four wheels designed primarily for passenger transportation or cargo (light trucks). Generally, the gross vehicle weight is less than 10,000 pounds.
- Medium Trucks: All vehicles having two axles and six wheels designed for the transportation of cargo. Generally, the gross vehicle weight is greater than 10,000 pounds but less than 26,400 pounds.
- Heavy Trucks: All vehicles having three or more axles and designed for the transportation of cargo. Generally, the gross weight is greater than 26,400 pounds.

The traffic mix percentage used in this analysis is provided by MAG’s traffic demand model and is included in Appendix C.

Traffic Speed

For the Build condition, SR 202L and SR 24 mainlines were modeled at operating speed of 70 mph (5 mph above the posted speed limit). Directional ramps were modeled at 60 mph. The service TI on-ramp and off-ramp speeds were modeled at 50 mph. The cross street speeds were modeled at 50 mph.

Model Validation

Model validation is a process for testing a model to ensure that it produces reliable results and to confirm that traffic noise is the predominant noise source at the receptor locations. In general, validation involves comparing actual noise measurements with the noise levels predicted by the model for existing conditions at the same location. The model is considered to be verified if the model results are within ±3 dBA of the field measurements recorded at the site for the same conditions. The three representative monitoring sites (MON-3, MON-6, and MON-8) were modeled within the ±3 dBA measured at those sites. Therefore, the entire model is considered valid.

Shielding Effects

TNM 2.5 can account for the noise shielding effects created by existing noise barriers, privacy walls, buildings, and terrain changes that are an obstruction between noise sources and receivers. Neighborhood privacy walls and large commercial or apartment buildings were modeled as barriers. Cut-and-fill slopes and corresponding elevation changes were modeled as terrain lines. Rows of homes in neighborhoods were modeled as building rows. Four (4) existing noise barriers along SR 202L were included in the model. Also included in the model were “loose soil” ground type and existing privacy walls measuring approximately 6 feet high that typically shield residential subdivisions. Assumptions included average pavement type and default weather. These default assumptions are the FHWA-recommended values.

3.5 Construction Noise Impacts

Depending on the nature of construction operations, duration of noise could last from seconds (e.g. a truck passing a customer) to months (e.g. constructing a bridge). Construction noise is also intermittent and depends on the type of operation, location, and function of the equipment as well as the equipment usage cycle. Construction equipment is typically considered as a point source, as opposed to traffic which is considered as a line source; therefore, the noise level decreases, theoretically, by 6 dB(A) per doubling the distance from it, as opposed to 3 dB(A) for line source. Noise levels, at various distances using listed equipment are shown in Table 5. ADOT has set forth guidelines for construction noise in the *Standard Specifications for Road and Bridge Construction*, 2008. Per ADOT specifications 104.08 Prevention of Air and Noise Pollution:

“The contractor shall comply with all local sound control and noise rules, regulations and ordinances which apply to any work pursuant to the contract. Each internal combustion engine used for any purpose on the work or related to the work shall be equipped with a muffler or a type recommended by the manufacturer. No internal combustion engine shall be operated on the work without its muffler being in good working condition.”

TABLE 5 Construction Noise Levels at Various Distances from the Equipment					
Equipment	Land Use	Residential	Descriptor		L10
	R_300 ft	R_600 ft	R_900 ft	R_1200 ft	R_1500 ft
Auger Drill Rig	64.8	58.8	55.3	52.8	50.8
Boring Jack Power Unit	67.4	61.4	57.9	55.4	53.4
Compactor (ground)	63.7	57.7	54.1	51.6	49.7
Concrete Mixer Truck	62.3	56.2	52.7	50.2	48.3
Dump Truck	59.9	53.9	50.4	47.9	45.9
Excavator	64.2	58.1	54.6	52.1	50.2
Generator	65.1	59.0	55.5	53.0	51.1
Compressor (air)	61.1	55.1	51.6	49.1	47.1
Grader	68.5	62.4	58.9	56.4	54.5
Warning Horn	57.6	51.6	48.1	45.6	43.6
All Other Equipment > 5 HP	69.4	63.4	59.9	57.4	55.4
Bar Bender	60.4	54.4	50.9	48.4	46.5
Concrete Pump Truck	61.8	55.8	52.3	49.8	47.9
Soil Mix Drill Rig	64.4	58.4	54.9	52.4	50.4
Concrete Saw	70.0	64.0	60.5	58.0	56.0
Auger Drill Rig	64.8	58.8	55.3	52.8	50.8
Roller	60.4	54.4	50.9	48.4	46.5

Ground vibration and ground-born noise can also be a source of annoyance to individuals who live or work close to vibration-generating activities. Pile driving, demolition activity, blasting, and crack-and-seat operations are the primary sources of vibration, while the impact pile driving can be the most significant source of vibration at construction sites. It is recommended to apply methods that may be practical and appropriate in specific situations, to reduce vibration to an acceptable level. Such measures may be:

- Jetting
- Predrilling
- Cast-in-place or auger cast piles
- Non-displacement piles
- Pile cushioning
- Using alternative non-impact drivers
- Scheduling activities to minimize disturbance at near-construction sites

To minimize noise impacts on the neighborhoods during construction, the following mitigation measures will be followed:

- Exhaust systems on equipment will be kept in good working order, in accordance with Section 104.08, *Prevention of Air and Noise Pollution* of the ADOT Standard Specifications for Road and Bridge Construction;

- Engine enclosures and intake silencers will be used where appropriate;
- Equipment will be maintained on a regular basis;
- New equipment will meet new noise emission standards;
- Stationary equipment will be located as far away from neighborhoods as possible; and
- The public shall be notified of construction operations and schedules by the ADOT's Communications office during construction.

4.0 NOISE MITIGATION EVALUATION

4.1 Noise Mitigation Guidelines

The ADOT NAR adopted in 2017 provides guidelines for noise abatement based on both the "feasible" and "reasonable" criteria. The ADOT NAR defines "feasibility" based on engineering and acoustical considerations (e.g., if a barrier can be built given the topography of the location; considering access, drainage, safety, or maintenance requirements, can a substantial noise reduction be achieved? are other noise sources present in the area? etc.). According to the ADOT NAR, engineering feasibility factors of abatement shall include:

- Safety – noise barriers will not be constructed in such a way as to create a potential safety hazard or to inhibit response to a safety emergency.
- Barrier height – due to safety, structural and wind load considerations, ADOT will not normally construct barriers higher than 20 feet, as a stand-along structure. However, a wall segment height may be up to 24 feet.
- Topography – the topography of the local area may potentially preclude the use or reduce the effectiveness of noise abatement measures such as barriers and berms.
- Drainage – any noise abatement measure constructed must provide for adequate drainage, both as a safety concern and to prolong the lifespan of the roadway.
- Utilities – in the event of a conflict between existing or planned utilities and potential noise abatement measures, any extra cost involved with utility relocation or modification may be included in the wall cost when comparing against the cost-per-benefited-receptor.
- Maintenance requirements – abatement measures must be designed and constructed in such a way as to allow access to perform maintenance activities both for the barrier and for adjacent properties.
- Access to adjacent properties – abatement measures must not be designed or constructed in a manner that denies access to any property adjacent to the barrier.
- Overall project purposes – the use of abatement measures must be consistent with the overall purpose of the project.

For a noise abatement measure to be acoustically feasible ADOT requires achievement of at least a five (5) dBA highway traffic noise reduction at 50% of impacted receptors.

The "reasonable" criterion implies that common sense and good judgment were applied in arriving at a decision. According to the ADOT NAR, reasonability of abatement shall include:

- Viewpoints or preferences of property owners and residents – The preferences of the property owners and residents of the benefited receptors of a noise barrier will be taken into account when determining whether the barrier is considered reasonable.
- Noise reduction design goal – Noise barriers should be designed to reduce projected unmitigated noise levels by at least seven (7) dBA for benefited receptors closest to the transportation facility. To be considered reasonable, at least half of the benefited receptors in the first row shall achieve this level of noise reduction.

- Cost effectiveness – The maximum reasonable cost of abatement is $49,000 per benefited receptor (cost-per-benefited-receptor) with barrier costs calculated at $35 per square foot, $85 per square foot if constructed on a structure.

4.2 Substantial Noise Level Increase

The projected increases in noise levels for receivers that were monitored are shown in Table 6. The monitoring results represent the existing noise levels. The TNM 2.5 2050 unmitigated column represents the future predicted noise levels in the Build Condition. The difference between these two values, the Arithmetic Increase column, is the projected increase in noise levels.

TABLE 6
Substantial Noise Level Increases

Section	Monitor Number	Noise Receiver	Noise Level Leq, dBA		
			Monitoring Result	TNM 2.5 2050 unmitigated	Arithmetic Increase
1	MON-1	---	62	64	2
	MON-2	---	64	66	2
2	MON-10	---	65	62	-3
3	MON-3	---	70	76	6
4	MON-4	---	62	69	7
	MON-5	---	55	56	1
	MON-6	---	66	74	8
	MON-7	---	56	66	10
	MON-8	---	60	70	10
	MON-9	---	68	67	-1

The arithmetic increases between the monitoring levels and future predicted noise levels range from -3 to 10 dBA; no monitoring sites show a significant increase of equal to or greater than 15 dBA. As a result, no noise mitigation was evaluated due to the substantial noise level increases predicted for monitoring sites.

4.3 Noise Modeling Results

Appendix A shows noise receivers and potentially recommended barrier locations and Appendix D shows the predicted noise levels for the Build condition based on the results of the TNM 2.5 modeling. Modeling results are rounded to the nearest decibel before comparisons are made. In some cases, this can result in relative changes that may not appear intuitive. For example, the difference between sound levels of 64.4 and 64.5 dBA is 0.1 dBA. However, after rounding to the nearest whole number, the difference is reported as 1 dBA. Noise modeling and results were divided into Sections 1 and 2 and are discussed below.

Development/permit plans were requested from City of Mesa and Town of Queen Creek and potential sensitive noise receptors were included in the noise analysis. South side of SR 24 is planned primarily for light industrial/commercial, and north side is primarily residential developments.

Section 1: SR 202L, between Guadalupe Road and SR 202/SR 24 TI

Section 1 has 49 modeled receivers representing receptors in residential (noise category B), commercial (noise category F), and undeveloped land (noise category G). Only one (1) receiver (R47) is greater than the ADOT NAR threshold of 66 dBA in NAC Category B. As a result, consideration of noise mitigation for this receiver is warranted in Section 1.

Receiver R47 represents a large lot residential property. Barrier 1A was evaluated along Hawes Road Ramp C shoulder for receiver R47. Because receiver R47 could not get 5 dBA noise reduction with barrier height up to 20 feet, as a result, Barrier 1A is not recommended.

Section 2: SR 202L, between SR 202/SR 24 TI and Power Road

Section 2 has 48 modeled receivers representing receptors in residential (noise category B), commercial (noise category F), and undeveloped land (noise category G). Noise levels in 2050 Build condition for residential receivers are less than ADOT NAR threshold of 66 dBA in NAC Category B with noise shielding from the existing noise barriers. There are no noise limits for noise categories F and G, no noise impact would occur and barriers were not evaluated in Section 2.

Section 3: SR 24, between SR 202/SR 24 TI and Williams Field Road

Section 3 has 61 modeled receivers representing receptors in residential (noise category B), commercial and industrial (noise category F), and undeveloped land (noise category G). The noise levels of 35 receivers are greater than or equal to the ADOT NAR threshold of 66 dBA in NAC Category B; As a result, consideration of noise mitigation for these receivers is warranted.

The predicted noise levels at receivers R113 through R150, representing single family homes at Parcel J at PPGN subdivision and Cadence at Gateway Phase 2 subdivision, are greater than 66 dBA. Noise barrier WB1 on the westbound side of SR 24 was evaluated to shield receivers representing these sensitive receptors. The barrier was evaluated along the ROW

from Station 74+29 to 120+83. The height for the barrier segments would be 8 to 16 feet above ground. The cost-per-benefited receptor is less than the ADOT NAR criteria of $49,000. In addition, barrier WB1 also meets acoustic feasibility and noise reduction design goal. As a result, new barrier WB1 is recommended.

Barrier Summary for Section 3 is shown in Table 7.

TABLE 7
Barrier Summary Section 3 – SR 24, between SR 202/SR 24 TI and Williams Field Road

Noise Barrier	Barrier Height Range (ft)	Barrier Length (ft)	Area of Barrier (ft^2)	Total Barrier Cost[1]	Number of Benefited Receptors	Cost-Per-Benefited-Receptor
New Barrier WB1 (Sta 74+29 to Sta 120+83)	8 – 16	4,791	62,513	$2,187,955	69	$31,709
Total for Recommended Barriers	8 – 16	4,791	62,513	$2,187,955	69	$31,709

Notes:
[1] Barrier unit cost of $35 per square foot on ground and $85 per square foot on structure is used for calculation of the cost per benefited receptor only.
66 out of 79 impacted receptors can achieve 5 dBA or more noise reduction. Acoustic feasibility is met for Barrier WB1.
31 out of 48 first row benefited receptors can achieve 7 dBA or more noise reduction. 7 dBA design goal is met for Barrier WB1.

Section 4: SR 24, between Williams Field Road and Ironwood Drive

Section 4 has 89 modeled receivers representing receptors in residential (noise category B), park (noise category C), commercial and industrial (noise category F), and undeveloped land (noise category G). There are car dealerships planned on east and west sides of Signal Butte Road, north side of SR 24. Walmart and other commercial developments are planned on the northwest quadrant between SR 24 and Mountain Road. The noise levels of 26 receivers are greater than or equal to the ADOT NAR threshold of 66 dBA in NAC Category B; As a result, consideration of noise mitigation for these receivers is warranted.

The predicted noise levels at receivers R157 through R185, representing single family homes at the Avalon Crossing subdivision under construction, are greater than 66 dBA. Noise barrier WB2 on the westbound side of SR 24 was evaluated to shield receivers representing these sensitive receptors. The barrier was evaluated along the ROW from Station 139+91 to 183+39. The height for the barrier segments would be 10 to 14 feet above ground. The cost-per-benefited receptor is less than the ADOT NAR criteria of $49,000. In addition, barrier WB2 also meets acoustic feasibility and noise reduction design goal. As a result, new barrier WB2 is recommended.

The predicted noise levels at receivers R156 through R156J, representing new multi-family development with approved zoning and design at the northeast quadrant between SR 24 and Williams Field Road, are greater than 66 dBA. Noise barriers WB3A and WB3B on the westbound side of SR 24 were evaluated to shield receivers representing these sensitive receptors. The barriers were evaluated along the mainline (Station 118+07 to Sta 134+99) and WB Williams Field Road offramp (Station 134+04 to 140+09). The height for the barrier segments would be 6 feet along the mainline and 10 feet above ground along the offramp. The cost-per-benefited receptor is less than the ADOT NAR criteria of $49,000. In addition, barriers

WB3A and WB3B also meet acoustic feasibility and noise reduction design goal with combined noise shielding effect of the proposed developer wall of 6 feet high. As a result, new barriers WB3A and WB3B are recommended.

Barrier Summary for Section 4 is shown in Table 8.

TABLE 8
Barrier Summary Section 4 – SR 24, between Williams Field Road and Ironwood Drive

Noise Barrier	Barrier Height Range (ft)	Barrier Length (ft)	Area of Barrier (ft^2)	Total Barrier Cost[1]	Number of Benefited Receptors	Cost-Per-Benefited-Receptor
New Barrier WB2 (Sta 139+91 to Sta 183+39)	10 – 14	4,200	52,401	$1,834,035	51	$35,961
New Barrier WB3A & WB3B (Sta 118+07 to Sta 134+99) & (Sta 134+04 to Sta 140+09)	6 & 10	2,272	16,021	$673,200	16	$42,075
Total for Recommended Barriers	6 – 14	6,472	68,422	$2,507,235	67	$37,422

Notes:

[1] Barrier unit cost of $35 per square foot on ground and $85 per square foot on structure is used for calculation of the cost per benefited receptor only.

51 out of 58 impacted receptors can achieve 5 dBA or more noise reduction. Acoustic feasibility is met for Barrier WB2.

22 out of 33 first row benefited receptors can achieve 7 dBA or more noise reduction. 7 dBA design goal is met for Barrier WB2.

16 out of 16 impacted receptors can achieve 5 dBA or more noise reduction. Acoustic feasibility is met for Barrier WB3A & WB3B.

8 out of 16 first row benefited receptors can achieve 7 dBA or more noise reduction. 7 dBA design goal is met for Barrier WB3A & WB3B.

5.0 CONCLUSION AND RECOMMENDATION

This noise report provides the existing monitored and future predicted 2050 design year noise levels and recommendations for mitigation measures in accordance with the ADOT NAR for the SR 24 freeway project. This study evaluates impacts predicted to result from traffic noise levels during the noisiest conditions that would result from the planned improvements to SR 202 and SR 24 freeways.

Table 9 below summarizes the results of the recommended noise mitigation/barriers determined in accordance with the ADOT NAR guidelines for the project. A total of four (4) separate new noise barriers are recommended. Barrier WB1 is recommended for single family homes along westbound SR 24 ROW between Ellsworth Road and Williams Field Road. Barrier WB2 is recommended for single family homes along westbound SR 24 ROW between Williams Field Road and Signal Butte Road. Barriers WB3A and WB3B are recommended for multi-family homes along westbound SR 24 shoulder between Williams Field Road and Crismon Road. The noise barrier locations and termini described in this report are subject to adjustments by final designers to accommodate final design features not considered with the detail of the noise analysis and this report.

TABLE 9
Recommended Barrier Summary

Noise Barrier	Barrier Height Range (ft)	Barrier Length (ft)	Area of Barrier (ft^2)	Total Barrier Cost[1]	Number of Benefited Receptors	Cost-Per-Benefited-Receptor
New Barrier WB1 (Sta 74+29 to Sta 120+83)	8 – 16	4,791	62,513	$2,187,955	69	$31,709
New Barrier WB2 (Sta 139+91 to Sta 183+39)	10 – 14	4,200	52,401	$1,834,035	51	$35,961
New Barrier WB3A & WB3B (Sta 118+07 to Sta 134+99) & (Sta 134+04 to Sta 140+09)	6 & 10	2,272	16,021	$673,200	16	$42,075
Total for Recommended Barriers	6 – 16	11,263	130,935	$4,695,190	136	$34,523

Notes:
[1] Barrier unit cost of $35 per square foot on ground and $85 per square foot on structure is used for calculation of the cost per benefited receptor only.

6.0 STATEMENT OF LIKELIHOOD

This statement of likelihood is to be included in the environmental document since feasibility and reasonableness determinations may change due to changes in project design after approval of the environmental document. This report contains a preliminary location and physical description of noise abatement measures determined feasible and reasonable in the preliminary analysis. The final recommendations on the construction of abatement measures described within the report are to be determined during the completion of the project's final design and the public involvement processes, in line with ADOT’s Instruction on Solicitation of Viewpoints in Project Type I Noise Analysis.

References

Arizona Department of Transportation, *Noise Abatement Requirements*, May 2017.

Arizona Department of Transportation, *Standard Specifications for Road and Bridge Construction*, 2021.

National Cooperative Highway Research Program, *Supplemental Guidance on the Application of FHWA's Traffic Noise Model (TNM)*, March 2014.

U.S. Code of Federal Regulations, Title 23, Part 772. *Procedures for Abatement of Highway Traffic Noise and Construction Noise*.

U.S. Department of Transportation, Federal Highway Administration, *FHWA Roadway Construction Noise Model User's Guide*, January 2006.

U.S. Department of Transportation, Federal Highway Administration, Highway Traffic *Noise Analysis and Abatement Policy and Guidance*, June 1995.

U.S. Department of Transportation, Federal Highway Administration, *Measurement of Highway-Related Noise*, FHWA-PD-96-046, May 1996.

Glossary of Terms

Design Year – The future year used to estimate the probable traffic volume for which a highway is designed. Normally, traffic estimates are projected 20 years into the future from the estimated start date of construction.

Existing Sound Level – The current noise level, made up of all natural and manmade noises normally present within a particular area. The existing sound level provides a reference point for determining noise impacts when transportation improvements or new highways are being considered.

Insertion Loss – A term used in noise analysis describing the projected noise reduction that results when a noise barrier is placed between a noise source and a receiver.

L_{eq} – The equivalent steady-state, A-weighted sound level which, in a stated period of time, would contain the same acoustical energy as the time-varying sound levels during the same period.

Noise Receiver – The technical term used in noise modeling to describe the location of a potential noise impact.

Shielding – Any construction or natural barrier which, when interposed between the noise source and the receiver, will provide an excess reduction in roadway noise.

TNM Model Runs Description

TNM File Name	Description
Build Condition	
SR24_S1_v2	Section 1, SR 202L, between Guadalupe Road and SR202/SR24 TI. No noise barriers are recommended in Section 1.
SR24_S2_v2	Section 2, SR 202L, SR 202L, between SR202/SR24 TI and Power Road. No noise barriers are recommended in Section 2.
SR24_S3_v3_Unmitigated	Section 3, SR 24, between SR202/SR24 TI and Williams Field Road. Unmitigated noise levels in Build condition.
SR24_S3_v3_Mitigated	Section 3, SR 24, between SR202/SR24 TI and Williams Field Road. Mitigated noise levels in Build condition. Barrier WB1 is recommended in Section 3.
SR24_S4A_SilverValley_v4	Section 4, SR 24, between Williams Field Road and Crismon Road. Barriers WB3A and WB3B are recommended for Silver Valley developments in this area.
SR24_S4A_Unmitigated	Section 4, SR 24, between Crismon Road and Signal Butte Road. Unmitigated noise levels in Build condition.
SR24_S4A_Mitigated	Section 4, SR 24, between Crismon Road and Signal Butte Road. Mitigated noise levels in Build condition. Barrier WB2 is recommended in this area.
SR24_S4B_v5	Section 4, SR 24, between Signal Butte Road and Ironwood Drive. No noise barriers are recommended in this area.

APPENDIX A

Noise Receiver and Recommended Barrier Locations

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
- Local Roads
- Project Design
- Right-of-Way

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
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024 MA 000 F0719 01D/02D
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Index Map

Feet
0 250 500

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Feet
0 250 500

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State Route 202L - Ironwood Drive

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- Local Roads
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- Right-of-Way

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Feet

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Sources:
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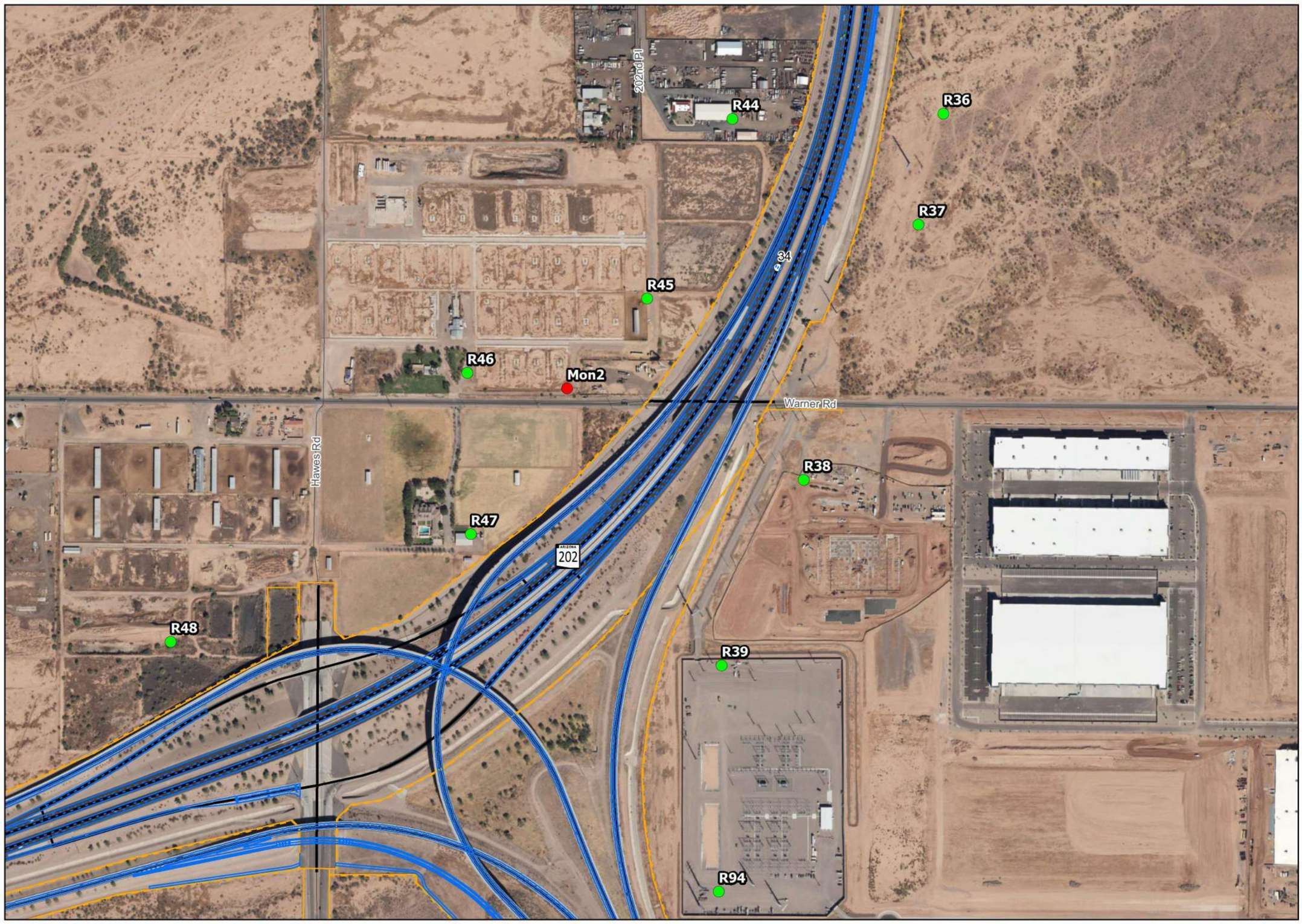

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

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024-A(201)T

- Noise Receiver
- Monitoring Location
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Feet
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Sources:
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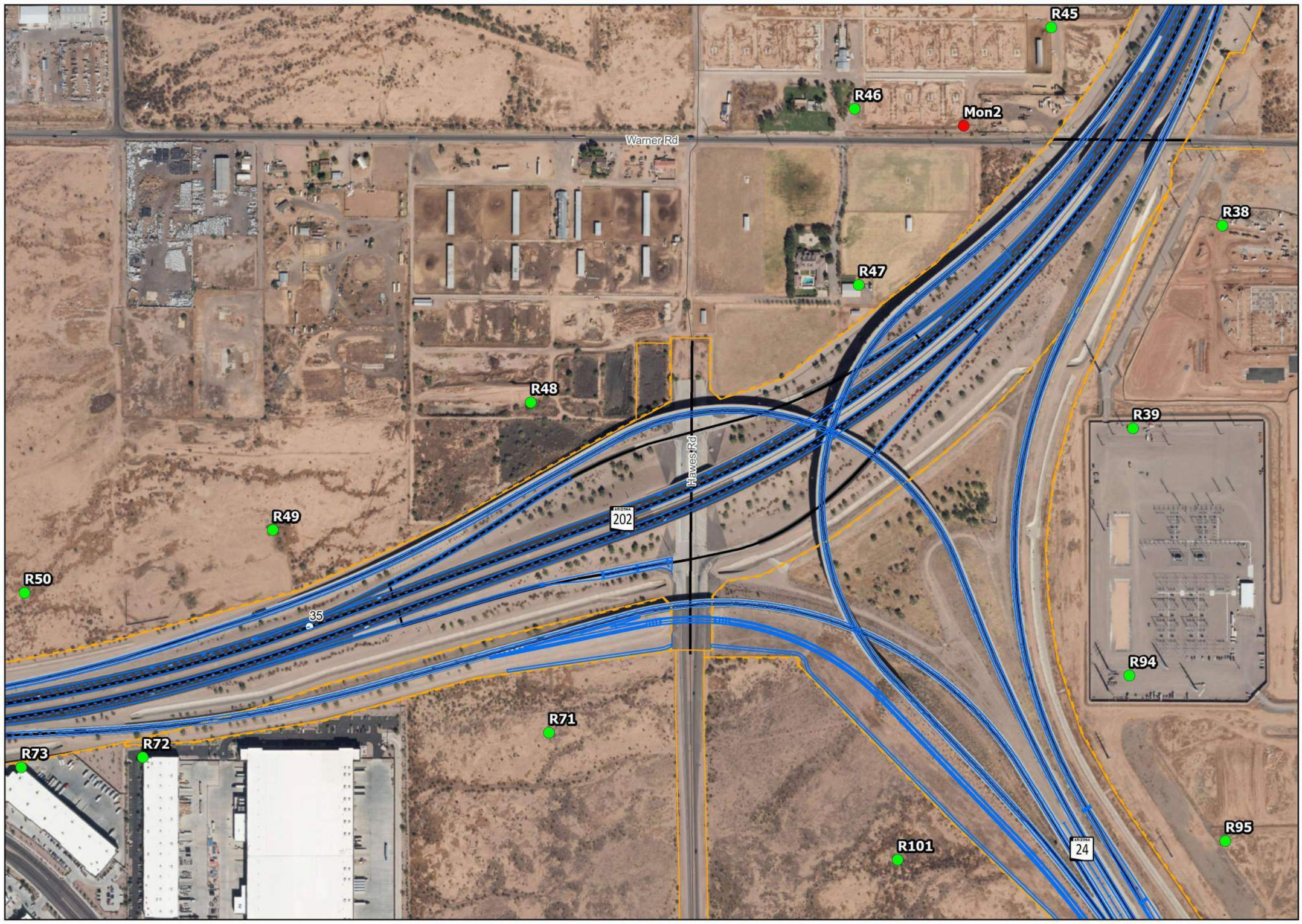

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

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- Noise Receiver
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Feet
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- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
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- Right-of-Way

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Feet
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Sources:
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- Noise Receiver
- Monitoring Location
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Feet
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- Noise Receiver
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Feet
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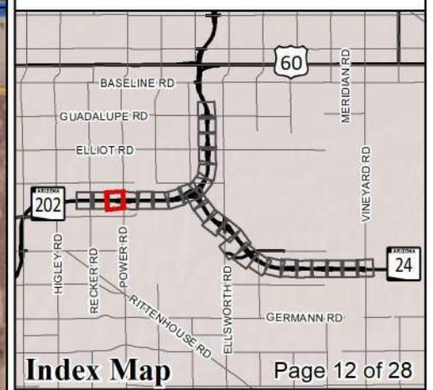
- Project Design
- Right-of-Way



Index Map

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

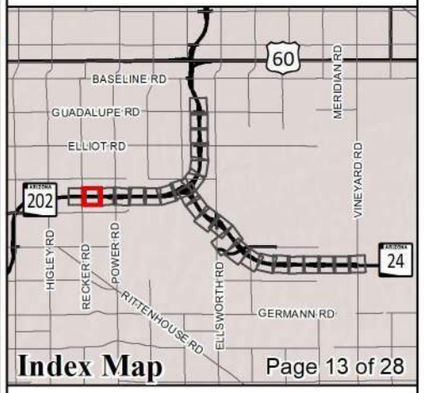
Map Disclaimer: This map is intended for general siting purposes only.

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
- Local Roads
- Project Design
- Right-of-Way



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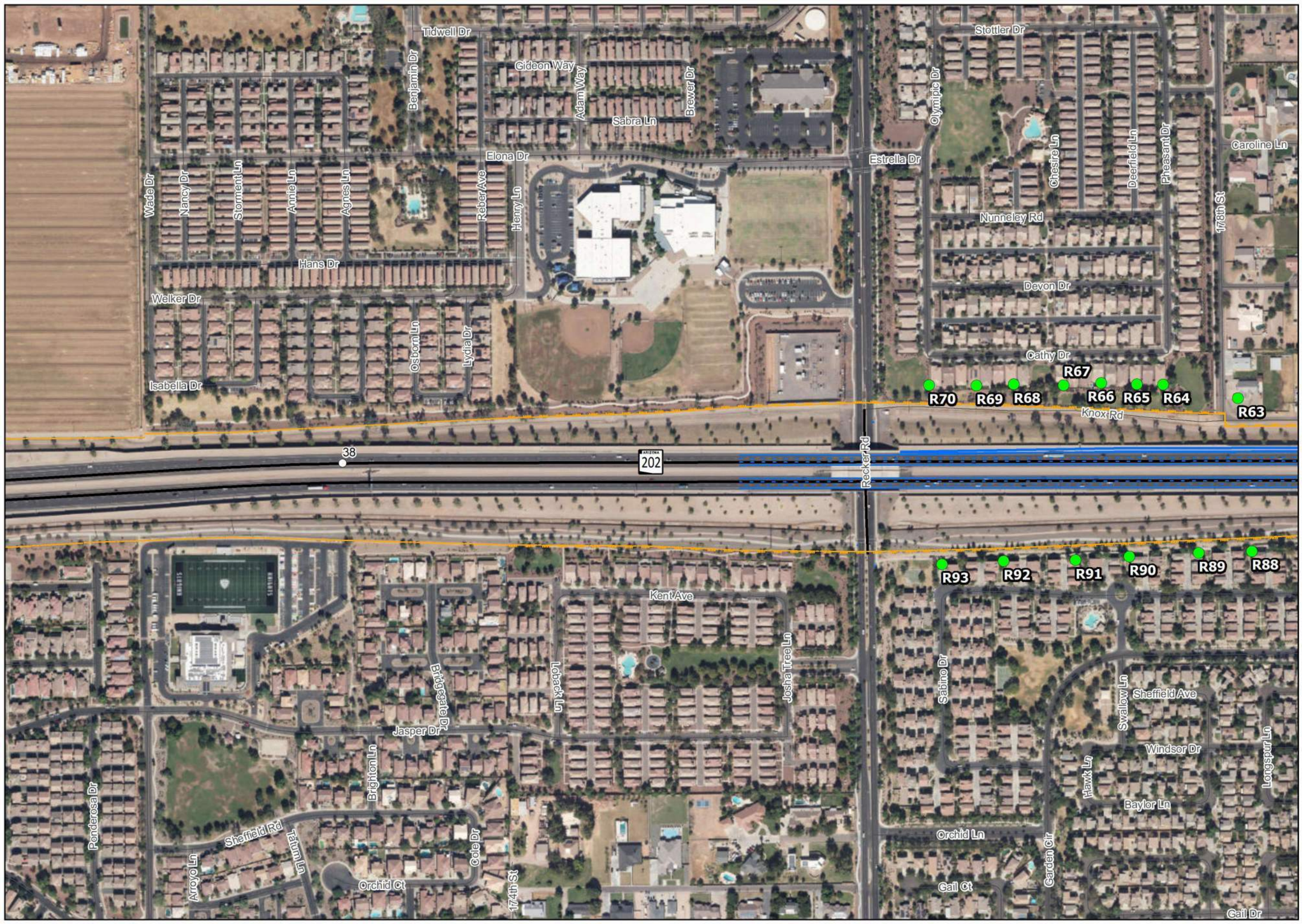
Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.



ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
- Local Roads
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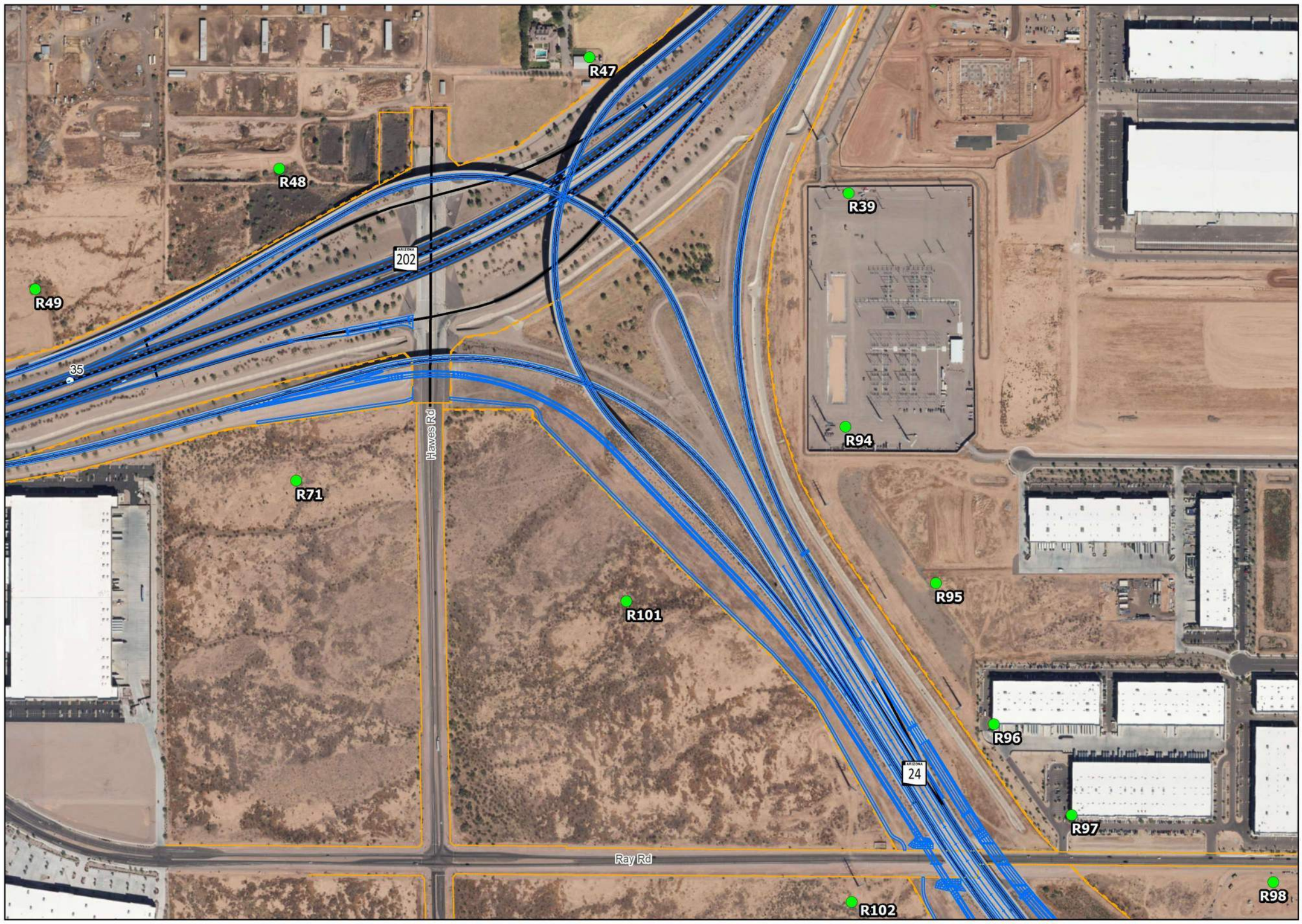
- Right-of-Way

Index Map

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.



ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
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- Local Roads
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Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

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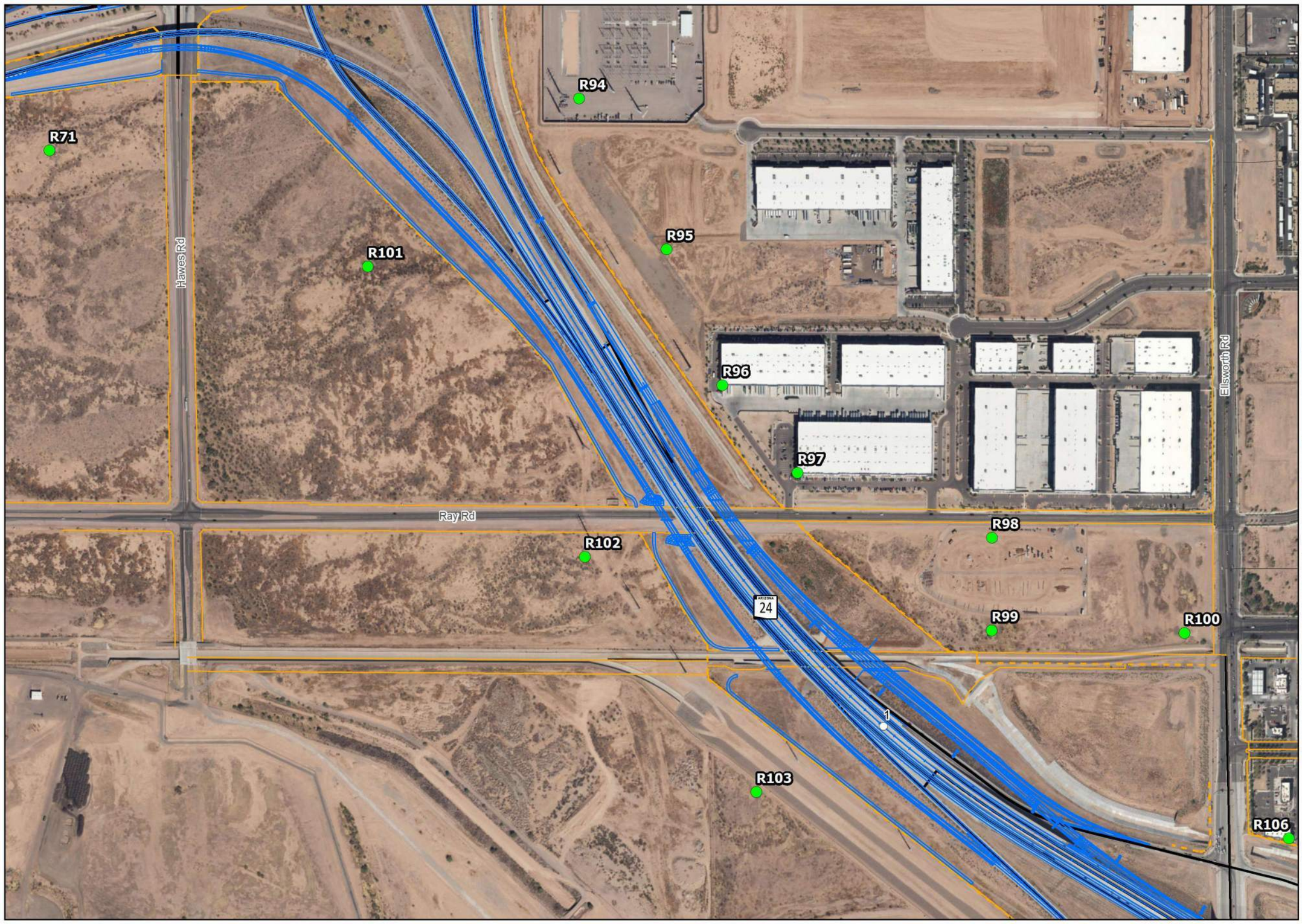

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
- Local Roads
- Project Design
- Right-of-Way

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Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

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ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

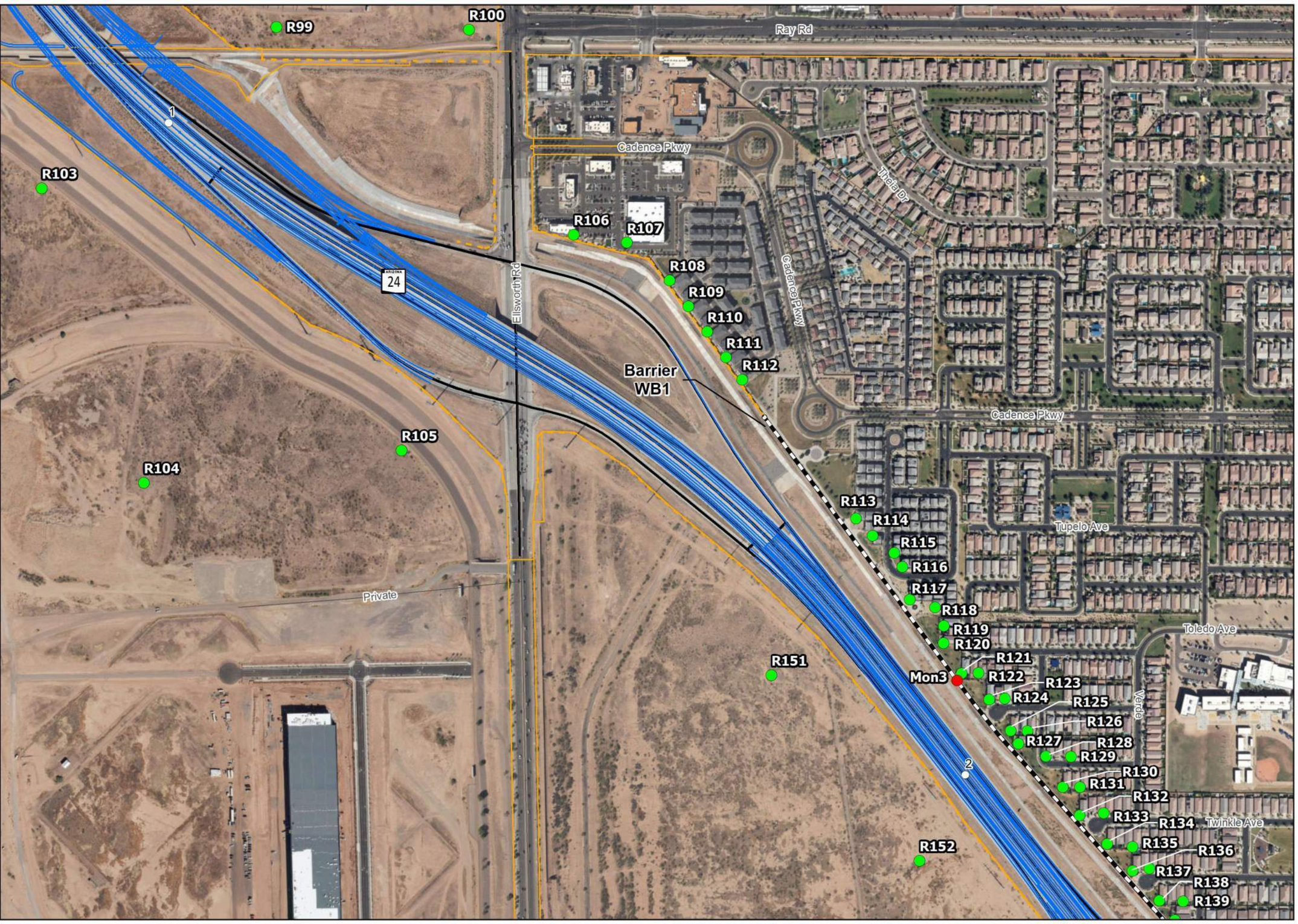
- Noise Receiver
- Monitoring Location
- Mileposts
- Recommended Noise Barrier
- State Route
- Local Roads
- Project Design
- Right-of-Way

Index Map

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.

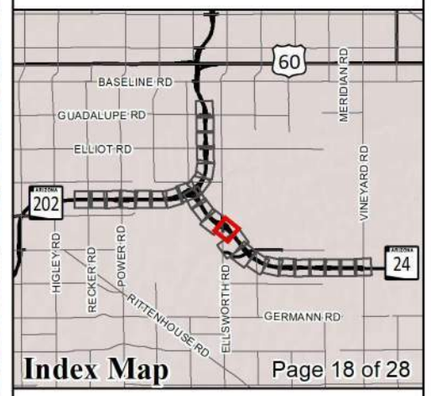


ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- Recommended Noise Barrier
- State Route
- Local Roads
- Project Design
- Right-of-Way



Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025);
Maricopa County Imagery (2025).

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ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- Recommended Noise Barrier
- State Route
- Local Roads
- Project Design
- Right-of-Way

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

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ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
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- Local Roads
- Project Design
- Right-of-Way

Index Map

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

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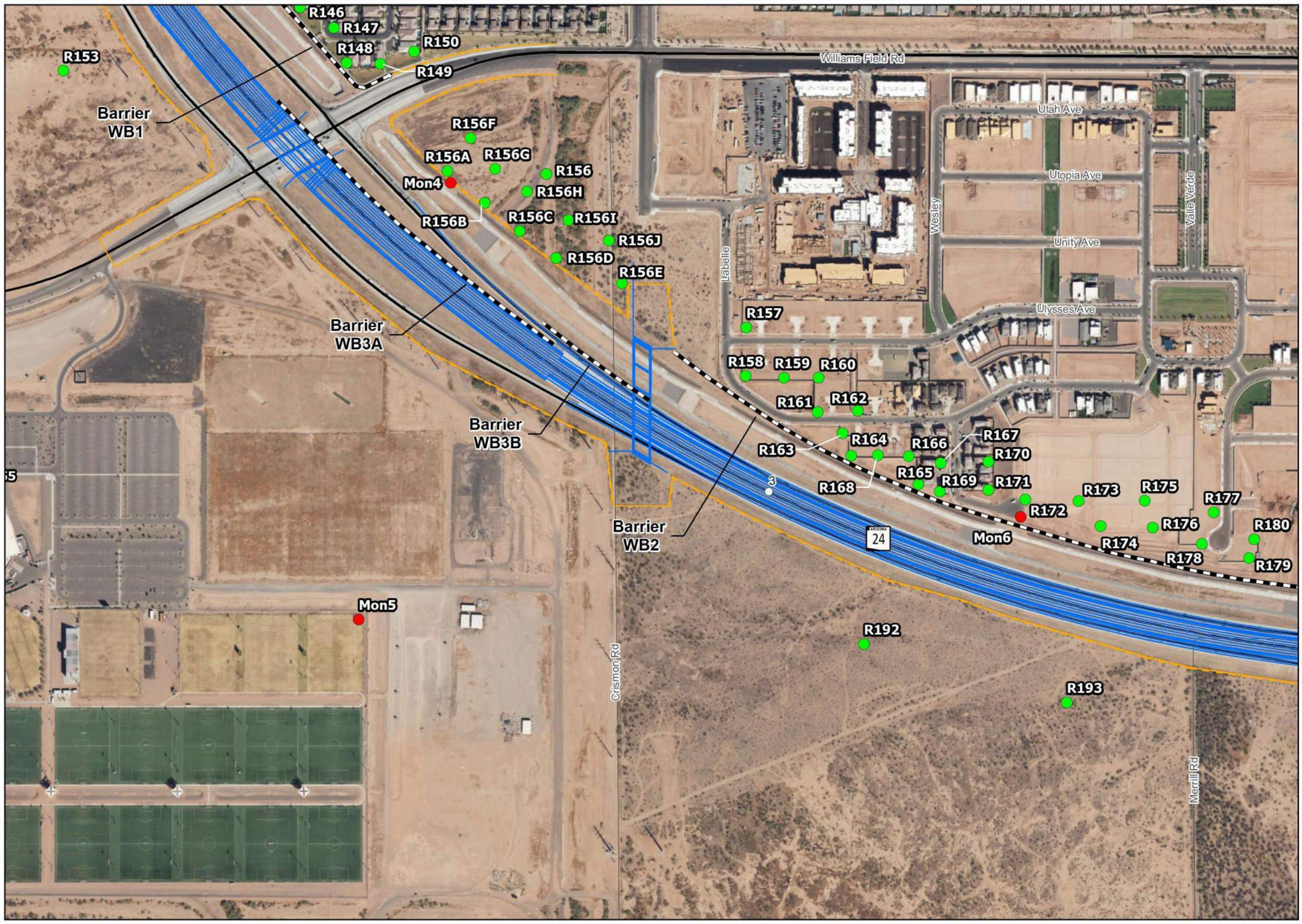

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- Recommended Noise Barrier
- State Route
- Local Roads
- Project Design
- Right-of-Way

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

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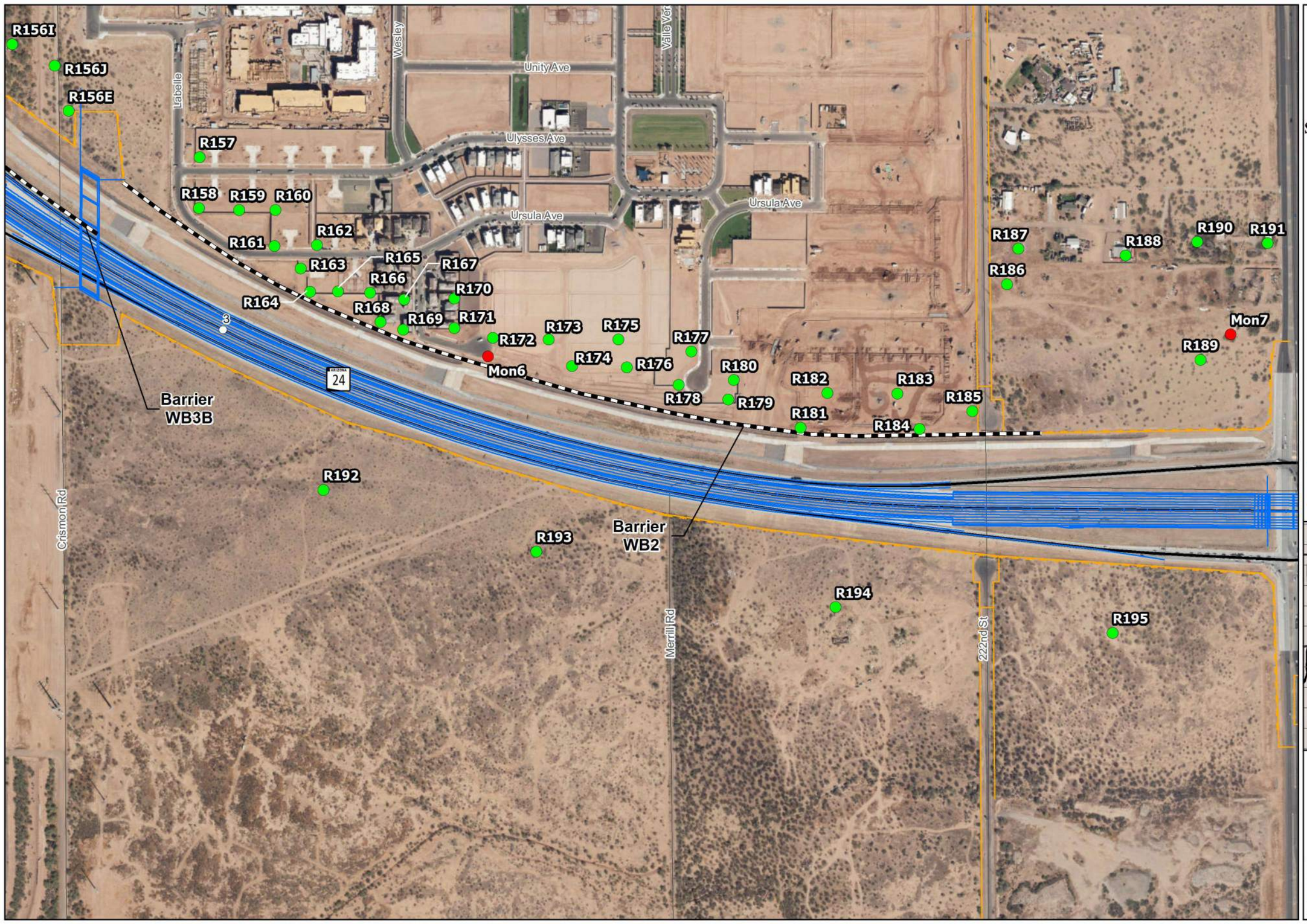

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- Recommended Noise Barrier
- State Route
- Local Roads
- Project Design
- Right-of-Way

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Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

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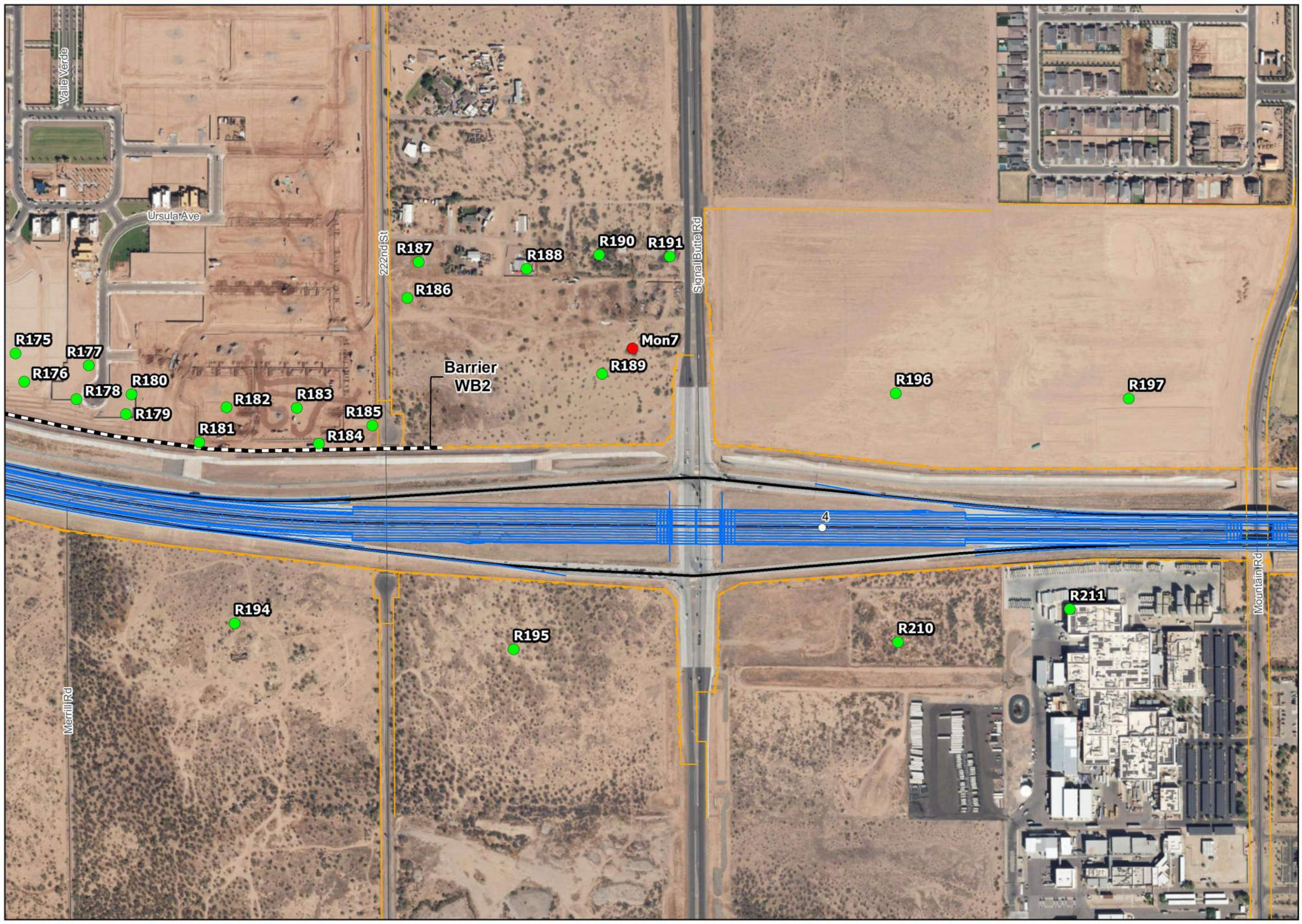

ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- Recommended Noise Barrier
- State Route
- Local Roads
- Project Design
- Right-of-Way

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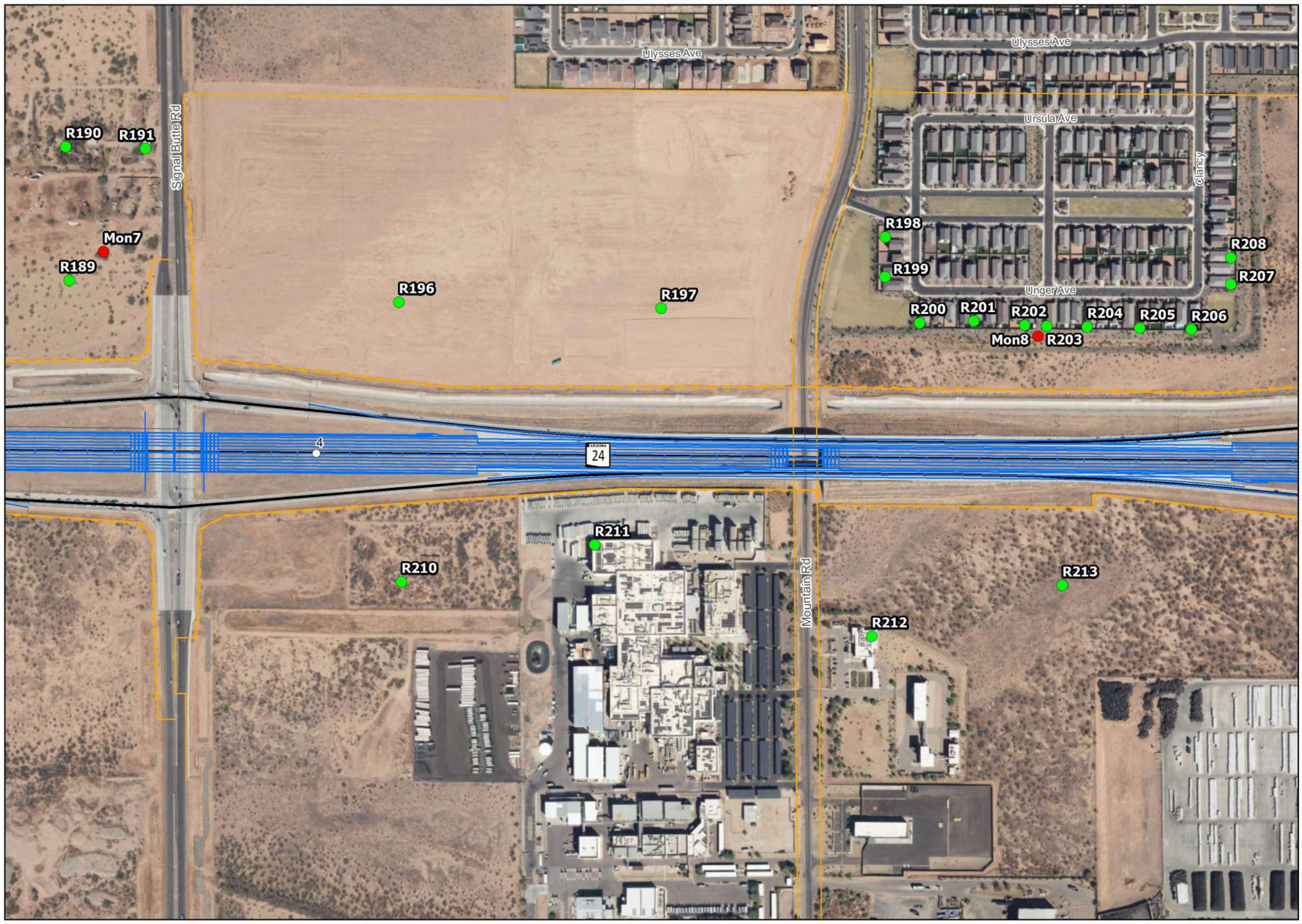
Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.



ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

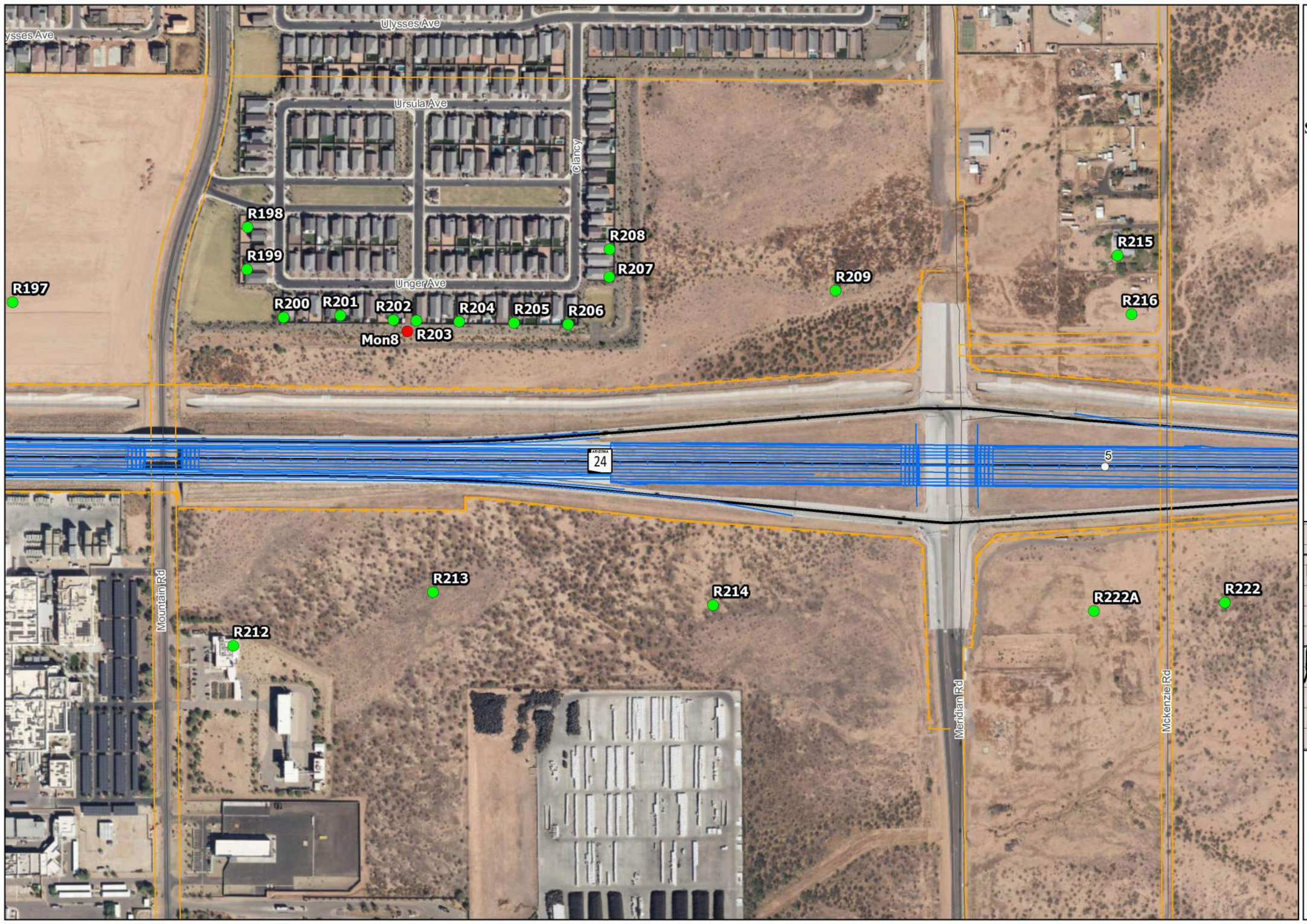
024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- Recommended Noise Barrier
- State Route
- Local Roads
- Project Design
- Right-of-Way

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.



ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
- Local Roads
- Project Design
- Right-of-Way

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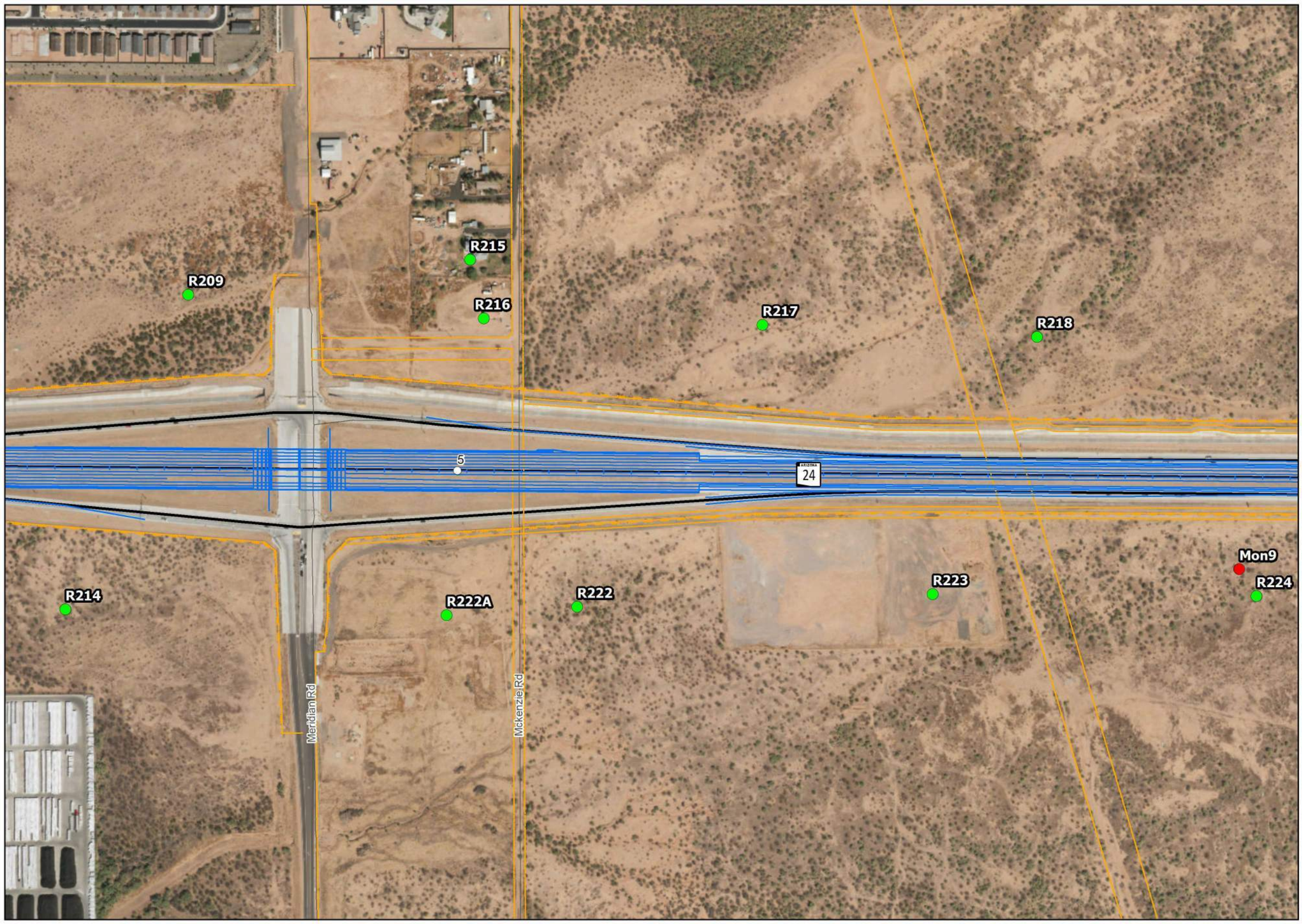
Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.



ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

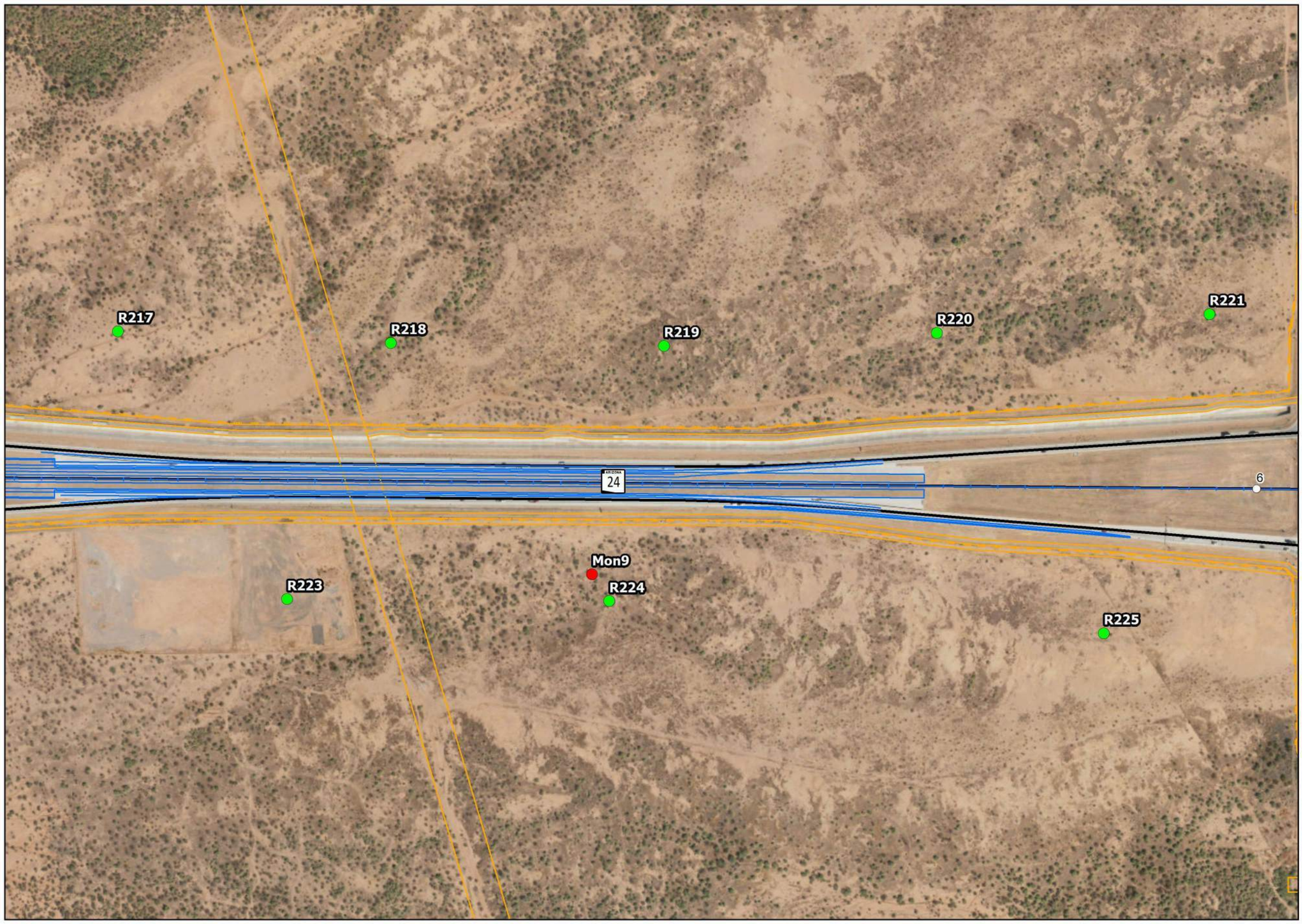
024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
- Local Roads
- Project Design
- Right-of-Way

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.



ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- State Route
- Local Roads
- Project Design
- Right-of-Way

Index Map

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

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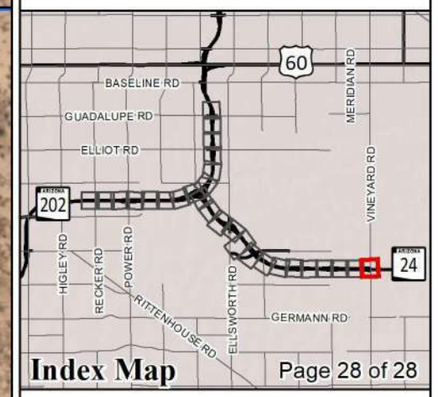
ARIZONA DEPARTMENT OF TRANSPORTATION

State Route 24
State Route 202L - Ironwood Drive

024 MA 000 F0719 01D/02D
024-A(201)T

- Noise Receiver
- Monitoring Location
- Mileposts
- State Route
- Local Roads
- Project Design
- Right-of-Way



Index Map Page 28 of 28

Feet
0 250 500

Sources:
ADOT ATIS (2013); AZTEC (2025); Maricopa County Imagery (2025).

Map Disclaimer: This map is intended for general siting purposes only.

APPENDIX B

Noise Level Monitoring Results

AZTEC Engineering Group, Inc.
501 N 44th Street, Suite 300
Phoenix, AZ 85008
P: 602.454.0402 | F: 602.454.0403
www.aztec.us

ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/12/2024

Site Number/Description: MON 1, (Lat/Long: 33.359069, -111.643122)

Residential community approximately 200 feet east of SR 202L

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

Temperature: 64°F **Relative Humidity:** 22 % **Wind & Direction:** 5 mph/SSE **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 65 (SR 202L)

Observed Speed (mph): 55-70

Sample	Time		Sound Level, dBA			Traffic Count (SR 202L)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	9:32 am	10 mins	58.1	61.5	66.2	EB – 1498 WB - 1778	EB – 32 WB - 31	EB – 27 WB - 69
2	9:42 am	10 mins	58.6	61.9	67.4			
3	9:52 am	10 mins	59.0	62.3	67.1			

Notes: None

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AZTEC Engineering Group, Inc.
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Phoenix, AZ 85008
P: 602.454.0402 | F: 602.454.0403

Figure 1. Looking west

Figure 2. Looking north

AZTEC Engineering Group, Inc.
501 N 44th Street, Suite 300
Phoenix, AZ 85008
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www.aztec.us

ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/12/2024

Site Number/Description: MON 2, (Lat/Long: 33.33599, -111.648758)
Vacant/abandoned parcel approximately 530 feet west of SR 202L

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

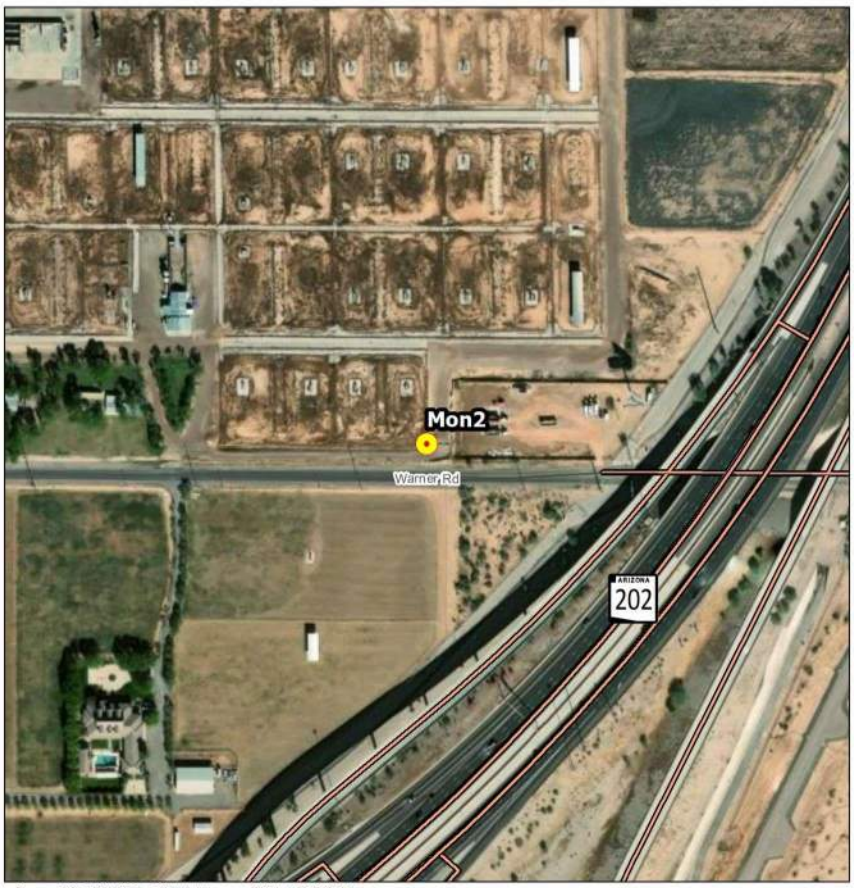
Temperature: 57 ºF **Relative Humidity:** 33 % **Wind & Direction:** 7 mph/ESE **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 65 (SR 202L)

Observed Speed (mph): 55-70



SR 24
SR 202L to Ironwood Drive

024 MA 000 F0719 01C

Monitoring Location
State Route
US Highway
Local Roads

Feet
0 350

Sample	Time		Sound Level, dBA			Traffic Count (SR 202L)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	8:46 am	10 mins	60.1	64.9	72.0	EB – 1,498 WB – 1,778	EB – 32 WB - 31	EB – 27 WB - 69
2	8:57 am	10 mins	59.9	64.8	75.0			
3	9:07 am	10 mins	59.0	63.3	69.6			

Notes: Lots of heavy traffic along Warner Road throughout all samples

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P: 602.454.0402 | F: 602.454.0403

Figure 1. Looking east

Figure 2. Looking south

AZTEC Engineering Group, Inc.
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Phoenix, AZ 85008
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www.aztec.us

ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/13/2024

Site Number/Description: MON 3, (Lat/Long: 33.312423, -111.628147)

Newly built residential development approximately 175 feet east of SR24

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

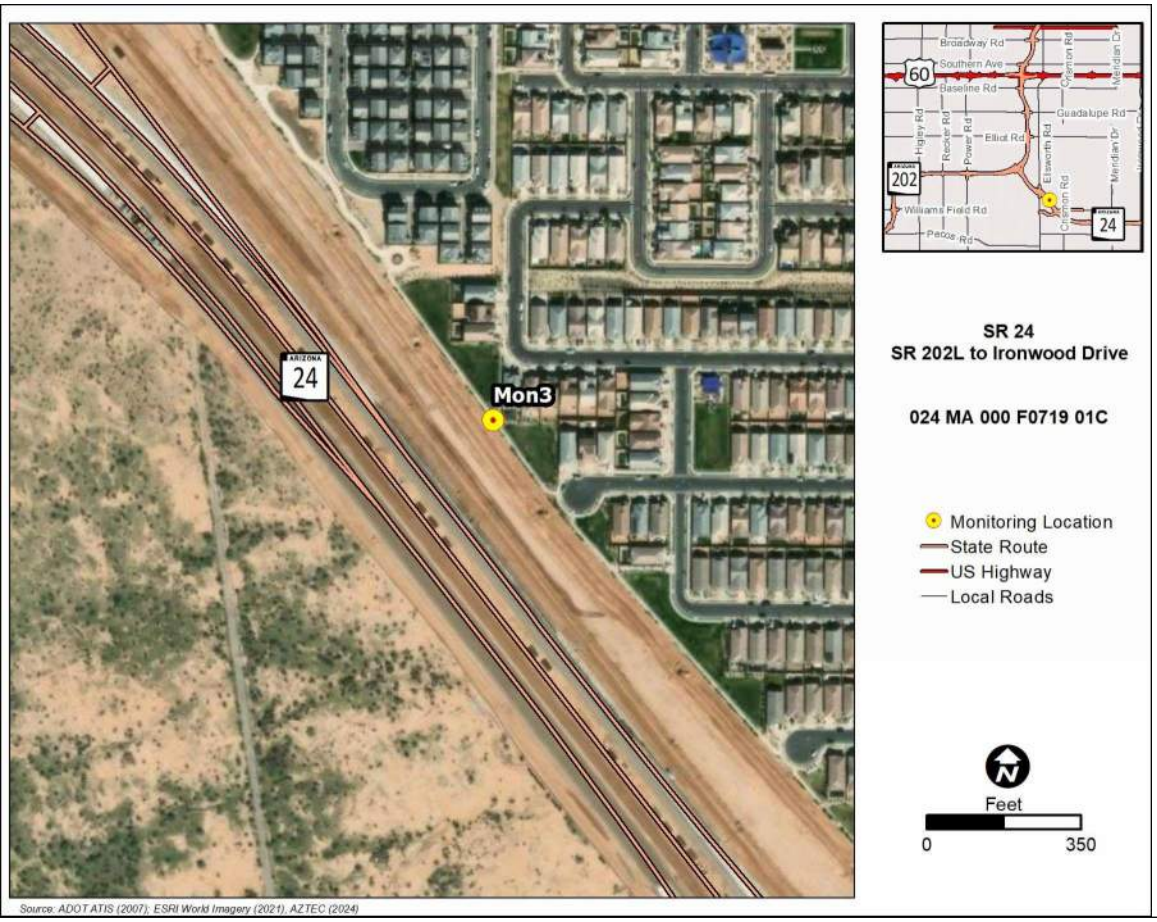
Temperature: 43 ºF **Relative Humidity:** 36 % **Wind & Direction:** 9 mph/SE **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 45 (SR 24)

Observed Speed (mph): 45-60



Sample	Time		Sound Level, dBA			Traffic Count (SR 24)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	6:50 am	10 mins	64.0	69.8	75.7	EB – 611 WB - 969	EB – 8 WB - 25	EB – 29 WB 27
2	7:01 am	10 mins	64.5	70.2	77.7			
3	7:11 am	10 mins	64.2	69.1	73.8			

Notes: None

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AZTEC Engineering Group, Inc.
501 N 44th Street, Suite 300
Phoenix, AZ 85008
P: 602.454.0402 | F: 602.454.0403

Figure 1. Looking west

Figure 2. Looking south

AZTEC Engineering Group, Inc.
501 N 44th Street, Suite 300
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ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/13/2024

Site Number/Description: MON 4, (Lat/Long: 33.305067, -111.620358)
Vacant parcel approximately 165 feet east of SR 24

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

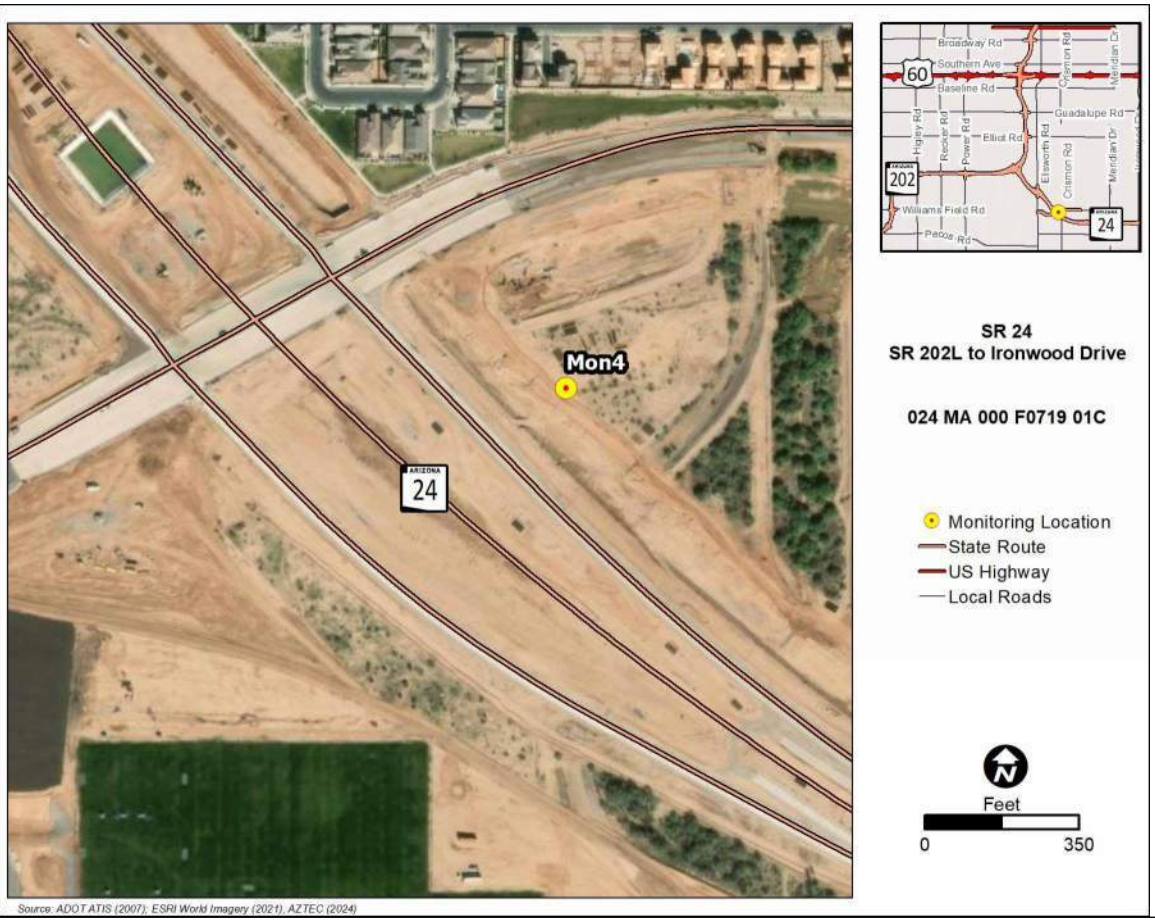
Temperature: 46 ºF **Relative Humidity:** 32 % **Wind & Direction:** 5 mph/E **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 45 (SR 24)

Observed Speed (mph): 45-60



Sample	Time		Sound Level, dBA			Traffic Count (SR 202L and Guadalupe)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	7:47 am	10 mins	55.8	61.5	70.5	EB – 611 WB - 969	EB – 8 WB - 25	EB – 29 WB - 17
2	7:57 am	10 mins	54.9	62.9	76.6			
3	8:08 am	10 mins	55.1	62.8	71.7			

Notes: None

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ROADWAY TRAFFIC
NOISE LEVEL MEASUREMENT DATA SHEET

Figure 1. Looking east

Figure 2. Looking south

AZTEC Engineering Group, Inc.
501 N 44th Street, Suite 300
Phoenix, AZ 85008
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www.aztec.us

ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/13/2024

Site Number/Description: MON 5, (Lat/Long: 33.299626, -111.621745)

Edge of Bell Bank Park recreational sports center, approximately 1,370 feet west of SR 24

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

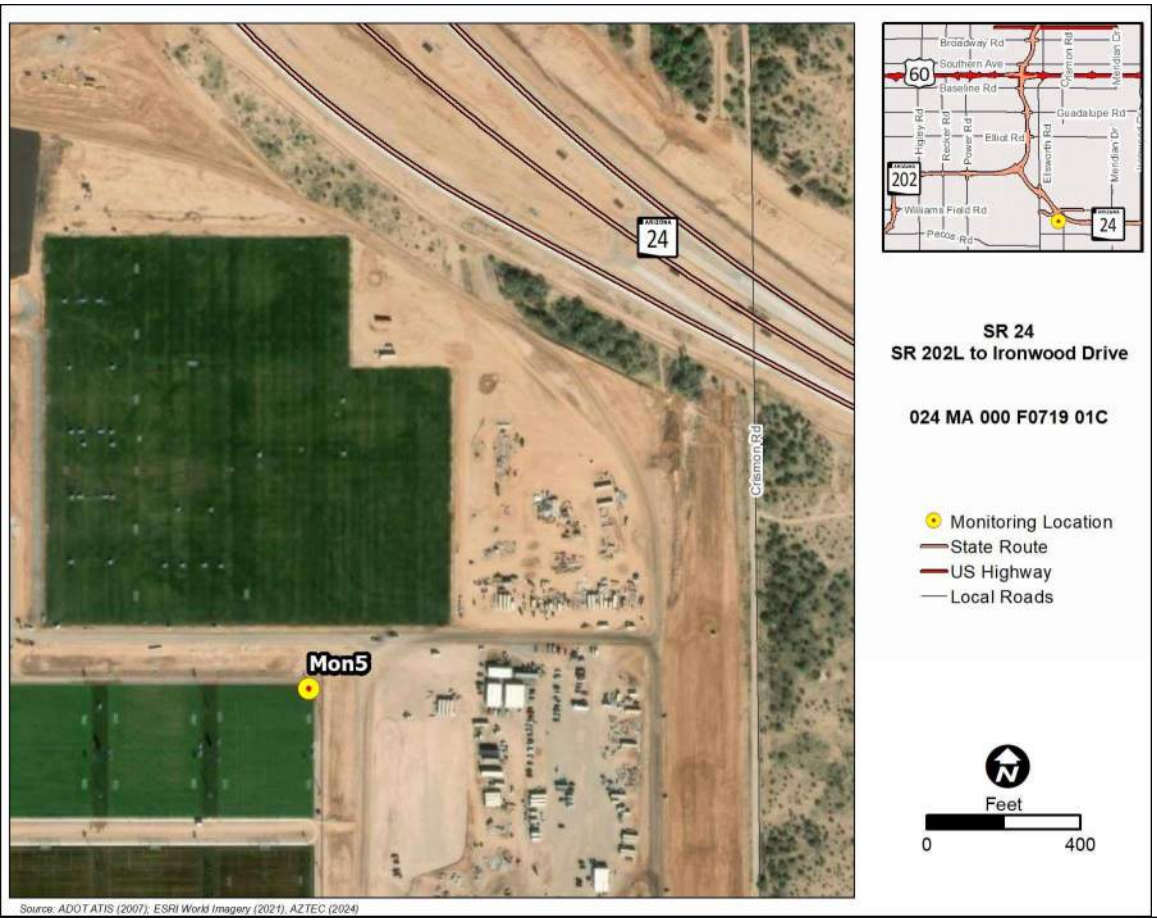
Temperature: 61 ºF **Relative Humidity:** 20 % **Wind & Direction:** 5 mph/VAR **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 45 (SR 24)

Observed Speed (mph): 45-60



Sample	Time		Sound Level, dBA			Traffic Count (SR 24)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	9:47 am	10 mins	44.1	55.9	65.4	EB – 611 WB - 969	EB – 8 WB - 25	EB – 29 WB - 27
2	9:57 am	10 mins	43.0	56.0	70.0			
3	10:08 am	10 mins	42.2	53.0	64.4			

Note: Planes circling overhead during all samples. During sample 1 @ 3 min 32 sec, 5 min 9 sec, and 7 min 33 sec. During sample 2 @ 9 min 52 sec and during sample 3 @ 1 min 16 sec and 7 min 7 sec,

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Figure 1. Looking west

Figure 2. Looking south

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ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/11/2024

Site Number/Description: MON 6, (Lat/Long: 33.300881, -111.611899)

Residential development currently under construction, approximately 250 feet north of SR 24

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

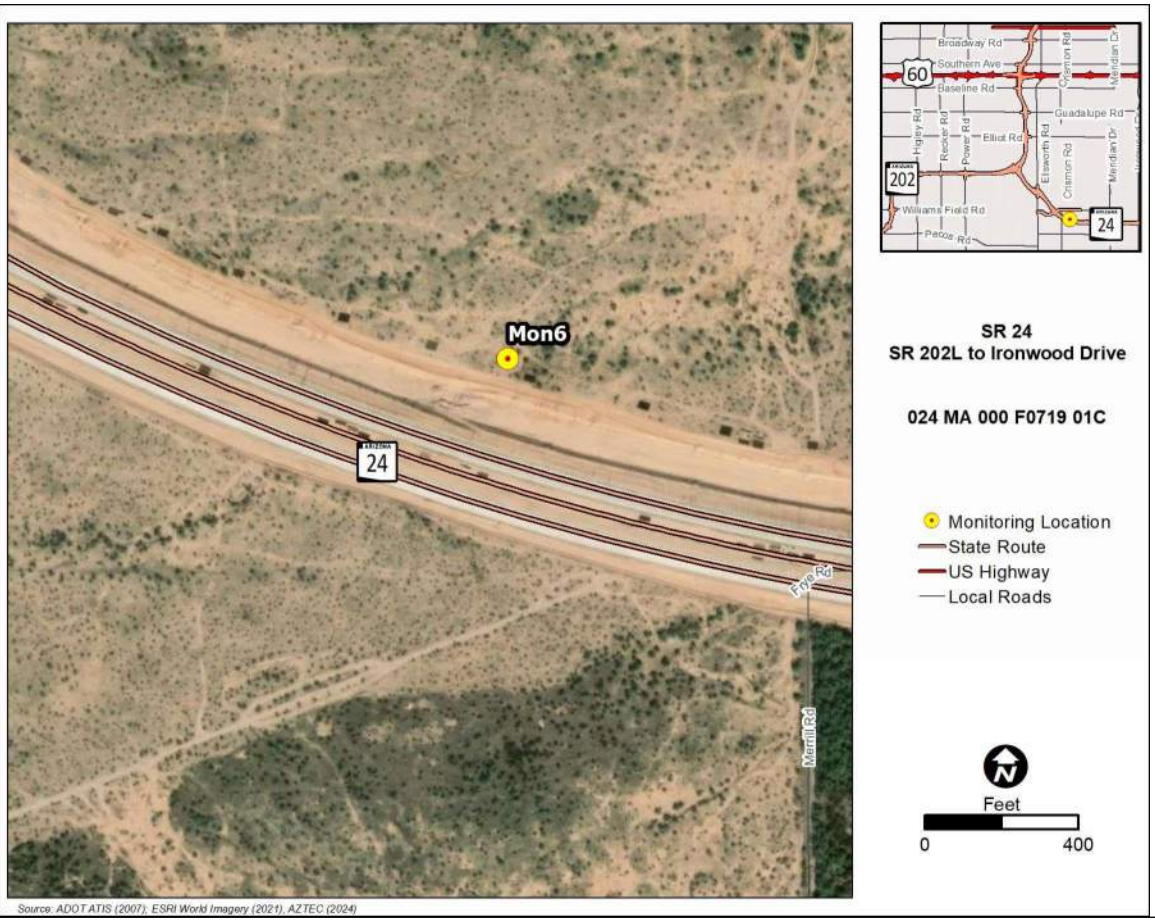
Temperature: 58 ºF **Relative Humidity:** 25 % **Wind & Direction:** 3 mph/E **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 45 (SR 24)

Observed Speed (mph): 45-60



Sample	Time		Sound Level, dBA			Traffic Count (SR 24)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	9:11 am	10 mins	56.3	65.2	71.2	EB – 440 WB - 764	EB – 5 WB - 12	EB – 30 WB - 32
2	9:22 am	10 mins	54.4	66.1	74.0			
3	9:33 am	10 mins	53.1	65.9	72.6			

Notes: None

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Figure 1. Looking west

Figure 2. Looking south

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ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/11/2024

Site Number/Description: MON 7, (Lat/Long: 33.301116, -111.601401)
Vacant parcel, approximately 540 feet north of SR 24

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

Temperature: 62 ºF **Relative Humidity:** 26 % **Wind & Direction:** 3 mph/ESE **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 45 (SR 24)

Observed Speed (mph): 45-60

SR 24
SR 202L to Ironwood Drive

024 MA 000 F0719 01C

Monitoring Location
State Route
US Highway
Local Roads

Feet
0 350

Sample	Time		Sound Level, dBA			Traffic Count (SR 24)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	10:03 am	10 mins	49.5	55.9	56.7	EB - 440 WB - 764	EB - 5 WB - 12	EB - 30 WB - 32
2	10:14 am	10 mins	50.1	56.8	65.4			
3	10:24 am	10 mins	49.9	56.3	64.1			

Notes: None

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Figure 1. Looking west

Figure 2. Looking south

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ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/11/2024

Site Number/Description: MON 8, (Lat/Long: 33.300201, -111.58974)

Residential development approximately 370 feet north of SR 24

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

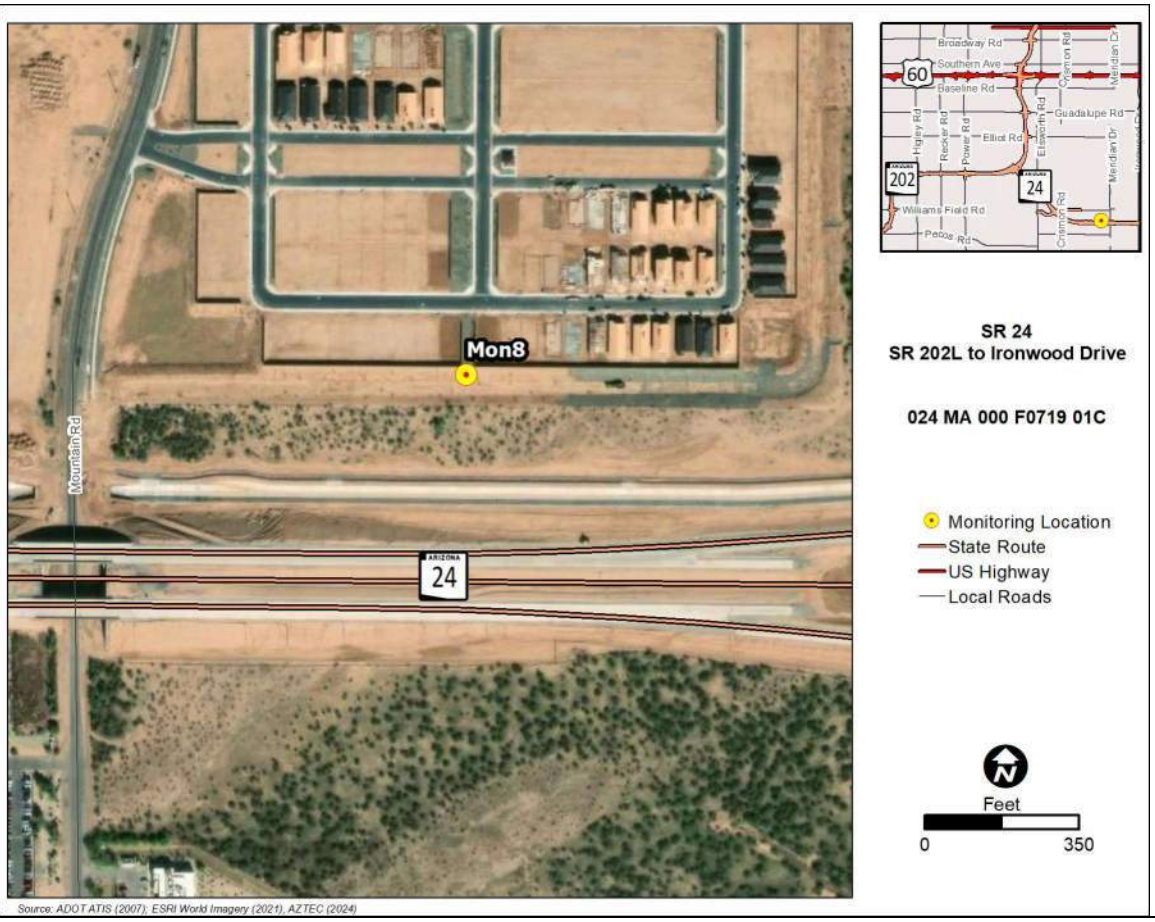
Temperature: 55 ºF **Relative Humidity:** 23 % **Wind & Direction:** 5 mph/E **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 45 (SR 24)

Observed Speed (mph): 45-60



Sample	Time		Sound Level, dBA			Traffic Count (SR 24)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	8:24 am	10 mins	51.6	62.3	71.5	EB – 284 WB - 798	EB – 9 WB - 1	EB – 6 WB - 13
2	8:35 am	10 mins	50.9	59.8	66.4			
3	8:45 am	10 mins	50.9	58.8	64.9			

Notes: None

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Figure 1. Looking north

Figure 2. Looking south

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ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/11/2024

Site Number/Description: MON 9, (Lat/Long: 33.297816, -111.572114)

Vacant lands approximately 230 feet south of SR 24

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

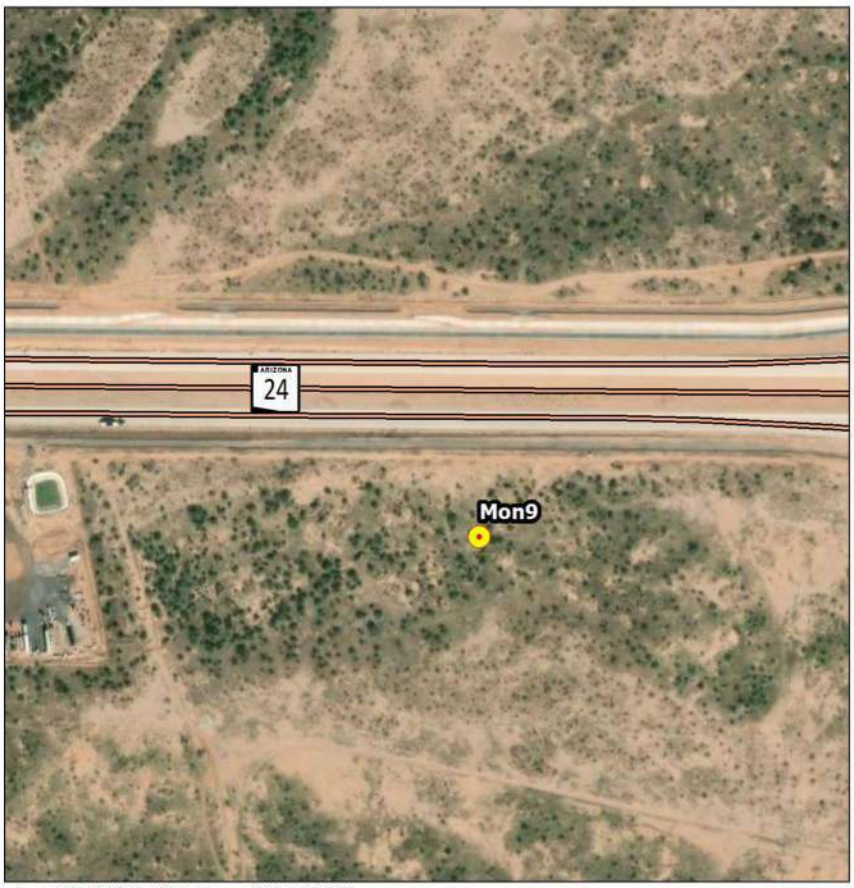
Temperature: 48 °F **Relative Humidity:** 34 % **Wind & Direction:** 0 mph **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 65 (SR 202L)

Observed Speed (mph): 55-70



SR 24
SR 202L to Ironwood Drive

024 MA 000 F0719 01C

Monitoring Location
State Route
US Highway
Local Roads

Feet
0
350

Sample	Time		Sound Level, dBA			Traffic Count (SR 24)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	7:10 am	10 mins	52.1	69.0	77.6	WB – 798 EB - 284	WB – 1 EB - 9	WB – 13 EB - 6
2	7:20 am	10 mins	52.7	67.7	74.9			
3	7:30 am	10 mins	53.1	67.5	76.6			

Notes: None

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ROADWAY TRAFFIC
NOISE LEVEL MEASUREMENT DATA SHEET

Figure 1. Looking west

Figure 2. Looking north

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ROADWAY TRAFFIC NOISE LEVEL MEASUREMENT DATA SHEET

Project Number/Name: SR 24: SR 202L to Ironwood Drive **Date:** 11/12/2024

Site Number/Description: MON 10, (Lat/Long: 33.328895, -111.697711)

Residential neighborhood approximately 130 feet north of SR 202

Prepared by/Crew: Scott Soliday, Homaira Parveen, David Shu

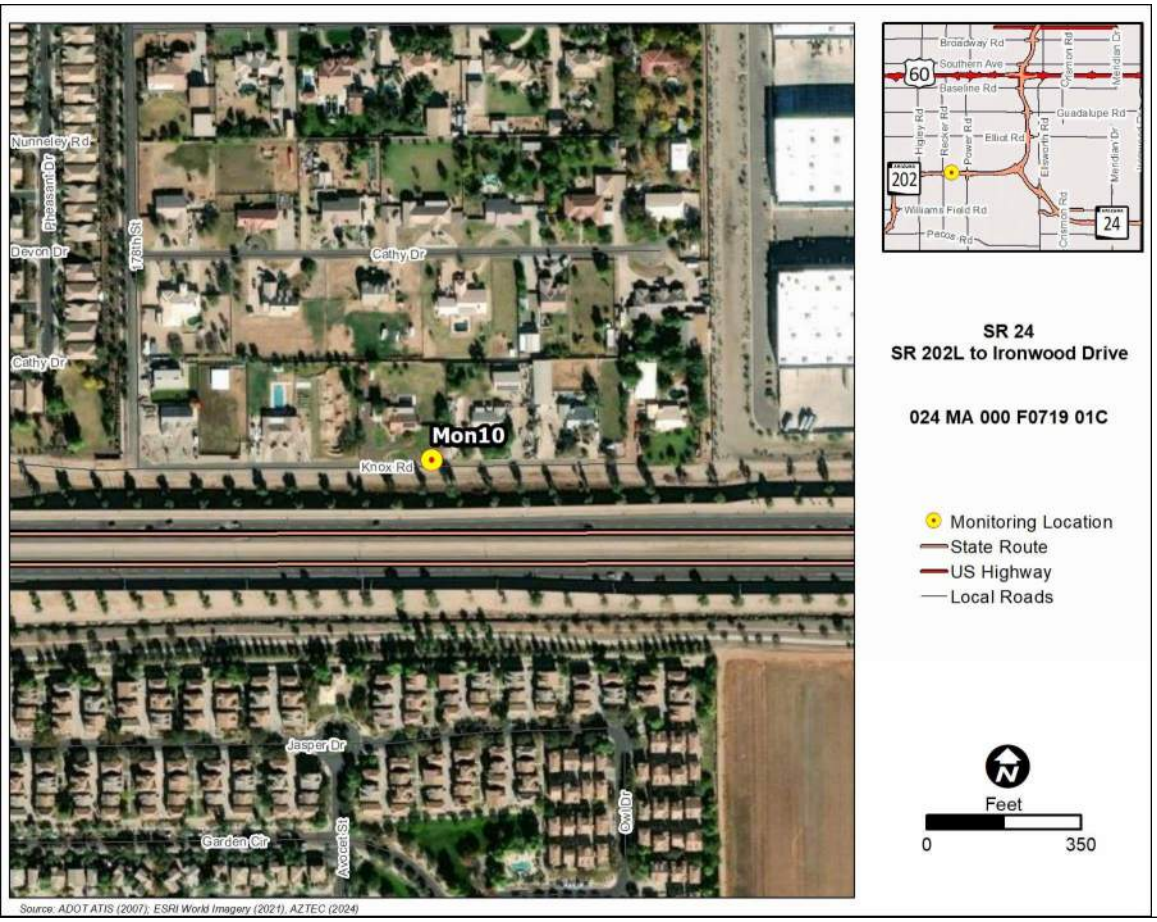
Temperature: 46 ºF **Relative Humidity:** 43 % **Wind & Direction:** 7 mph/SE **Sky:** Fair

SLM Make/Model: LDL 824 **Calibration Make/Model:** LDL CA 200 @ 114.26 dB

Calibration: ☒

Posted Speed Limit (mph): 65 (SR 202L)

Observed Speed (mph): 55-70



Sample	Time		Sound Level, dBA			Traffic Count (SR 202)		
	Start	Duration	L_{MIN}	L_{EQ}	L_{MAX}	Auto	Med. Trk.	Hvy. Trk.
1	6:45 am	10 mins	63.4	65.4	77.3	EB – 1,231 WB – 1,710	EB – 13 WB - 23	EB – 35 WB - 48
2	6:55 am	10 mins	63.0	65.2	68.7			
3	7:06 am	10 mins	63.5	65.5	68.7			

Notes: N/A

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Figure 1. Looking west

Figure 2. Looking south

Calibration Certificate

Certificate Number 2023011095
Customer:
Aztec Engineering

,

Model Number	LxT SE	***Procedure Number***	D0001.8378		
Serial Number	0006591	***Technician***	Jacob Cannon		
Test Results	**Pass**	***Calibration Date***	24 Aug 2023		
Initial Condition	AS RECEIVED same as shipped	***Calibration Due***	24 Aug 2025		
Description	Sound Expert LxT Class 1 Sound Level Meter Firmware Revision: 2.404	***Temperature***	23.67	°C	± 0.25 °C
		Humidity	53.7	%RH	± 2.0 %RH
		Static Pressure	86.44	kPa	± 0.13 kPa

Evaluation Method Tested electrically using Larson Davis PRMLxT1L S/N 070094 and a 12.0 pF capacitor to simulate microphone capacitance. Data reported in dB re 20 µPa assuming a microphone sensitivity of 23.6 mV/Pa.

Compliance Standards Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8384:

IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1
IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1
IEC 61252:2002	ANSI S1.25 (R2007)
IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2017. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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Correction data from Larson Davis LxT Manual for SoundTrack LxT & SoundExpert Lxt, I770.01 Rev O Supporting Firmware Version 4.0.5, 2019-09-10

Calibration Check Frequency: 1000 Hz; Reference Sound Pressure Level: 114 dB re 20 µPa

Periodic tests were performed in accordance with procedures from IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part3.

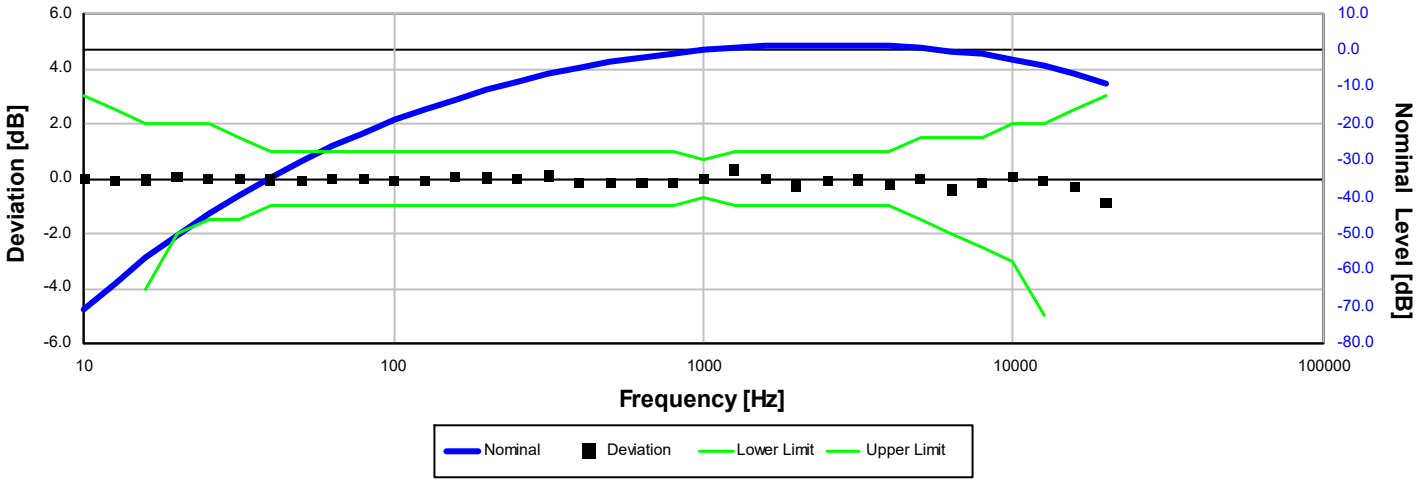
No Pattern approval for IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 available.

The sound level meter submitted for testing successfully completed the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3, for the environmental conditions under which the tests were performed. However, no general statement or conclusion can be made about conformance of the sound level meter to the full specifications of IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 because (a) evidence was not publicly available, from an independent testing organization responsible for pattern approvals, to demonstrate that the model of sound level meter fully conformed to the class 1 specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 or correction data for acoustical test of frequency weighting were not provided in the Instruction Manual and (b) because the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3 cover only a limited subset of the specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1.

Standards Used

Description	Cal Date	Cal Due	Cal Standard
Hart Scientific 2626-S Humidity/Temperature Sensor	2023-02-20	2024-08-20	006946
SRS DS360 Ultra Low Distortion Generator	2022-09-02	2023-09-02	007167

A-weight Filter Response

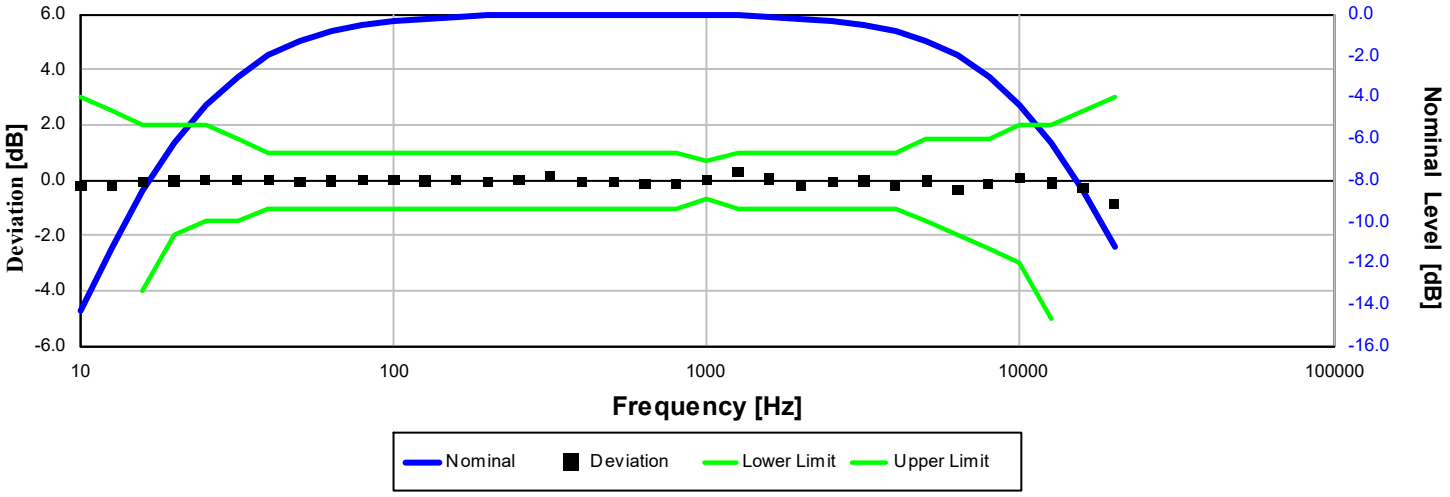


Electrical signal test of frequency weighting performed according to IEC 61672-3:2013 13 and ANSI S1.4-2014 Part 3: 13 for compliance to IEC 61672-1:2013 5.5; IEC 60651:2001 6.1 and 9.2.2; IEC 60804:2000 5; ANSI S1.4:1983 (R2006) 5.1 and 8.2.1; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Deviation [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
10.00	-70.38	0.02	-inf	3.00	0.25	Pass
12.59	-63.47	-0.07	-inf	2.50	0.25	Pass
15.85	-56.73	-0.03	-4.00	2.00	0.25	Pass
19.95	-50.44	0.06	-2.00	2.00	0.25	Pass
25.12	-44.70	0.00	-1.50	2.00	0.25	Pass
31.62	-39.41	-0.01	-1.50	1.50	0.25	Pass
39.81	-34.63	-0.03	-1.00	1.00	0.25	Pass
50.12	-30.29	-0.08	-1.00	1.00	0.25	Pass
63.10	-26.21	0.00	-1.00	1.00	0.25	Pass
79.43	-22.48	0.02	-1.00	1.00	0.25	Pass
100.00	-19.19	-0.09	-1.00	1.00	0.25	Pass
125.89	-16.16	-0.06	-1.00	1.00	0.25	Pass
158.49	-13.32	0.08	-1.00	1.00	0.25	Pass
199.53	-10.86	0.04	-1.00	1.00	0.25	Pass
251.19	-8.61	-0.01	-1.00	1.00	0.25	Pass
316.23	-6.49	0.11	-1.00	1.00	0.25	Pass
398.11	-4.92	-0.11	-1.00	1.00	0.25	Pass
501.19	-3.34	-0.14	-1.00	1.00	0.25	Pass
630.96	-2.06	-0.16	-1.00	1.00	0.25	Pass
794.33	-0.95	-0.15	-1.00	1.00	0.25	Pass
1,000.00	0.00	0.00	-0.70	0.70	0.25	Pass
1,258.93	0.94	0.34	-1.00	1.00	0.25	Pass
1,584.89	1.00	0.00	-1.00	1.00	0.25	Pass
1,995.26	0.95	-0.25	-1.00	1.00	0.25	Pass
2,511.89	1.21	-0.09	-1.00	1.00	0.25	Pass
3,162.28	1.17	-0.03	-1.00	1.00	0.25	Pass
3,981.07	0.78	-0.22	-1.00	1.00	0.25	Pass
5,011.87	0.51	0.01	-1.50	1.50	0.25	Pass
6,309.57	-0.49	-0.39	-2.00	1.50	0.25	Pass
7,943.28	-1.21	-0.11	-2.50	1.50	0.25	Pass
10,000.00	-2.42	0.08	-3.00	2.00	0.25	Pass
12,589.25	-4.38	-0.08	-5.00	2.00	0.25	Pass
15,848.93	-6.87	-0.27	-16.00	2.50	0.25	Pass
19,952.62	-10.15	-0.85	-inf	3.00	0.25	Pass

-- End of measurement results--

C-weight Filter Response

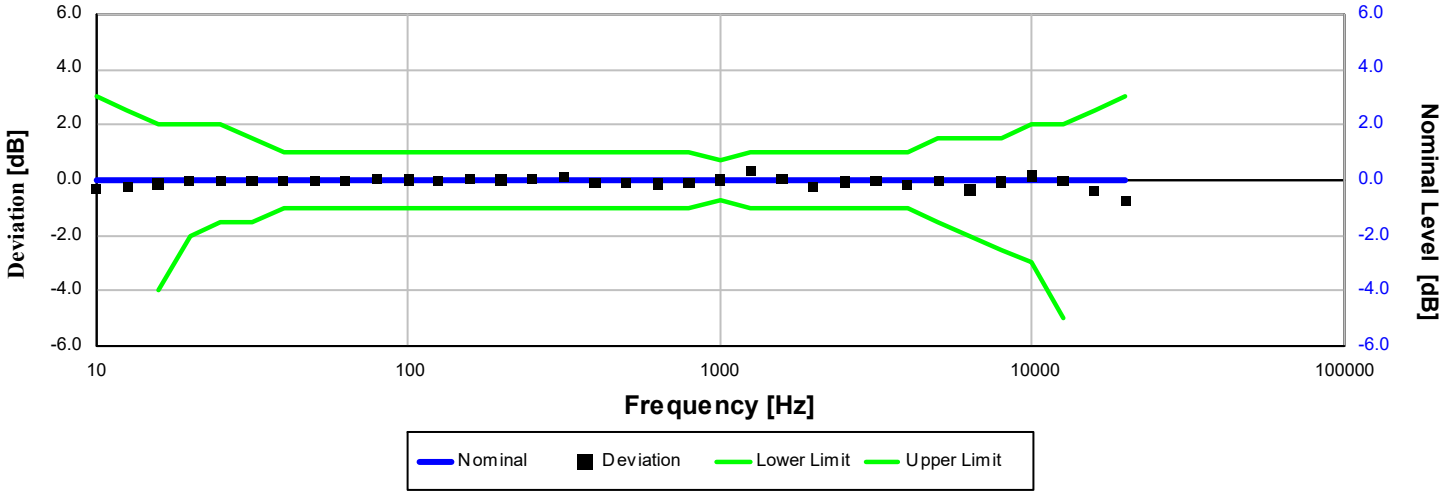


Electrical signal test of frequency weighting performed according to IEC 61672-3:2013 13 and ANSI S1.4-2014 Part 3: 13 for compliance to IEC 61672-1:2013 5.5; IEC 60651:2001 6.1 and 9.2.2; IEC 60804:2000 5; ANSI S1.4:1983 (R2006) 5.1 and 8.2.1; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Deviation [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
10.00	-14.52	-0.22	-inf	3.00	0.25	Pass
12.59	-11.41	-0.21	-inf	2.50	0.25	Pass
15.85	-8.58	-0.08	-4.00	2.00	0.25	Pass
19.95	-6.23	-0.03	-2.00	2.00	0.25	Pass
25.12	-4.41	-0.01	-1.50	2.00	0.25	Pass
31.62	-2.99	0.01	-1.50	1.50	0.25	Pass
39.81	-2.00	0.00	-1.00	1.00	0.25	Pass
50.12	-1.36	-0.06	-1.00	1.00	0.25	Pass
63.10	-0.83	-0.03	-1.00	1.00	0.25	Pass
79.43	-0.48	0.02	-1.00	1.00	0.25	Pass
100.00	-0.30	0.00	-1.00	1.00	0.25	Pass
125.89	-0.23	-0.03	-1.00	1.00	0.25	Pass
158.49	-0.06	0.04	-1.00	1.00	0.25	Pass
199.53	-0.04	-0.04	-1.00	1.00	0.25	Pass
251.19	0.01	0.01	-1.00	1.00	0.25	Pass
316.23	0.14	0.14	-1.00	1.00	0.25	Pass
398.11	-0.08	-0.08	-1.00	1.00	0.25	Pass
501.19	-0.08	-0.08	-1.00	1.00	0.25	Pass
630.96	-0.13	-0.13	-1.00	1.00	0.25	Pass
794.33	-0.11	-0.11	-1.00	1.00	0.25	Pass
1,000.00	0.00	0.00	-0.70	0.70	0.25	Pass
1,258.93	0.31	0.31	-1.00	1.00	0.25	Pass
1,584.89	-0.06	0.04	-1.00	1.00	0.25	Pass
1,995.26	-0.42	-0.22	-1.00	1.00	0.25	Pass
2,511.89	-0.36	-0.06	-1.00	1.00	0.25	Pass
3,162.28	-0.53	-0.03	-1.00	1.00	0.25	Pass
3,981.07	-1.00	-0.20	-1.00	1.00	0.25	Pass
5,011.87	-1.33	-0.03	-1.50	1.50	0.25	Pass
6,309.57	-2.37	-0.37	-2.00	1.50	0.25	Pass
7,943.28	-3.11	-0.11	-2.50	1.50	0.25	Pass
10,000.00	-4.33	0.07	-3.00	2.00	0.25	Pass
12,589.25	-6.30	-0.10	-5.00	2.00	0.25	Pass
15,848.93	-8.79	-0.29	-16.00	2.50	0.25	Pass
19,952.62	-12.08	-0.88	-inf	3.00	0.25	Pass

-- End of measurement results--

Z-weight Filter Response



Electrical signal test of frequency weighting performed according to IEC 61672-3:2013 13 and ANSI S1.4-2014 Part 3: 13 for compliance to IEC 61672-1:2013 5.5; IEC 60651:2001 6.1 and 9.2.2; IEC 60804:2000 5; ANSI S1.4:1983 (R2006) 5.1 and 8.2.1; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Deviation [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
10.00	-0.31	-0.31	-inf	3.00	0.25	Pass
12.59	-0.26	-0.26	-inf	2.50	0.25	Pass
15.85	-0.15	-0.15	-4.00	2.00	0.25	Pass
19.95	-0.06	-0.06	-2.00	2.00	0.25	Pass
25.12	-0.06	-0.06	-1.50	2.00	0.25	Pass
31.62	-0.03	-0.03	-1.50	1.50	0.25	Pass
39.81	-0.03	-0.03	-1.00	1.00	0.25	Pass
50.12	-0.06	-0.06	-1.00	1.00	0.25	Pass
63.10	-0.03	-0.03	-1.00	1.00	0.25	Pass
79.43	0.01	0.01	-1.00	1.00	0.25	Pass
100.00	0.00	0.00	-1.00	1.00	0.25	Pass
125.89	-0.06	-0.06	-1.00	1.00	0.25	Pass
158.49	0.03	0.03	-1.00	1.00	0.25	Pass
199.53	0.00	0.00	-1.00	1.00	0.25	Pass
251.19	0.03	0.03	-1.00	1.00	0.25	Pass
316.23	0.12	0.12	-1.00	1.00	0.25	Pass
398.11	-0.11	-0.11	-1.00	1.00	0.25	Pass
501.19	-0.11	-0.11	-1.00	1.00	0.25	Pass
630.96	-0.16	-0.16	-1.00	1.00	0.25	Pass
794.33	-0.13	-0.13	-1.00	1.00	0.25	Pass
1,000.00	0.00	0.00	-0.70	0.70	0.25	Pass
1,258.93	0.34	0.34	-1.00	1.00	0.25	Pass
1,584.89	0.02	0.02	-1.00	1.00	0.25	Pass
1,995.26	-0.26	-0.26	-1.00	1.00	0.25	Pass
2,511.89	-0.07	-0.07	-1.00	1.00	0.25	Pass
3,162.28	-0.05	-0.05	-1.00	1.00	0.25	Pass
3,981.07	-0.20	-0.20	-1.00	1.00	0.25	Pass
5,011.87	-0.05	-0.05	-1.50	1.50	0.25	Pass
6,309.57	-0.37	-0.37	-2.00	1.50	0.25	Pass
7,943.28	-0.07	-0.07	-2.50	1.50	0.25	Pass
10,000.00	0.13	0.13	-3.00	2.00	0.25	Pass
12,589.25	-0.05	-0.05	-5.00	2.00	0.25	Pass
15,848.93	-0.40	-0.40	-16.00	2.50	0.25	Pass
19,952.62	-0.74	-0.74	-inf	3.00	0.25	Pass

-- End of measurement results--

High Level Stability

Electrical signal test of high level stability performed according to IEC 61672-3:2013 21 and ANSI S1.4-2014 Part 3: 21 for compliance to IEC 61672-1:2013 5.15 and ANSI S1.4-2014 Part 1: 5.15

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
High Level Stability	0.00	-0.10	0.10	0.01 ‡	Pass

-- End of measurement results--

Long-Term Stability

Electrical signal test of long term stability performed according to IEC 61672-3:2013 15 and ANSI S1.4-2014 Part 3: 15 for compliance to ISC 61672-1:2013 5.14 and ANSI S1.4-2014 Part 1: 5.14

Test Duration [min]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
32	0.00	-0.10	0.10	0.07 ‡	Pass

-- End of measurement results--

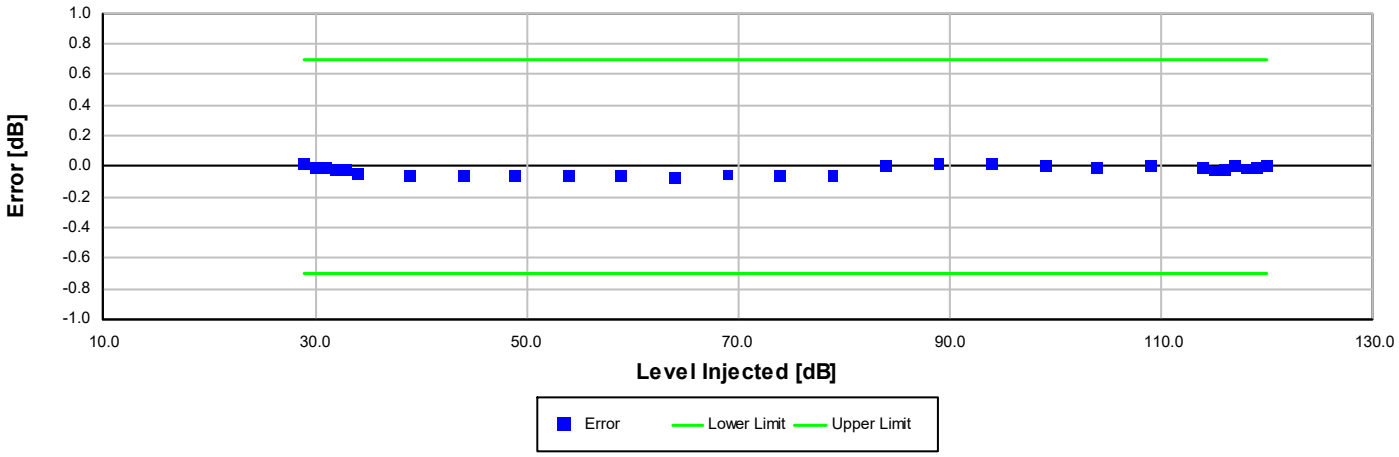
1 kHz Reference Levels

Frequency weightings and time weightings at 1 kHz (reference is A weighted Fast) performed according to IEC 61672-3:2013 14 and ANSI S1.4-2014 Part 3: 14 for compliance to IEC 61672-1:2013 5.5.9 and 5.8.3 and ANSI S1.4-2014 Part 1: 5.5.9 and 5.8.3

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
C weight	95.84	95.64	96.04	0.15	Pass
Z weight	95.83	95.64	96.04	0.15	Pass
Slow	95.84	95.74	95.94	0.15	Pass
Impulse	95.84	95.74	95.94	0.15	Pass

-- End of measurement results--

A-weighted Broadband Log Linearity: 8,000.00 Hz



Broadband level linearity performed according to IEC 61672-3:2013 16 and ANSI S1.4-2014 Part 3: 16 for compliance to IEC 61672-1:2013 5.6, IEC 60804:2000 6.2, IEC 61252:2002 8, ANSI S1.4 (R2006) 6.9, ANSI S1.4-2014 Part 1: 5.6, ANSI S1.43 (R2007) 6.2

Level [dB]	Error [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
29.00	0.01	-0.70	0.70	0.16	Pass
30.00	0.00	-0.70	0.70	0.35	Pass
31.00	-0.01	-0.70	0.70	0.16	Pass
32.00	-0.02	-0.70	0.70	0.16	Pass
33.00	-0.02	-0.70	0.70	0.16	Pass
34.00	-0.05	-0.70	0.70	0.16	Pass
39.00	-0.06	-0.70	0.70	0.16	Pass
44.00	-0.06	-0.70	0.70	0.16	Pass
49.00	-0.06	-0.70	0.70	0.16	Pass
54.00	-0.06	-0.70	0.70	0.16	Pass
59.00	-0.06	-0.70	0.70	0.16	Pass
64.00	-0.07	-0.70	0.70	0.16	Pass
69.00	-0.05	-0.70	0.70	0.16	Pass
74.00	-0.06	-0.70	0.70	0.16	Pass
79.00	-0.06	-0.70	0.70	0.16	Pass
84.00	0.01	-0.70	0.70	0.16	Pass
89.00	0.01	-0.70	0.70	0.16	Pass
94.00	0.01	-0.70	0.70	0.16	Pass
99.00	0.01	-0.70	0.70	0.16	Pass
104.00	-0.01	-0.70	0.70	0.15	Pass
109.00	0.00	-0.70	0.70	0.15	Pass
114.00	0.00	-0.70	0.70	0.15	Pass
115.00	-0.03	-0.70	0.70	0.15	Pass
116.00	-0.03	-0.70	0.70	0.15	Pass
117.00	0.00	-0.70	0.70	0.15	Pass
118.00	-0.01	-0.70	0.70	0.15	Pass
119.00	-0.01	-0.70	0.70	0.15	Pass
120.00	0.01	-0.70	0.70	0.15	Pass

-- End of measurement results--

Slow Detector

Toneburst response performed according to IEC 61672-3:2013 18 and ANSI S1.4-2014 Part 3: 18 for compliance to IEC 61672-1:2013 5.9, IEC 60651:2001 9.4.2, ANSI S1.4:1983 (R2006) 8.4.2 and ANSI S1.4-2014 Part 1: 5.9

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
113.15	200	-7.55	-7.92	-6.92	0.15	Pass
	2	-27.18	-29.99	-25.99	0.15	Pass

-- End of measurement results--

Fast Detector

Toneburst response performed according to IEC 61672-3:2013 18 and ANSI S1.4-2014 Part 3: 18 for compliance to IEC 61672-1:2013 5.9, IEC 60651:2001 9.4.2, ANSI S1.4:1983 (R2006) 8.4.2 and ANSI S1.4-2014 Part 1: 5.9

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
113.15	200.00	-1.09	-1.48	-0.48	0.26	Pass
	2.00	-18.14	-19.49	-16.99	0.15	Pass
	0.25	-27.31	-29.99	-25.99	0.15	Pass

-- End of measurement results--

Sound Exposure Level

Toneburst response performed according to IEC 61672-3:2013 18 and ANSI S1.4-2014 Part 3: 18 for compliance to IEC 61672-1:2013 5.9, IEC 60651:2001 9.4.2, ANSI S1.4:1983 (R2006) 8.4.2 and ANSI S1.4-2014 Part 1: 5.9

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
113.15	200.00	-7.02	-7.49	-6.49	0.15	Pass
	2.00	-27.04	-28.49	-25.99	0.15	Pass
	0.25	-36.15	-39.02	-35.02	0.15	Pass

-- End of measurement results--

Peak C-weight

C-weighted peak sound level performed according to IEC 61672-3:2013 19 and ANSI S1.4-2014 Part 3: 19 for compliance to IEC 61672-1:2013 5.13 and ANSI S1.4-2014 Part 1: 5.13

Level [dB]	Frequency [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
111.15	31.50	114.39	111.65	115.65	0.15	Pass
111.15	500.00	114.72	113.65	115.65	0.15	Pass
111.15	8,000.00	113.92	112.55	116.55	0.15	Pass
111.15, Negative	500.00	113.33	112.55	114.55	0.15	Pass
111.15, Positive	500.00	113.29	112.55	114.55	0.15	Pass

-- End of measurement results--

Peak Z-weight

Z-weighted peak sound level performed according to IEC 60651:2001 9.4.4 and ANSI S1.4:1983 (R2006) 8.4.4

Amplitude [dB]	Duration[µs]		Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
112.15	100	Negative Pulse	114.36	112.01	116.01	0.15	Pass
	100	Positive Pulse	114.32	112.00	116.00	0.15	Pass
102.15	100	Negative Pulse	104.34	102.00	106.00	0.15	Pass
	100	Positive Pulse	104.28	102.01	106.01	0.15	Pass
92.15	100	Negative Pulse	94.35	92.02	96.02	0.15	Pass
	100	Positive Pulse	94.16	92.00	96.00	0.15	Pass
82.15	100	Negative Pulse	84.19	82.00	86.00	0.15	Pass
	100	Positive Pulse	84.29	81.98	85.98	0.15	Pass

-- End of measurement results--

Overload Detector

Overload indication performed according to IEC 61672-3:2013 20 and ANSI S1.4-2014 Part 3: 20 for compliance to IEC 61672-1:2013 5.11, IEC 60804:2000 9.3.5, IEC 61252:2002 11, ANSI S1.4 (R2006) 5.8, and ANSI S1.4-2014 Part 1: 5.11, ANSI S1.25 (R2007) 7.6, ANSI S1.43 (R2007) 7

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
Positive	120.70	119.85	121.85	0.15	Pass
Negative	120.60	119.85	121.85	0.15	Pass
Difference	0.10	-1.50	1.50	0.15	Pass

-- End of measurement results--

Peak Rise Time

Peak rise time performed according to IEC 60651:2001 9.4.4 and ANSI S1.4:1983 (R2006) 8.4.4

Amplitude [dB]	Duration [µs]		Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
116.15	40	Negative Pulse	117.52	116.04	118.04	0.15	Pass
		Positive Pulse	117.47	115.99	117.99	0.15	Pass
	30	Negative Pulse	116.55	116.04	118.04	0.15	Pass
		Positive Pulse	116.29	115.99	117.99	0.15	Pass

-- End of measurement results--

Positive Pulse Crest Factor

200 µs pulse tests at 2.0, 12.0, 22.0, 32.0 dB below Overload Limit

Crest Factor measured according to IEC 60651:2001 9.4.2 and ANSI S1.4:1983 (R2006) 8.4.2

Amplitude [dB]	Crest Factor	Test Result [dB]	Limits [dB]	Expanded Uncertainty [dB]	Result
114.15	3	OVLD	± 0.50	0.15 ‡	Pass
	5	OVLD	± 1.00	0.15 ‡	Pass
	10	OVLD	± 1.50	0.15 ‡	Pass
104.15	3	-0.15	± 0.50	0.15 ‡	Pass
	5	-0.15	± 1.00	0.16 ‡	Pass
	10	OVLD	± 1.50	0.15 ‡	Pass
94.15	3	-0.14	± 0.50	0.15 ‡	Pass
	5	-0.14	± 1.00	0.15 ‡	Pass
	10	-0.15	± 1.50	0.15 ‡	Pass
84.15	3	-0.14	± 0.50	0.15 ‡	Pass
	5	-0.14	± 1.00	0.15 ‡	Pass
	10	-0.08	± 1.50	0.15 ‡	Pass

-- End of measurement results--

Negative Pulse Crest Factor

200 µs pulse tests at 2.0, 12.0, 22.0, 32.0 dB below Overload Limit

Crest Factor measured according to IEC 60651:2001 9.4.2 and ANSI S1.4:1983 (R2006) 8.4.2

Amplitude [dB]	Crest Factor	Test Result [dB]	Limits [dB]	Expanded Uncertainty [dB]	Result
114.15	3	OVLD	± 0.50	0.15 ‡	Pass
	5	OVLD	± 1.00	0.15 ‡	Pass
	10	OVLD	± 1.50	0.15 ‡	Pass
104.15	3	-0.15	± 0.50	0.15 ‡	Pass
	5	-0.11	± 1.00	0.15 ‡	Pass
	10	OVLD	± 1.50	0.15 ‡	Pass
94.15	3	-0.15	± 0.50	0.15 ‡	Pass
	5	-0.13	± 1.00	0.15 ‡	Pass
	10	-0.07	± 1.50	0.15 ‡	Pass
84.15	3	-0.12	± 0.50	0.15 ‡	Pass
	5	-0.14	± 1.00	0.15 ‡	Pass
	10	-0.09	± 1.50	0.15 ‡	Pass

-- End of measurement results--

Tone Burst

2kHz tone burst tests at 2.0, 12.0, 22.0, 32.0 dB below Overload Limit

Tone burst response measured according to IEC 60651:2001 9.4.2 and ANSI S1.4:1983 (R2006) 8.4.2

Amplitude [dB]	Crest Factor	Test Result [dB]	Limits [dB]	Expanded Uncertainty [dB]	Result
114.15	3	OVLD	± 0.50	0.15	Pass
	5	OVLD	± 1.00	0.15	Pass
104.15	3	-0.07	± 0.50	0.15	Pass
	5	-0.07	± 1.00	0.15	Pass
94.15	3	-0.08	± 0.50	0.15	Pass
	5	-0.05	± 1.00	0.15	Pass
84.15	3	-0.08	± 0.50	0.15	Pass
	5	0.00	± 1.00	0.15	Pass

-- End of measurement results--

Impulse Detector - Repeat

Impulse Detector measured according to IEC 60651:2001 9.4.3 and ANSI S1.4:1983 (R2006) 8.4.3

Amplitude [dB]	Repitition Rate [Hz]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
116.15	100.00	-2.87	-3.71	-1.71	0.15	Pass
	20.00	-7.67	-9.57	-5.57	0.20	Pass
	2.00	-8.88	-10.76	-6.76	0.15	Pass
Step	2.00	4.96	4.00	6.00	0.15	Pass

-- End of measurement results--

Impulse Detector - Single

Impulse Detector measured according to IEC 60651:2001 9.4.3 and ANSI S1.4:1983 (R2006) 8.4.3

Amplitude [dB]	Duration [ms]	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
116.15	20.00	-3.62	-5.11	-2.11	0.15	Pass
	5.00	-8.98	-10.76	-6.76	0.16	Pass
	2.00	-12.76	-14.55	-10.55	0.16	Pass
Step	2.00	10.01	9.00	11.00	0.16	Pass

-- End of measurement results--

Gain

Gain measured according to IEC 61672-3:2013 17.3 and 17.4 and ANSI S1.4-2014 Part 3: 17.3 and 17.4

Measurement	Test Result [dB]	Lower limit [dB]	Upper limit [dB]	Expanded Uncertainty [dB]	Result
0 dB Gain	84.02	83.90	84.10	0.15	Pass
0 dB Gain, Linearity	21.13	20.30	21.70	0.16	Pass
OBA Low Range	84.00	83.90	84.10	0.15	Pass
OBA Normal Range	84.00	83.20	84.80	0.15	Pass

-- End of measurement results--

Broadband Noise Floor

Self-generated noise measured according to IEC 61672-3:2013 11.2 and ANSI S1.4-2014 Part 3: 11.2

Measurement	Test Result [dB]	Upper limit [dB]	Result
A-weight Noise Floor	6.89	16.00	Pass
C-weight Noise Floor	11.55	18.00	Pass
Z-weight Noise Floor	19.90	25.00	Pass

-- End of measurement results--

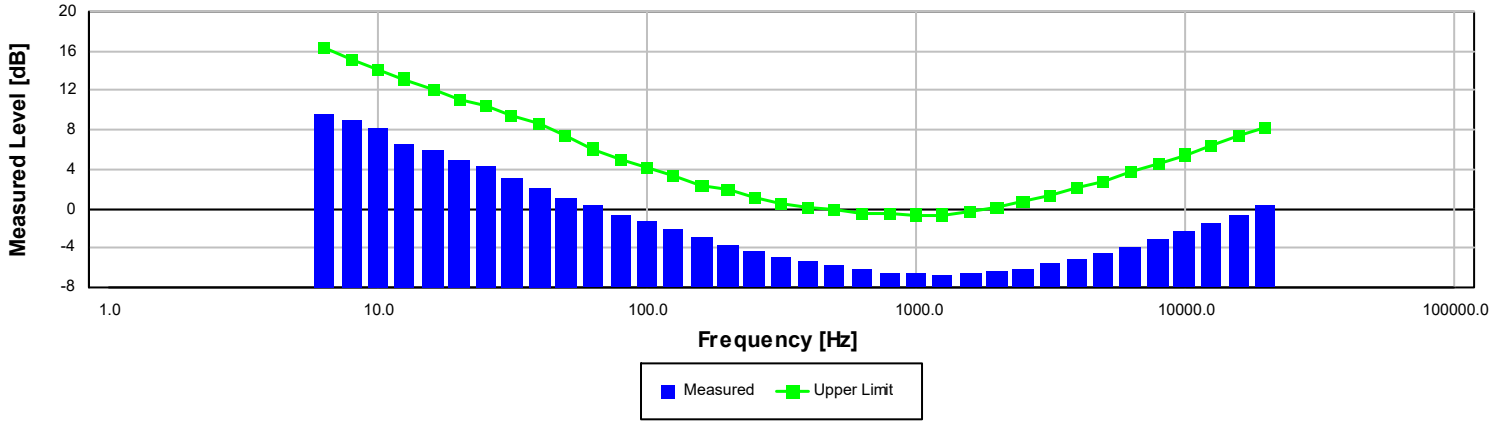
Total Harmonic Distortion

Measured using 1/3-Octave filters

Measurement	Test Result [dB]	Lower Limit [dB]	Upper Limit [dB]	Expanded Uncertainty [dB]	Result
10 Hz Signal	113.16	112.35	113.95	0.15	Pass
THD	-56.82		-50.00	0.01 ‡	Pass
THD+N	-55.23		-50.00	0.01 ‡	Pass

-- End of measurement results--

1/3-Octave Self-Generated Noise



The SLM is set to low range.

Frequency [Hz]	Test Result [dB]	Upper limit [dB]	Result
6.30	9.74	16.30	Pass
8.00	9.00	15.20	Pass
10.00	8.23	14.20	Pass
12.50	6.71	13.20	Pass
16.00	5.97	12.10	Pass
20.00	4.94	11.10	Pass
25.00	4.43	10.40	Pass
31.50	3.27	9.40	Pass
40.00	2.17	8.60	Pass
50.00	1.10	7.40	Pass
63.00	0.37	6.10	Pass
80.00	-0.69	5.00	Pass
100.00	-1.27	4.20	Pass
125.00	-2.14	3.30	Pass
160.00	-2.97	2.40	Pass
200.00	-3.66	1.90	Pass
250.00	-4.26	1.20	Pass
315.00	-4.91	0.60	Pass
400.00	-5.29	0.20	Pass
500.00	-5.82	-0.10	Pass
630.00	-6.10	-0.50	Pass
800.00	-6.55	-0.50	Pass
1,000.00	-6.62	-0.60	Pass
1,250.00	-6.73	-0.60	Pass
1,600.00	-6.62	-0.20	Pass
2,000.00	-6.45	0.20	Pass
2,500.00	-6.10	0.70	Pass
3,150.00	-5.60	1.40	Pass
4,000.00	-5.10	2.10	Pass
5,000.00	-4.54	2.80	Pass
6,300.00	-3.90	3.70	Pass
8,000.00	-3.16	4.60	Pass
10,000.00	-2.34	5.50	Pass
12,500.00	-1.51	6.40	Pass
16,000.00	-0.64	7.40	Pass
20,000.00	0.26	8.30	Pass

-- End of measurement results--

-- End of Report--

Signatory: Jacob Cannon

LARSON DAVIS – A PCB DIVISION
1681 West 820 North
Provo, UT 84601, United States
716-684-0001

Calibration Certificate

Certificate Number 2023011114
Customer:
Aztec Engineering

,

Model Number	LxT SE	***Procedure Number***	D0001.8384		
Serial Number	0006591	***Technician***	Jacob Cannon		
Test Results	**Pass**	***Calibration Date***	24 Aug 2023		
Initial Condition	AS RECEIVED same as shipped	***Calibration Due***	24 Aug 2025		
Description	Sound Expert LxT Class 1 Sound Level Meter Firmware Revision: 2.404	***Temperature***	23.9	°C	± 0.25 °C
		Humidity	51.9	%RH	± 2.0 %RH
		Static Pressure	86.49	kPa	± 0.13 kPa

Evaluation Method ***Tested with:*** ***Data reported in dB re 20 µPa.***

Larson Davis CAL291, S/N 0108
Larson Davis PRMLxT1L, S/N 070094
PCB 377B02, S/N 332595
Larson Davis CAL200, S/N 9079

Compliance Standards Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8378:

IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1
IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1
IEC 61252:2002	ANSI S1.11 (R2009) Class 1
IEC 61260:2001 Class 1	ANSI S1.25 (R2007)
IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2017.
Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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Correction data from Larson Davis LxT Manual for SoundTrack LxT & SoundExpert Lxt, I770.01 Rev O Supporting Firmware Version 4.0.5, 2019-09-10

For 1/4" microphones, the Larson Davis ADP024 1/4" to 1/2" adaptor is used with the calibrators and the Larson Davis ADP043 1/4" to

1/2" adaptor is used with the preamplifier.

Calibration Check Frequency: 1000 Hz; Reference Sound Pressure Level: 114 dB re 20 µPa

Periodic tests were performed in accordance with procedures from IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part3.

No Pattern approval for IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 available.

The sound level meter submitted for testing successfully completed the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3, for the environmental conditions under which the tests were performed. However, no general statement or conclusion can be made about conformance of the sound level meter to the full specifications of IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 because (a) evidence was not publicly available, from an independent testing organization responsible for pattern approvals, to demonstrate that the model of sound level meter fully conformed to the class 1 specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 or correction data for acoustical test of frequency weighting were not provided in the Instruction Manual and (b) because the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3 cover only a limited subset of the specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1.

Standards Used

Description	Cal Date	Cal Due	Cal Standard
Larson Davis CAL291 Residual Intensity Calibrator	2022-09-09	2023-09-09	001250
Hart Scientific 2626-S Humidity/Temperature Sensor	2023-02-20	2024-08-20	006946
Larson Davis CAL200 Acoustic Calibrator	2023-07-17	2024-07-17	007027
Larson Davis Model 831	2023-02-22	2024-02-22	007182
PCB 377A13 1/2 inch Prepolarized Pressure Microphone	2023-03-06	2024-03-06	007185
SRS DS360 Ultra Low Distortion Generator	2023-03-30	2024-03-30	007635
Larson Davis 1/2" Preamplifier for Model 831 Type 1	2022-09-28	2023-09-28	PCB0004783

Acoustic Calibration

Measured according to IEC 61672-3:2013 10 and ANSI S1.4-2014 Part 3: 10

Measurement	Test Result [dB]	Lower Limit [dB]	Upper Limit [dB]	Expanded Uncertainty [dB]	Result
1000 Hz	114.01	113.80	114.20	0.14	Pass

As Received Level: 111.82
Adjusted Level: 114.01

-- End of measurement results--

Loaded Circuit Sensitivity

Measurement	Test Result [dB re 1 V / Pa]	Lower Limit [dB re 1 V / Pa]	Upper Limit [dB re 1 V / Pa]	Expanded Uncertainty [dB]	Result
1000 Hz	-28.56	-29.61	-26.24	0.14	Pass

-- End of measurement results--

Acoustic Signal Tests, C-weighting

Measured according to IEC 61672-3:2013 12 and ANSI S1.4-2014 Part 3: 12 using a comparison coupler with Unit Under Test (UUT) and reference SLM using slow time-weighted sound level for compliance to IEC 61672-1:2013 5.5; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Expected [dB]	Lower Limit [dB]	Upper Limit [dB]	Expanded Uncertainty [dB]	Result
125	-0.20	-0.20	-1.20	0.80	0.23	Pass
1000	0.13	0.00	-0.70	0.70	0.23	Pass
8000	-2.40	-3.00	-5.50	-1.50	0.32	Pass

-- End of measurement results--

Self-generated Noise

Measured according to IEC 61672-3:2013 11.1 and ANSI S1.4-2014 Part 3: 11.1

Measurement	Test Result [dB]
A-weighted	40.60

-- End of measurement results--

-- End of Report--

Signatory: Jacob Cannon

APPENDIX C

Future Traffic Volumes

SR24, SR202L (Santan) - Ironwood Drive

Roadway Segment	TNM Modeled Hourly Volumes		
	Auto	Medium Truck	Heavy Truck
Ironwood WB OnRamp	1,900	130	33
Ironwood EB OffRamp	2,075	126	34
Ironwood EB OnRamp	19	1	0
Ironwood WB OffRamp	251	7	5
Ironwood Dr SB_up	1,460	35	10
Ironwood Dr SB	793	13	3
Ironwood Dr SB_down	2,514	126	34
Ironwood Dr NB_up	2,405	134	36
Ironwood Dr NB	880	19	5
Ironwood Dr NB_down	1,485	38	12
Meridian WB OnRamp	1,640	117	19
Meridian EB OffRamp	1,541	109	16
Meridian EB OnRamp	191	7	4
Meridian WB OffRamp	204	9	3
Meridian Rd SB_up	839	22	5
Meridian Rd SB	729	18	5
Meridian Rd SB_down	2,110	122	17
Meridian Rd NB_up	2,139	128	21
Meridian Rd NB	2,108	126	20
Meridian Rd NB_down	782	21	5
Signal Butte WB OnRamp	85	7	0
Signal Butte EB OffRamp	721	87	23
Signal Butte EB OnRamp	318	9	2
Signal Butte WB OffRamp	486	15	5
Signal Butte Rd SB_up	1,217	35	7
Signal Butte Rd SB	1,534	40	8
Signal Butte Rd SB_down	1,943	147	33
Signal Butte Rd NB_up	1,808	121	29
Signal Butte Rd NB	1,595	121	28
Signal Butte Rd NB_down	1,203	39	8
Williams Field WB OnRamp	1,137	124	17
Williams Field EB OffRamp	1,008	96	12
Williams Field EB OnRamp	338	14	4
Williams Field WB OffRamp	357	18	4
Williams Field Rd WB_up	1,203	111	17
Williams Field Rd WB	527	26	4
Williams Field Rd WB_down	660	50	5
Williams Field Rd EB_up	637	42	5
Williams Field Rd EB	1,175	100	13
Williams Field Rd EB_down	1,071	79	12
Ellsworth WB OnRamp	1,729	141	25
Ellsworth EB OffRamp	1,524	125	21
Ellsworth EB OnRamp	606	19	4

SR24, SR202L (Santan) - Ironwood Drive

Roadway Segment	TNM Modeled Hourly Volumes		
	Auto	Medium Truck	Heavy Truck
Ellsworth WB OffRamp	586	21	4
Ellsworth Rd SB_up	2,002	96	18
Ellsworth Rd SB	1,235	33	5
Ellsworth Rd SB_down	1,645	96	12
Ellsworth Rd NB_up	1,585	91	13
Ellsworth Rd NB	2,092	134	22
Ellsworth Rd NB_down	1,716	78	15
Ellsworth EB OffRamp_up	1,402	116	20
Guadalupe WB OffRamp	1,102	60	25
Guadalupe WB OnRamp	699	38	5
Guadalupe EB OffRamp	639	35	5
Guadalupe EB OnRamp	1,075	62	22
Guadalupe EB_up	1,262	31	5
Guadalupe EB	1,893	70	26
Guadalupe EB_down	2,129	87	28
Guadalupe WB_up	2,258	92	26
Guadalupe WB	1,586	48	7
Guadalupe WB_down	1,359	31	5
Elliot WB OffRamp	1,419	101	19
Elliot WB OnRamp	730	30	6
Elliot EB OffRamp	814	34	7
Elliot EB OnRamp	1,233	86	18
Elliot Rd EB_up	1,113	37	5
Elliot Rd EB	2,080	108	21
Elliot Rd EB_down	2,487	115	24
Elliot Rd WB_up	2,152	101	23
Elliot Rd WB	1,326	42	9
Elliot Rd WB_down	1,047	42	6
Hawes Rd RampC	976	105	18
Hawes Rd RampA	339	28	6
Hawes Rd RampB	706	49	10
Hawes Rd RampD	766	69	12
Hawes Rd SB_up	580	32	7
Hawes Rd SB	1,393	123	22
Hawes Rd SB_down	1,285	117	20
Hawes Rd NB_up	1,104	89	15
Hawes Rd NB	1,153	75	16
Hawes Rd NB_down	976	61	13
Power WB OffRamp	1,369	51	9
Power WB OnRamp	1,208	108	24
Power EB OffRamp	951	90	21
Power EB OnRamp	1,446	48	9
Power Rd SB_up	2,539	113	21

SR24, SR202L (Santan) - Ironwood Drive

Roadway Segment	TNM Modeled Hourly Volumes		
	Auto	Medium Truck	Heavy Truck
Power Rd SB	2,606	79	12
Power Rd SB_down	2,433	103	18
Power Rd NB_up	2,582	105	20
Power Rd NB	2,261	123	25
Power Rd NB_down	2,354	100	20
SR202_WB_Guadalupe_out	3,976	382	69
SR202_WB_Guadalupe _in	3,976	382	69
SR202_EB_Guadalupe _out	3,888	367	69
SR202_EB_Guadalupe _in	3,888	367	69
SR202_WB_Guadalupe_to_Elliot_out	2,884	267	48
SR202_WB_Guadalupe_to_Elliot_in	2,884	267	48
SR202_EB_Guadalupe_to_Elliot_out	2,805	256	48
SR202_EB_Guadalupe_to_Elliot_in	2,805	256	48
SR202_WB_Elliot_out	3,616	351	62
SR202_WB_Elliot_in	3,616	351	62
SR202_EB_Elliot_out	3,591	341	63
SR202_EB_Elliot_in	3,591	341	63
SR202_WB_Elliot_to_directioinalramp_out	3,981	366	65
SR202_WB_Elliot_to_directioinalramp_in	3,981	366	65
SR202_EB_Elliot_to_directioinalramp_out	3,998	358	66
SR202_EB_Elliot_to_directioinalramp_in	3,998	358	66
SR202_WB_directioinalramp_to_Hawes_out	1,761	146	24
SR202_WB_directioinalramp_to_Hawes_in	1,761	146	24
SR202_EB_directioinalramp_to_Hawes_out	1,684	127	21
SR202_EB_directioinalramp_to_Hawes_in	1,684	127	21
SR202_WB_Hawes_out	1,274	94	15
SR202_WB_Hawes_in	1,274	94	15
SR202_EB_Hawes_out	1,301	92	15
SR202_EB_Hawes_in	1,301	92	15
SR202_WB_Hawes_to_directionalramp_out	1,443	108	18
SR202_WB_Hawes_to_directionalramp_in	1,443	108	18
SR202_EB_Hawes_to_directionalramp_out	1,654	116	20
SR202_EB_Hawes_to_directionalramp_in	1,654	116	20
SR202_WB_HawesDirectionalramp_to_Power_out	2,786	232	43
SR202_WB_HawesDirectionalramp_to_Power_in	2,786	232	43
SR202_EB_HawesDirectionalramp_to_Power_out	3,015	230	44
SR202_EB_HawesDirectionalramp_to_Power_in	3,015	230	44
SR202_WB_Power_out	2,101	206	39
SR202_WB_Power_in	2,101	206	39
SR202_EB_Power_out	2,292	206	40
SR202_EB_Power_in	2,292	206	40
SR202_WB_West of Power_out	2,706	260	51
SR202_WB_West of Power_in	2,706	260	51

SR24, SR202L (Santan) - Ironwood Drive

Roadway Segment	TNM Modeled Hourly Volumes		
	Auto	Medium Truck	Heavy Truck
SR202_EB_West of Power_out	2,767	251	50
SR202_EB_West of Power_in	2,767	251	50
SR202EBtoSR24EB	2,723	227	49
SR202EBtoSR24EB_down	2,600	219	48
SR202EBtoEllsworth	122	8	1
SR24WBtoSR202WB	2,686	248	50
SR202WBtoSR24EB	4,440	439	82
SR24WBtoSR202EB	4,628	463	91
SR24_EB_SR202_to_Ellsworth_out	3,219	586	110
SR24_EB_SR202_to_Ellsworth_in	3,219	586	110
SR24_WB_SR202_to_Ellsworth_out	1,279	187	25
SR24_WB_SR202_to_Ellsworth_in	1,279	187	25
SR24WB_offramptoSR202EB	3,612	376	77
Ellsworth WB OnRamp_down	713	54	11
Ellsworth WB OnRamptoSR202WB	1,016	87	14
SR24_WB_offramp_to_onramp_out	1,009	79	15
SR24_WB_offramp_to_onramp_in	1,009	79	15
SR24_EB_Ellsworth_out	2,571	480	94
SR24_EB_Ellsworth_in	2,571	480	94
SR24_WB_Ellsworth_out	2,653	428	54
SR24_WB_Ellsworth_in	2,653	428	54
SR24_EB_Ellsworth_to_Williams Field_out	2,857	504	98
SR24_EB_Ellsworth_to_Williams Field_in	2,857	504	98
SR24_WB_Ellsworth_to_Williams Field_out	2,947	439	55
SR24_WB_Ellsworth_to_Williams Field_in	2,947	439	55
SR24_EB_Williams Field_out	2,375	434	92
SR24_EB_Williams Field_in	2,375	434	92
SR24_WB_Williams Field_out	2,395	357	50
SR24_WB_Williams Field_in	2,395	357	50
SR24_EB_Williams Field_to_Signal Butte_out	2,524	457	98
SR24_EB_Williams Field_to_Signal Butte_in	2,524	457	98
SR24_WB_Williams Field_to_Signal Butte_out	2,577	362	52
SR24_WB_Williams Field_to_Signal Butte_in	2,577	362	52
SR24_EB_Signal Butte_out	2,195	386	83
SR24_EB_Signal Butte_in	2,195	386	83
SR24_WB_Signal Butte_out	2,534	358	52
SR24_WB_Signal Butte_in	2,534	358	52
SR24_EB_Signal Butte_to_Meridian_out	2,475	362	79
SR24_EB_Signal Butte_to_Meridian_in	2,475	362	79
SR24_WB_Signal Butte_to_Meridian_out	2,553	308	44
SR24_WB_Signal Butte_to_Meridian_in	2,553	308	44
SR24_EB_Meridian_out	1,761	255	66
SR24_EB_Meridian_in	1,761	255	66

SR24, SR202L (Santan) - Ironwood Drive

Roadway Segment	TNM Modeled Hourly Volumes		
	Auto	Medium Truck	Heavy Truck
SR24_WB_Meridian_out	1,753	228	36
SR24_WB_Meridian_in	1,753	228	36
SR24_EB_Meridian _to_Ironwood_out	1,864	253	66
SR24_EB_Meridian _to_Ironwood_in	1,864	253	66
SR24_WB_Meridian _to_Ironwood_out	1,861	227	36
SR24_WB_Meridian _to_Ironwood_in	1,861	227	36
SR24_EB_Ironwood_out	890	141	35
SR24_EB_Ironwood_in	890	141	35
SR24_WB_Ironwood_out	937	136	20
SR24_WB_Ironwood_in	937	136	20
Crismon SB	1,246	56	8
Crismon NB	1,288	81	14

Sources: MAG Travel Demand Model

APPENDIX D

Predicted Noise Levels

SR 24: SR 202L to Ironwood Drive

ID	#units	NAC Category	Description	Existing Monitoring Levels (dBA)	Future Unmitigated Noise Levels (dBA)	Future Mitigated Noise Levels (dBA)	Insertion Loss (dBA)	Mitigation Considerations
Section 1: SR 202L, between Guadalupe Road and SR202/SR24 TI								
R1	4	B	San Miguel Apartments	---	62	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R2	4	B	San Miguel Apartments	---	62	---	---	
R3	4	B	San Miguel Apartments	---	62	---	---	
R4	2	B	Arizona Skyline Subdivison	---	63	---	---	
R5	2	B	Arizona Skyline Subdivison	---	62	---	---	
R6	2	B	Arizona Skyline Subdivison	---	62	---	---	
R7	2	B	Arizona Skyline Subdivison	---	62	---	---	
R8	2	B	Arizona Skyline Subdivison	---	64	---	---	
R9	2	B	Arizona Skyline Subdivison	---	50	---	---	
R10	1	B	Arizona Skyline Subdivison	---	64	---	---	
R11	1	B	Arizona Skyline Subdivison	---	63	---	---	
R12	1	B	Arizona Skyline Subdivison	---	61	---	---	
R13	1	B	Arizona Skyline Subdivison	---	61	---	---	
R14	1	B	Arizona Skyline Subdivison	---	61	---	---	
R15	1	B	Arizona Skyline Subdivison	---	60	---	---	
R16	1	B	Arizona Skyline Subdivison	---	59	---	---	
R17	1	G	Undeveloped Land (Future industrial, approved zoning/plan/design)	---	68	---	---	No noise limits for noise category F or G
R18	1	G	Undeveloped Land (industrial, active status)	---	68	---	---	
R19	1	F	CBRE commercial real estate	---	69	---	---	
R20	1	F	Nash Powersports Mesa	---	69	---	---	
R21	2	B	Eastridge Unit 2 Subdivision	---	60	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R22	2	B	Eastridge Unit 2 Subdivision	---	62	---	---	
R23	2	B	Eastridge Unit 2 Subdivision	---	62	---	---	
R24	2	B	Eastridge Unit 2 Subdivision	---	63	---	---	
R25	2	B	Eastridge Unit 2 Subdivision	---	62	---	---	
R26	2	B	Eastridge Unit 3 Subdivision	---	64	---	---	
R27	2	B	Eastridge Unit 3 Subdivision	---	63	---	---	
R28	2	B	Eastridge Unit 3 Subdivision	---	65	---	---	
R29	1	G	Undeveloped Land	---	67	---	---	No noise limits for noise category F or G
R30	1	G	Undeveloped Land	---	69	---	---	
R31	1	F	Amazon Fulfillment Center	---	67	---	---	
R32	1	G	Undeveloped Land (Future Retail, approved zoning/plan/design)	---	67	---	---	
R33	1	G	Undeveloped Land (Future Retail, approved zoning/plan/design)	---	67	---	---	
R34	1	G	Undeveloped Land (Future Retail, approved zoning/plan/design)	---	68	---	---	
R35	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	68	---	---	
R36	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	67	---	---	
R37	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	65	---	---	
R38	1	G	Undeveloped Land (Future Industrial, Office, Retail, approved zoning/plan/d	---	65	---	---	
R39	1	F	powerline substation	---	65	---	---	
R40	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	68	---	---	
R41	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	67	---	---	
R42	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	69	---	---	
R43	1	F	ATCO Trailer Rentals	---	68	---	---	
R44	1	F	KB Auto repair shop	---	67	---	---	
R45	1	G	Vacant/abandoned parcel	---	66	---	---	
R46	1	B	residential	---	62	---	---	Noise levels less than NAC B threshold of 66 dBA
R47	1	B	residential	---	**69**	68	1	Barrier evaluted not recommended
Mon1	---	---	Monitoring site	62	64	---	---	Monitoring purposes only
Mon2	---	---	Monitoring site	64	66	---	---	Monitoring purposes only
Section 2: SR 202L, between SR202/SR24 TI and Power Road								
R48	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	64	---	---	No noise limits for noise category F or G
R49	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	65	---	---	
R50	1	G	Undeveloped Land (Future Industrial, approved zoning/plan/design)	---	66	---	---	
R51	1	G	Undeveloped Land	---	65	---	---	
R52	1	F	Warehouses	---	63	---	---	
R53	1	F	Warehouses	---	63	---	---	
R54	1	F	Warehouses	---	64	---	---	
R55	1	F	Roberts Tire (Auto & truck Service Center)	---	70	---	---	
R56	1	F	American Furniture Warehouse	---	68	---	---	
R57	1	F	Synthetic Grass Warehouse	---	62	---	---	
R58	1	B	residential	---	62	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R59	1	B	residential	---	61	---	---	
R60	1	B	residential	---	61	---	---	
R61	1	B	residential	---	61	---	---	
R62	1	B	residential	---	61	---	---	

SR 24: SR 202L to Ironwood Drive

ID	#units	NAC Category	Description	Existing Monitoring Levels (dBA)	Future Unmitigated Noise Levels (dBA)	Future Mitigated Noise Levels (dBA)	Insertion Loss (dBA)	Mitigation Considerations
R63	1	B	residential	---	61	---	---	
R64	2	B	Copper Ranch AMD Subdivision	---	62	---	---	
R65	2	B	Copper Ranch AMD Subdivision	---	62	---	---	
R66	3	B	Copper Ranch AMD Subdivision	---	60	---	---	
R67	2	B	Copper Ranch AMD Subdivision	---	60	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R68	3	B	Copper Ranch AMD Subdivision	---	60	---	---	
R69	3	B	Copper Ranch AMD Subdivision	---	60	---	---	
R70	2	B	Copper Ranch AMD Subdivision	---	60	---	---	
R71	1	G	Undeveloped Land	---	63	---	---	
R72	1	F	Bonelli Doors & Windows	---	71	---	---	
R73	1	F	Industrial warehouse	---	72	---	---	
R74	1	F	Pacific Plastic Technology	---	64	---	---	
R75	1	F	EuroContempo Cabinetry	---	65	---	---	
R76	1	F	Potato Barn Unique Home Furnishings	---	69	---	---	
R77	1	F	FCP Euro Auto pars store	---	64	---	---	No noise limits for noise category F or G
R78	1	G	Undeveloped Land (Mixed use for office, multi-family units, retail, and hotel	---	69	---	---	
R79	1	F	Chick-fil-A fast food	---	69	---	---	
R80	1	F	The UPS store	---	68	---	---	
R81	1	F	Mega Furniture Gilbert (Funiture store)	---	67	---	---	
R82	1	F	Pink Door Storage & RV - Gilbert	---	69	---	---	
R83	2	B	Gardens Parcels 5 Condominium AMD	---	62	---	---	
R84	3	B	Gardens Parcels 5 Condominium AMD	---	62	---	---	
R85	3	B	Gardens Parcels 5 Condominium AMD	---	61	---	---	
R86	3	B	Gardens Parcels 5 Condominium AMD	---	61	---	---	
R87	3	B	Gardens Parcels 5 Condominium AMD	---	61	---	---	
R88	3	B	Gardens Parcels 5 Condominium AMD	---	60	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R89	3	B	Gardens Parcels 5 Condominium AMD	---	60	---	---	
R90	3	B	Gardens Parcels 5 Condominium AMD	---	60	---	---	
R91	3	B	Gardens Parcels 5 Condominium AMD	---	60	---	---	
R92	3	B	Gardens Parcels 5 Condominium AMD	---	60	---	---	
R93	2	B	Gardens Parcels 5 Condominium AMD	---	60	---	---	
R78A	1	G	Undeveloped Land	---	66	---	---	No noise limit for noise category G
Mon10	---	---	Monitoring site	65	62	---	---	Monitoring purposes only
Section 3: SR 24, between SR202/SR24 TI and Williams Field Road								
R94	1	F	powerline substation	---	65	---	---	
R95	1	G	Undeveloped Land (Future Industrial & Retail, approved zoning/plan/design	---	66	---	---	
R96	1	F	Hyundai Transys Auto parts	---	68	---	---	
R97	1	F	Nellis Auction - Mesa (Auction house)	---	66	---	---	
R98	1	G	Undeveloped Land (Mixed use for office, multi-family units, and retail, Pre-s	---	61	---	---	
R99	1	G	Undeveloped Land (Mixed use for office, multi-family units, and retail, Pre-s	---	63	---	---	
R100	1	G	Undeveloped Land (Mixed use for office, multi-family units, and retail, Pre-s	---	61	---	---	
R101	1	G	Undeveloped Land	---	62	---	---	No noise limits for noise category F or G
R102	1	G	Undeveloped Land	---	65	---	---	
R103	1	G	Undeveloped Land (PhxMesa Gateway Airport NE Area Development Plan o	---	62	---	---	
R104	1	G	Undeveloped Land (PhxMesa Gateway Airport NE Area Development Plan o	---	57	---	---	
R105	1	G	Undeveloped Land (PhxMesa Gateway Airport NE Area Development Plan o	---	66	---	---	
R106	1	F	Dental Care at Point 24	---	67	---	---	
R107	1	F	Mountainside Fitness East Mesa	---	65	---	---	
R108	2	B	Annex at Cadence Townhome Subdivision	---	61	---	---	
R109	2	B	Annex at Cadence Townhome Subdivision	---	61	---	---	
R110	2	B	Annex at Cadence Townhome Subdivision	---	62	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R111	2	B	Annex at Cadence Townhome Subdivision	---	62	---	---	
R112	2	B	Annex at Cadence Townhome Subdivision	---	63	---	---	
R113	3	B	Parcel J AT PPGN Subdivision	---	65	60	5	
R114	2	B	Parcel J AT PPGN Subdivision	---	**68**	63	5	
R115	2	B	Parcel J AT PPGN Subdivision	---	**71**	63	8	
R116	2	B	Parcel J AT PPGN Subdivision	---	**69**	62	7	
R117	4	B	Parcel J AT PPGN Subdivision	---	**66**	60	6	
R118	2	B	Parcel J AT PPGN Subdivision	---	60	57	3	
R119	2	B	Cadence at Gateway Phase 2 Subdivision	---	**69**	63	6	
R120	1	B	Cadence at Gateway Phase 2 Subdivision	---	**72**	65	7	Barrier WB1 is recommended, see barrier analysis Table for details
R121	2	B	Cadence at Gateway Phase 2 Subdivision	---	**75**	64	11	
R122	2	B	Cadence at Gateway Phase 2 Subdivision	---	**74**	65	9	
R123	2	B	Cadence at Gateway Phase 2 Subdivision	---	**73**	65	8	
R124	3	B	Cadence at Gateway Phase 2 Subdivision	---	**72**	65	7	
R125	2	B	Cadence at Gateway Phase 2 Subdivision	---	**67**	63	4	

SR 24: SR 202L to Ironwood Drive

ID	#units	NAC Category	Description	Existing Monitoring Levels (dBA)	Future Unmitigated Noise Levels (dBA)	Future Mitigated Noise Levels (dBA)	Insertion Loss (dBA)	Mitigation Considerations
R126	2	B	Cadence at Gateway Phase 2 Subdivision	---	**68**	65	3	
R127	1	B	Cadence at Gateway Phase 2 Subdivision	---	**67**	64	3	
R128	4	B	Cadence at Gateway Phase 2 Subdivision	---	**73**	65	8	
R129	4	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	64	6	
R130	2	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	64	6	
R131	2	B	Cadence at Gateway Phase 2 Subdivision	---	**71**	64	7	
R132	2	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	63	7	
R133	4	B	Cadence at Gateway Phase 2 Subdivision	---	**71**	63	8	
R134	2	B	Cadence at Gateway Phase 2 Subdivision	---	**69**	62	7	
R135	2	B	Cadence at Gateway Phase 2 Subdivision	---	**66**	61	5	
R136	2	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	64	6	
R137	4	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	63	7	
R138	2	B	Cadence at Gateway Phase 2 Subdivision	---	**69**	62	7	
R139	2	B	Cadence at Gateway Phase 2 Subdivision	---	**66**	62	4	Barrier WB1 is recommended, see barrier analysis Table for details
R140	2	B	Cadence at Gateway Phase 2 Subdivision	---	**68**	64	4	
R141	2	B	Cadence at Gateway Phase 2 Subdivision	---	**67**	65	2	
R142	4	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	62	8	
R143	2	B	Cadence at Gateway Phase 2 Subdivision	---	**67**	64	3	
R144	2	B	Cadence at Gateway Phase 2 Subdivision	---	**69**	64	5	
R145	1	B	Cadence at Gateway Phase 2 Subdivision	---	**69**	64	5	
R146	2	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	63	7	
R147	2	B	Cadence at Gateway Phase 2 Subdivision	---	**69**	62	7	
R148	2	B	Cadence at Gateway Phase 2 Subdivision	---	**70**	62	8	
R149	1	B	Cadence at Gateway Phase 2 Subdivision	---	**69**	64	5	
R150	1	B	Cadence at Gateway Phase 2 Subdivision	---	61	59	2	
R151	1	G	Undeveloped Land (PhxMesa Gateway Airport NE Area Development Plan o	---	69	---	---	
R152	1	G	Undeveloped Land (PhxMesa Gateway Airport NE Area Development Plan o	---	68	---	---	No noise limit for noise category G
R153	1	G	Undeveloped Land (PhxMesa Gateway Airport NE Area Development Plan o	---	66	---	---	
Mon3	---	---	Monitoring site	70	76	---	---	Monitoring purposes only
Section 4: SR 24, between Williams Field Road and Ironwood Drive								
R154	10	C	Bell Bank Park Sports Complex	---	49	---	---	Noise levels less than ADOT NAC C threshold of 66 dBA
R155	10	C	Bell Bank Park Sports Complex	---	53	---	---	
R156	1	B	New milti-family, Approved zoning/plan/design	---	62	59	3	
R156A	4	B	New milti-family, Approved zoning/plan/design	---	**69**	64	5	
R156B	4	B	New milti-family, Approved zoning/plan/design	---	**69**	64	5	
R156C	4	B	New milti-family, Approved zoning/plan/design	---	**71**	64	7	
R156D	4	B	New milti-family, Approved zoning/plan/design	---	**71**	64	7	Barriers WB3A & WB3B are recommended, see barrier analysis Table for details
R156E	4	B	New milti-family, Approved zoning/plan/design	---	63	62	1	
R156F	4	B	New milti-family, Approved zoning/plan/design	---	65	62	3	
R156G	4	B	New milti-family, Approved zoning/plan/design	---	64	61	3	
R156H	4	B	New milti-family, Approved zoning/plan/design	---	62	60	2	
R156I	4	B	New milti-family, Approved zoning/plan/design	---	62	60	2	
R156J	4	B	New milti-family, Approved zoning/plan/design	---	64	61	3	
Mon4	---	---	Monitoring site	62	69	---	---	Monitoring purposes only
R157	3	B	Avalon Crossing Subdivision	---	63	59	4	
R158	4	B	Avalon Crossing Subdivision	---	62	59	3	
R159	4	B	Avalon Crossing Subdivision	---	61	58	3	
R160	4	B	Avalon Crossing Subdivision	---	62	59	3	
R161	3	B	Avalon Crossing Subdivision	---	**70**	61	9	
R162	2	B	Avalon Crossing Subdivision	---	**66**	61	5	
R163	2	B	Avalon Crossing Subdivision	---	62	58	4	
R164	2	B	Avalon Crossing Subdivision	---	**67**	61	6	
R165	3	B	Avalon Crossing Subdivision	---	**66**	61	5	
R166	2	B	Avalon Crossing Subdivision	---	64	61	3	
R167	2	B	Avalon Crossing Subdivision	---	**69**	64	5	
R168	2	B	Avalon Crossing Subdivision	---	**75**	64	11	
R169	2	B	Avalon Crossing Subdivision	---	**73**	64	9	
R170	2	B	Avalon Crossing Subdivision	---	**69**	63	6	
R171	3	B	Avalon Crossing Subdivision	---	**72**	64	8	Barrier WB2 is recommended, see barrier analysis Table for details
R172	3	B	Avalon Crossing Subdivision	---	**72**	64	8	
R173	3	B	Avalon Crossing Subdivision	---	**70**	64	6	
R174	3	B	Avalon Crossing Subdivision	---	**72**	65	7	
R175	3	B	Avalon Crossing Subdivision	---	**68**	63	5	
R176	3	B	Avalon Crossing Subdivision	---	**71**	64	7	
R177	3	B	Avalon Crossing Subdivision	---	**68**	63	5	
R178	2	B	Avalon Crossing Subdivision	---	**72**	64	8	

SR 24: SR 202L to Ironwood Drive

ID	#units	NAC Category	Description	Existing Monitoring Levels (dBA)	Future Unmitigated Noise Levels (dBA)	Future Mitigated Noise Levels (dBA)	Insertion Loss (dBA)	Mitigation Considerations
R179	2	B	Avalon Crossing Subdivision	---	**66**	62	4	
R180	2	B	Avalon Crossing Subdivision	---	**67**	63	4	
R181	3	B	Avalon Crossing Subdivision	---	**67**	61	6	
R182	3	B	Avalon Crossing Subdivision	---	**67**	63	4	
R183	3	B	Avalon Crossing Subdivision	---	**69**	64	5	
R184	4	B	Avalon Crossing Subdivision	---	**67**	60	7	
R185	2	B	Avalon Crossing Subdivision	---	64	61	3	
R186	1	B	residential	---	63	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R187	1	B	residential	---	61	---	---	
R188	1	B	residential	---	62	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R190	1	B	residential	---	67	---	---	
R191	1	B	residential	---	62	---	---	
R189	1	G	Undeveloped Land (future storage facilities, Pre-submittal/Pre-Approval)	---	62	---	---	No noise limit for noise category G
R192	1	G	Undeveloped Land	---	67	---	---	
R193	1	G	Undeveloped Land	---	68	---	---	
R194	1	G	Undeveloped Land (future warehouse/distribution center, Approved zoning,	---	66	---	---	
R195	1	G	Undeveloped Land	---	67	---	---	
Mon5	---	---	Monitoring site	55	56	---	---	Monitoring purposes only
Mon6	---	---	Monitoring site	66	74	---	---	Monitoring purposes only
Mon7	---	---	Monitoring site	56	66	---	---	Monitoring purposes only
R196	1	G	Undeveloped Land (Mixed use for residential, industrial, office, and retail, P	---	68	---	---	No noise limit for noise category G
R197	1	G	Undeveloped Land (Mixed use for residential, industrial, office, and retail, P	---	68	---	---	
R198	2	B	Destination at Gateway Subdivision	---	63	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R199	2	B	Destination at Gateway Subdivision	---	65	---	---	
R200	3	B	Destination at Gateway Subdivision	---	62	---	---	
R201	3	B	Destination at Gateway Subdivision	---	63	---	---	
R202	3	B	Destination at Gateway Subdivision	---	64	---	---	
R203	3	B	Destination at Gateway Subdivision	---	63	---	---	
R204	3	B	Destination at Gateway Subdivision	---	63	---	---	
R205	3	B	Destination at Gateway Subdivision	---	64	---	---	
R206	3	B	Destination at Gateway Subdivision	---	63	---	---	
R207	2	B	Destination at Gateway Subdivision	---	63	---	---	
R208	2	B	Destination at Gateway Subdivision	---	63	---	---	
R209	1	G	Undeveloped Land (future industrial, Pre-submittal/pre-approval)	---	66	---	---	No noise limits for noise category F or G
R210	1	G	Undeveloped Land	---	68	---	---	
R211	1	F	Fujifilm Electronic Materials USA	---	69	---	---	
R212	1	F	Bridgestone Biorubber Process Research Center	---	63	---	---	
R213	1	G	Undeveloped Land	---	67	---	---	
R214	1	G	Undeveloped Land (future industrial, Pre-submittal/pre-approval)	---	66	---	---	
R215	1	B	residential	---	63	---	---	Noise levels less than ADOT NAC B threshold of 66 dBA
R216	1	B	residential	---	65	---	---	
R217	1	G	Undeveloped Land	---	64	---	---	No noise limit for noise category G
R218	1	G	Undeveloped Land	---	62	---	---	
R219	1	G	Undeveloped Land	---	64	---	---	
R220	1	G	Undeveloped Land	---	63	---	---	
R221	1	G	Undeveloped Land	---	63	---	---	
R222	1	G	Undeveloped Land	---	66	---	---	
R223	1	G	Undeveloped Land	---	64	---	---	
R224	1	G	Undeveloped Land	---	64	---	---	
R225	1	G	Undeveloped Land	---	64	---	---	
R222A	1	G	Undeveloped Land	---	66	---	---	
Mon8	---	---	Monitoring site	60	70	---	---	Monitoring purposes only
Mon9	---	---	Monitoring site	68	67	---	---	Monitoring purposes only

Notes:
Column "ID" highlighted in yellow indicates first row receivers for recommended barriers.
Column "Insertion Loss" highlighted in pink indicates insertion loss equal to or greater than 5 dBA.
Numbers in bold font in column "Future Unmitigated Noise Levels (dBA)" indicate impacted receivers.

APPENDIX E

Recommended Barrier Dimensions and Coordinates

Project Name: SR24, SR202L (Santan) – Ironwood

Barrier Name: Barrier WB1

Barrier Segment	Point No.	Stationing [1]	Easting (X) (ft)	Northing (Y) (ft)	Bottom Elevation (Z) (ft) [2]	Top Elevation (Z) (ft)	Segment Length (ft)	Segment Height (ft)
1	1	120+83.583	790,371.60	839,275.20	1,400.27	1,408.27	126	8
	2	120+41.774	790,258.40	839,219.50	1,399.39	1,407.39		
2	2	120+41.774	790,258.40	839,219.50	1,399.39	1,409.39	39	10
	3	120+08.418	790,220.00	839,226.30	1,399.43	1,409.43		
3	3	120+08.418	790,220.00	839,226.30	1,399.43	1,411.43	26	12
	4	119+80.884	790,202.30	839,245.50	1,399.48	1,411.48		
4	4	119+80.884	790,202.30	839,245.50	1,399.48	1,413.48	200	14
	5	117+70.006	790,069.10	839,394.70	1,398.83	1,412.83		
5	5	117+70.006	790,069.10	839,394.70	1,398.83	1,412.83	200	14
	6	115+59.060	789,935.80	839,543.80	1,398.48	1,412.48		
6	6	115+59.060	789,935.80	839,543.80	1,398.48	1,412.48	200	14
	7	113+48.339	789,802.90	839,693.30	1,398.35	1,412.35		
7	7	113+48.339	789,802.90	839,693.30	1,398.35	1,412.35	200	14
	8	111+42.255	789,669.70	839,842.40	1,398.48	1,412.48		
8	8	111+42.255	789,669.70	839,842.40	1,398.48	1,412.48	200	14
	9	109+42.713	789,536.20	839,991.40	1,398.04	1,412.04		
9	9	109+42.713	789,536.20	839,991.40	1,398.04	1,412.04	200	14
	10	107+43.118	789,403.30	840,140.80	1,397.49	1,411.49		
10	10	107+43.118	789,403.30	840,140.80	1,397.49	1,411.49	200	14
	11	105+43.575	789,269.80	840,289.70	1,397.56	1,411.56		
11	11	105+43.575	789,269.80	840,289.70	1,397.56	1,411.56	200	14
	12	103+43.998	789,136.70	840,439.00	1,397.98	1,411.98		
12	12	103+43.998	789,136.70	840,439.00	1,397.98	1,411.98	200	14
	13	101+44.422	789,003.50	840,588.20	1,397.24	1,411.24		
13	13	101+44.422	789,003.50	840,588.20	1,397.24	1,411.24	200	14
	14	99+44.854	788,870.30	840,737.40	1,397.18	1,411.18		
14	14	99+44.854	788,870.30	840,737.40	1,397.18	1,411.18	200	14
	15	97+45.293	788,737.00	840,886.50	1,396.22	1,410.22		
15	15	97+45.293	788,737.00	840,886.50	1,396.22	1,410.22	200	14
	16	95+45.731	788,603.70	841,035.60	1,395.50	1,409.50		
16	16	95+45.731	788,603.70	841,035.60	1,395.50	1,409.50	200	14
	17	93+46.154	788,470.60	841,184.90	1,395.28	1,409.28		
17	17	93+46.154	788,470.60	841,184.90	1,395.28	1,409.28	200	14
	18	91+46.159	788,346.40	841,341.60	1,394.91	1,408.91		
18	18	91+46.159	788,346.40	841,341.60	1,394.91	1,410.91	200	16
	19	89+46.260	788,228.30	841,503.00	1,394.25	1,410.25		
19	19	89+46.260	788,228.30	841,503.00	1,394.25	1,408.25	200	14
	20	87+46.352	788,110.00	841,664.30	1,393.76	1,407.76		
20	20	87+46.352	788,110.00	841,664.30	1,393.76	1,405.76	200	12
	21	85+49.197	787,991.90	841,825.70	1,394.59	1,406.59		
21	21	85+49.197	787,991.90	841,825.70	1,394.59	1,406.59	200	12
	22	83+58.907	787,874.00	841,987.30	1,394.81	1,406.81		
22	22	83+58.907	787,874.00	841,987.30	1,394.81	1,406.81	200	12
	23	81+69.552	787,755.90	842,148.70	1,394.71	1,406.71		
23	23	81+69.552	787,755.90	842,148.70	1,394.71	1,406.71	200	12
	24	79+81.504	787,637.60	842,310.00	1,394.10	1,406.10		
24	24	79+81.504	787,637.60	842,310.00	1,394.10	1,404.10	200	10
	25	77+95.188	787,519.40	842,471.30	1,394.47	1,404.47		
25	25	77+95.188	787,519.40	842,471.30	1,394.47	1,404.47	200	10
	26	76+10.981	787,401.30	842,632.70	1,394.37	1,404.37		
26	26	76+10.981	787,401.30	842,632.70	1,394.37	1,404.37	200	10
	27	74+29.364	787,283.70	842,794.50	1,395.52	1,405.52		

Notes:

[1] The noise barrier stationings are relative to the SR 24 centerline stationings.

[2] The noise barrier bottom elevations are relative to existing surface.

[3] The noise barrier coordinate points are for noise modeling purposes. Final designers need to refine the wall alignment to match other design features if needed.

Project Name: **SR24, SR202L (Santan) – Ironwood**

Barrier Name: **Barrier WB2**

Barrier Segment	Point No.	Stationing [1]	Easting (X) (ft)	Northing (Y) (ft)	Bottom Elevation (Z) (ft) [2]	Top Elevation (Z) (ft)	Segment Length (ft)	Segment Height (ft)
1	1	139+91.706	791,664.20	838,020.10	1,404.63	1,414.63	200	10
	2	141+99.595	791,823.60	837,899.20	1,405.74	1,415.74		
2	2	141+99.595	791,823.60	837,899.20	1,405.74	1,415.74	200	10
	3	144+07.577	791,989.70	837,787.90	1,407.23	1,417.23		
3	3	144+07.577	791,989.70	837,787.90	1,407.23	1,417.23	200	10
	4	146+14.531	792,156.30	837,677.20	1,407.24	1,417.24		
4	4	146+14.531	792,156.30	837,677.20	1,407.24	1,419.24	200	12
	5	148+21.739	792,330.00	837,578.10	1,407.09	1,419.09		
5	5	148+21.739	792,330.00	837,578.10	1,407.09	1,421.09	200	14
	6	150+29.059	792,509.80	837,490.50	1,407.58	1,421.58		
6	6	150+29.059	792,509.80	837,490.50	1,407.58	1,421.58	200	14
	7	152+36.395	792,694.50	837,413.70	1,408.49	1,422.49		
7	7	152+36.395	792,694.50	837,413.70	1,408.49	1,422.49	200	14
	8	154+43.595	792,879.20	837,336.90	1,409.40	1,423.40		
8	8	154+43.595	792,879.20	837,336.90	1,409.40	1,423.40	200	14
	9	156+50.761	793,069.90	837,276.70	1,410.45	1,424.45		
9	9	156+50.761	793,069.90	837,276.70	1,410.45	1,424.45	200	14
	10	158+58.146	793,261.90	837,220.70	1,410.59	1,424.59		
10	10	158+58.146	793,261.90	837,220.70	1,410.59	1,424.59	200	14
	11	160+65.722	793,453.90	837,164.80	1,410.52	1,424.52		
11	11	160+65.722	793,453.90	837,164.80	1,410.52	1,422.52	200	12
	12	162+73.193	793,646.00	837,109.10	1,411.57	1,423.57		
12	12	162+73.193	793,646.00	837,109.10	1,411.57	1,423.57	200	12
	13	164+80.663	793,841.60	837,067.50	1,414.42	1,426.42		
13	13	164+80.663	793,841.60	837,067.50	1,414.42	1,426.42	200	12
	14	166+88.233	794,037.20	837,025.60	1,414.41	1,426.41		
14	14	166+88.233	794,037.20	837,025.60	1,414.41	1,426.41	200	12
	15	168+95.749	794,233.60	836,988.10	1,414.36	1,426.36		
15	15	168+95.749	794,233.60	836,988.10	1,414.36	1,426.36	200	12
	16	171+03.264	794,431.90	836,961.50	1,413.72	1,425.72		
16	16	171+03.264	794,431.90	836,961.50	1,413.72	1,425.72	200	12
	17	173+10.822	794,630.10	836,934.70	1,414.63	1,426.63		
17	17	173+10.822	794,630.10	836,934.70	1,414.63	1,428.63	200	14
	18	175+18.206	794,829.90	836,926.30	1,416.43	1,430.43		
18	18	175+18.206	794,829.90	836,926.30	1,416.43	1,430.43	200	14
	19	177+25.524	795,029.90	836,929.60	1,416.79	1,430.79		
19	19	177+25.524	795,029.90	836,929.60	1,416.79	1,430.79	200	14
	20	179+33.666	795,229.80	836,932.90	1,417.82	1,431.82		
20	20	179+33.666	795,229.80	836,932.90	1,417.82	1,429.82	200	12
	21	181+40.004	795,429.80	836,936.20	1,418.74	1,430.74		
21	21	181+40.004	795,429.80	836,936.20	1,418.74	1,428.74	200	10
	22	183+39.940	795,629.80	836,939.50	1,419.34	1,429.34		

Notes:

[1] The noise barrier stationings are relative to the SR 24 centerline stationings.

[2] The noise barrier bottom elevations are relative to existing surface.

[3] The noise barrier coordinate points are for noise modeling purposes. Final designers need to refine the wall alignment to match other design features if needed.

Project Name: **SR24, SR202L (Santan) – Ironwood**

Barrier Name: **Barrier WB3A**

Barrier Segment	Point No.	Stationing [1]	Easting (X) (ft)	Northing (Y) (ft)	Bottom Elevation (Z) (ft) [2]	Top Elevation (Z) (ft)	Segment Length (ft)	Segment Height (ft)
1	1	134+99.999	791,116.20	838,053.70	1,403.50	1,409.50	98	6
	2	134+01.058	791,037.20	838,111.50	1,404.70	1,410.70		
2	2	134+01.058	791,037.20	838,111.50	1,404.70	1,410.70	201	6
	3	131+97.350	790,874.90	838,230.90	1,407.40	1,413.40		
3	3	131+97.350	790,874.90	838,230.90	1,407.40	1,413.40	202	6
	4	129+93.512	790,716.00	838,355.00	1,411.30	1,417.30		
4	4	129+93.512	790,716.00	838,355.00	1,411.30	1,417.30	195	6
	5	127+96.690	790,565.00	838,477.90	1,415.30	1,421.30		
5	5	127+96.690	790,565.00	838,477.90	1,415.30	1,421.30	196	6
	6	125+98.784	790,412.50	838,601.00	1,419.30	1,425.30		
6	6	125+98.784	790,412.50	838,601.00	1,419.30	1,425.30	192	6
	7	124+04.477	790,271.90	838,732.30	1,422.50	1,428.50		
7	7	124+04.477	790,271.90	838,732.30	1,422.50	1,428.50	198	6
	8	122+04.238	790,132.70	838,873.40	1,424.20	1,430.20		
8	8	122+04.238	790,132.70	838,873.40	1,424.20	1,430.20	196	6
	9	120+05.690	789,998.40	839,016.70	1,424.30	1,430.30		
9	9	120+05.690	789,998.40	839,016.70	1,424.30	1,430.30	196	6
	10	118+07.014	789,864.00	839,159.90	1,422.80	1,428.80		

Notes:

[1] The noise barrier stationings are relative to the SR 24 centerline stationings.

[2] The noise barrier bottom elevations are relative to existing surface.

[3] The noise barrier coordinate points are for noise modeling purposes. Final designers need to refine the wall alignment to match other design features if needed.

Project Name: **SR24, SR202L (Santan) – Ironwood**

Barrier Name: **Barrier WB3B**

Barrier Segment	Point No.	Stationing [1]	Easting (X) (ft)	Northing (Y) (ft)	Bottom Elevation (Z) (ft) [2]	Top Elevation (Z) (ft)	Segment Length (ft)	Segment Height (ft)
1	1	140+09.975	791,551.70	837,799.60	1,402.69	1,412.69	99	10
	2	139+09.198	791,469.80	837,856.10	1,402.09	1,412.09		
2	2	139+09.198	791,469.80	837,856.10	1,402.09	1,412.09	99	10
	3	138+08.261	791,387.80	837,912.50	1,401.50	1,411.50		
3	3	138+08.261	791,387.80	837,912.50	1,401.50	1,411.50	199	10
	4	136+06.283	791,226.80	838,029.50	1,400.79	1,410.79		
4	4	136+06.283	791,226.80	838,029.50	1,400.79	1,410.79	199	10
	5	134+04.082	791,069.90	838,152.00	1,402.26	1,412.26		

Notes:

[1] The noise barrier stationings are relative to the SR 24 centerline stationings.

[2] The noise barrier bottom elevations are relative to existing surface.

[3] The noise barrier coordinate points are for noise modeling purposes. Final designers need to refine the wall alignment to match other design features if needed.

APPENDIX F

FHWA Traffic Noise Model (TNM) 2.5 Output Tables
(TNM Model to EP)

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Guadalupe EB OnRamp	12.0	Guad Ram	26	783,551.4	860,543.5	1,409.90	Onramp	15.00	100	Average	
		Guad Ram	27	783,526.3	860,741.9	1,403.50				Average	
		Guad Ram	28	783,498.2	860,939.9	1,403.10				Average	
		Guad Ram	29	783,465.5	861,137.2	1,403.40				Average	
		Guad Ram	30	783,421.4	861,332.3	1,412.40					
Guadalupe EB OffRamp	12.0	0+00.000	1365	783,456.2	858,666.1	1,396.00				Average	
		2+00.000	1366	783,457.0	858,867.0	1,394.60				Average	
		4+00.000	1367	783,462.2	859,066.9	1,392.60				Average	
		6+00.000	1368	783,468.8	859,263.9	1,392.30				Average	
		8+00.000	1369	783,480.5	859,466.1	1,392.60				Average	
		10+00.000	1370	783,489.6	859,665.6	1,395.70				Average	
		12+00.000	1371	783,504.2	859,865.0	1,399.60				Average	
		14+00.000	1372	783,518.9	860,064.5	1,403.60				Average	
		16+00.000	1373	783,533.6	860,263.9	1,407.50				Average	
		18+00.000	1374	783,546.0	860,434.5	1,408.90					
Elliot WB OffRamp	24.0	21+68.790	1387	783,300.4	857,364.6	1,397.40				Average	
		20+00.000	1386	783,305.1	857,196.2	1,396.80				Average	
		18+00.000	1385	783,302.6	856,996.3	1,396.10				Average	
		16+00.000	1384	783,293.3	856,796.5	1,395.90				Average	
		14+00.000	1383	783,282.9	856,596.7	1,397.00				Average	
		12+00.000	1382	783,272.5	856,397.0	1,398.40				Average	
		10+00.000	1381	783,262.0	856,197.3	1,398.80				Average	
		8+00.000	1380	783,251.6	855,997.6	1,397.90				Average	
		6+00.000	1379	783,241.1	855,797.8	1,395.30				Average	
		4+00.000	1378	783,230.7	855,598.1	1,391.20				Average	

		2+00.000	1377	783,220.3	855,398.4	1,388.80				Average	
		0+00.000	1376	783,212.8	855,250.1	1,389.70					
Elliot EB OnRamp	12.0	0+00.000	1388	783,628.9	855,242.9	1,389.80	Onramp	15.00	100	Average	
		2+00.000	1389	783,613.9	855,395.2	1,388.20				Average	
		4+00.000	1390	783,596.0	855,594.4	1,389.60				Average	
		6+00.000	1391	783,578.0	855,793.6	1,391.60				Average	
		8+00.000	1392	783,560.1	855,992.8	1,393.60				Average	
		10+00.000	1393	783,542.2	856,192.0	1,395.30				Average	
		12+00.000	1394	783,526.8	856,391.2	1,396.30				Average	
		14+00.000	1395	783,511.6	856,590.4	1,396.60				Average	
		16+00.000	1396	783,496.4	856,791.4	1,396.30				Average	
		18+00.000	1397	783,485.1	856,989.1	1,396.10				Average	
		20+00.000	1398	783,475.6	857,187.1	1,396.10				Average	
		21+28.215	1399	783,474.4	857,380.1	1,397.30					
Elliot WB OnRamp	12.0	24+00.000	1412	783,196.7	855,162.1	1,390.20	Onramp	15.00	100	Average	
		22+00.000	1411	783,207.0	854,991.7	1,388.30				Average	
		20+00.000	1410	783,215.9	854,791.9	1,388.80				Average	
		18+00.000	1409	783,225.0	854,592.1	1,390.70				Average	
		16+00.000	1408	783,236.9	854,392.5	1,391.90				Average	
		14+00.000	1407	783,252.3	854,193.1	1,392.80				Average	
		12+00.000	1406	783,271.1	853,994.0	1,392.90				Average	
		10+00.000	1405	783,293.1	853,795.2	1,392.40				Average	
		8+00.000	1404	783,315.7	853,596.5	1,391.20				Average	
		6+00.000	1403	783,336.5	853,397.6	1,390.10				Average	
		4+00.000	1402	783,352.3	853,198.2	1,388.70				Average	
		2+00.000	1401	783,367.3	852,999.9	1,388.30				Average	
		0+00.000	1400	783,387.4	852,671.4	1,388.80					
Elliot EB OffRamp	12.0	10+00.000	1414	783,520.2	852,666.1	1,388.80				Average	
		12+00.000	1415	783,527.5	852,857.2	1,388.40				Average	
		14+00.000	1416	783,531.1	853,060.0	1,388.70				Average	
		16+00.000	1417	783,541.5	853,259.8	1,389.10				Average	
		18+00.000	1418	783,555.0	853,459.3	1,389.90				Average	
		20+00.000	1419	783,568.6	853,658.8	1,390.60				Average	
		22+00.000	1420	783,581.4	853,858.4	1,390.90				Average	
		24+00.000	1421	783,591.2	854,058.2	1,390.80				Average	
		26+00.000	1422	783,597.6	854,258.1	1,390.50				Average	
		28+00.000	1423	783,602.3	854,458.0	1,389.80				Average	
		30+00.000	1424	783,607.1	854,658.0	1,389.00				Average	
		32+00.000	1425	783,611.8	854,857.9	1,388.20				Average	

		34+00.000	1426	783,612.1	855,153.3	1,390.20					
SR202_WB_Out2	12.0	3206+00.0	1450	783,282.9	858,664.8	1,396.00				Average	
		3204+00.0	1451	783,285.6	858,464.8	1,397.30				Average	
		3202+00.0	1452	783,288.3	858,264.8	1,399.40				Average	
		3200+00.0	1453	783,291.0	858,064.9	1,399.30				Average	
		3198+00.0	1454	783,293.7	857,864.9	1,399.00				Average	
		3196+00.0	1455	783,296.4	857,664.9	1,398.70				Average	
		3194+00.0	1456	783,299.1	857,464.9	1,397.60				Average	
		3192+99.7	1457	783,300.4	857,364.6	1,397.40					
SR202_EB_Out2	12.0	3193+12.7	1458	783,474.4	857,380.1	1,397.30				Average	
		3195+12.7	1459	783,471.7	857,580.0	1,398.50				Average	
		3197+12.7	1460	783,469.0	857,780.0	1,399.30				Average	
		3199+12.7	1461	783,466.3	857,980.0	1,399.40				Average	
		3201+12.7	1462	783,463.6	858,180.0	1,399.50				Average	
		3203+12.7	1463	783,460.9	858,380.0	1,397.70				Average	
		3204+99.3	1464	783,456.2	858,666.1	1,396.00					
Guadalupe EB_up	36.0	point1482	1482	782,430.4	860,448.2	1,401.10				Average	
		a 3223+86	57	782,689.0	860,443.5	1,402.80				Average	
		a 3223+72	58	783,128.7	860,435.6	1,405.40					
Guadalupe WB_up	36.0	point1487	1487	784,201.2	860,495.5	1,413.20				Average	
		a 3224+30	65	783,876.9	860,503.3	1,411.40				Average	
		a 3224+36	66	783,555.9	860,507.4	1,409.50					
Guadalupe WB OnRamp	12.0	point1488	1488	783,142.3	860,433.9	1,408.30	Onramp	15.00	100	Average	
		4+00.000	1362	783,156.8	860,260.9	1,405.50				Average	
		6+00.000	1361	783,173.6	860,060.5	1,402.00				Average	
		8+00.000	1360	783,191.5	859,861.3	1,399.10				Average	
		10+00.000	1359	783,209.5	859,662.1	1,395.60				Average	
		12+00.000	1358	783,227.4	859,462.9	1,393.00				Average	
		14+00.000	1357	783,245.4	859,263.7	1,392.20				Average	
		16+00.000	1356	783,261.1	859,064.4	1,393.60				Average	
		18+00.000	1355	783,282.9	858,664.8	1,396.00					
SR24WBtoSR202WB	24.0	78+00.000	1529	782,563.1	846,611.0	1,387.90				Average	
		76+00.000	1528	782,462.7	846,784.0	1,389.90				Average	
		74+00.000	1527	782,366.9	846,959.5	1,393.00				Average	
		72+00.000	1526	782,275.7	847,137.5	1,396.10				Average	
		70+00.000	1525	782,189.2	847,317.8	1,399.30				Average	
		68+00.000	1524	782,107.4	847,500.3	1,402.40				Average	
		66+00.000	1523	782,030.4	847,684.9	1,405.50				Average	
		64+00.000	1522	781,957.6	847,871.2	1,408.60				Average	

		62+00.000	1521	781,882.7	848,056.6	1,411.80				Average	
		60+00.000	1520	781,781.7	848,228.9	1,414.90				Average	Y
		58+00.000	1519	781,651.7	848,380.5	1,417.40				Average	Y
		56+00.000	1518	781,496.8	848,506.5	1,418.80				Average	Y
		54+00.000	1517	781,321.9	848,603.0	1,419.00				Average	Y
		52+00.000	1516	781,132.6	848,666.8	1,418.10				Average	Y
		50+00.000	1515	780,935.0	848,695.9	1,416.00				Average	Y
		48+00.000	1514	780,735.4	848,689.4	1,412.70				Average	Y
		46+00.000	1513	780,540.1	848,647.4	1,408.50				Average	Y
		44+00.000	1512	780,355.4	848,571.4	1,404.10				Average	
		42+00.000	1511	780,180.5	848,474.4	1,399.70				Average	
		40+00.000	1510	780,005.8	848,376.9	1,395.20				Average	
		38+00.000	1509	779,831.2	848,279.5	1,390.80				Average	
		36+00.000	1508	779,656.5	848,182.0	1,386.40				Average	
		34+00.000	1507	779,480.3	848,087.4	1,382.00				Average	
		32+00.000	1506	779,300.9	847,999.0	1,377.60				Average	
		30+00.000	1505	779,118.6	847,917.0	1,373.20				Average	
		28+00.000	1504	778,933.4	847,841.3	1,368.80				Average	
		26+00.000	1503	778,745.8	847,772.1	1,364.30					
SR202WBtoSR24EB	24.0	0+00.000	1577	783,267.4	851,479.4	1,394.00				Average	
		2+00.000	1578	783,232.5	851,365.3	1,394.90				Average	
		4+00.000	1579	783,173.1	851,174.4	1,395.80				Average	
		6+00.000	1580	783,104.1	850,986.7	1,396.10				Average	
		8+00.000	1581	783,025.8	850,802.7	1,396.90				Average	
		10+00.000	1582	782,938.2	850,622.9	1,397.70				Average	
		12+00.000	1583	782,841.6	850,447.8	1,398.40				Average	
		14+00.000	1584	782,736.3	850,277.8	1,398.60				Average	
		16+00.000	1585	782,622.5	850,113.3	1,399.60				Average	Y
		18+00.000	1586	782,500.6	849,954.9	1,401.40				Average	Y
		20+00.000	1587	782,370.8	849,802.7	1,404.20				Average	Y
		22+00.000	1588	782,233.4	849,657.4	1,407.90				Average	Y
		24+00.000	1589	782,088.9	849,519.2	1,412.50				Average	Y
		26+00.000	1590	781,937.6	849,388.4	1,418.00				Average	Y
		28+00.000	1591	781,783.5	849,260.9	1,424.30				Average	Y
		30+00.000	1592	781,633.6	849,128.7	1,430.70				Average	Y
		32+00.000	1593	781,505.7	848,975.2	1,437.00				Average	Y
		point3062	3062	781,488.4	848,946.6	1,438.55					
SR202EBtoEllsworth	12.0	10+00.000	1643	779,748.3	847,561.2	1,374.00				Average	
		12+00.000	1644	779,944.3	847,601.0	1,379.00				Average	

		14+00.000	1645	780,140.3	847,640.7	1,384.20				Average	
		16+00.000	1646	780,336.4	847,680.5	1,388.50				Average	
		18+00.000	1647	780,532.8	847,718.0	1,390.50				Average	Y
		20+00.000	1648	780,732.2	847,729.3	1,389.40				Average	Y
		22+00.000	1649	780,930.8	847,707.5	1,386.80				Average	Y
		24+00.000	1650	781,123.1	847,653.3	1,386.60				Average	
		26+00.000	1651	781,303.7	847,568.1	1,390.50				Average	
		28+00.000	1652	781,467.9	847,454.2	1,396.80				Average	
		30+00.000	1653	781,612.0	847,315.7	1,400.40				Average	
		32+00.000	1654	781,750.2	847,171.2	1,400.60				Average	
		34+00.000	1655	781,888.5	847,026.7	1,397.50				Average	
		36+00.000	1656	782,026.8	846,882.2	1,393.50				Average	
		38+00.000	1657	782,165.1	846,737.7	1,389.50				Average	
		40+00.000	1658	782,300.5	846,590.6	1,385.60					
Hawes Rd RampB	12.0	0+00.000	2774	778,592.5	847,487.6	1,361.40				Average	
		2+00.000	2775	778,743.6	847,527.0	1,366.60				Average	
		4+00.000	2776	778,938.2	847,581.0	1,369.00				Average	
		6+00.000	2777	779,129.9	847,638.0	1,370.40				Average	
		8+00.000	2778	779,321.6	847,694.9	1,372.20				Average	
		10+00.000	2779	779,513.4	847,751.8	1,372.90				Average	
		12+00.000	2780	779,705.1	847,808.8	1,372.70				Average	
		13+99.986	2781	779,897.7	847,862.6	1,371.50				Average	
		15+99.970	2782	780,092.5	847,908.0	1,369.00				Average	
		17+99.968	2783	780,288.6	847,946.8	1,365.60				Average	
		19+99.968	2784	780,484.9	847,985.2	1,364.00				Average	
		21+98.549	2785	780,642.9	848,015.6	1,366.80					
Elliot Rd EB_up	36.0	point2817	2817	782,746.1	855,174.6	1,388.40				Average	
		point2818	2818	782,970.4	855,168.4	1,389.60				Average	
		point2819	2819	783,199.3	855,165.1	1,390.20					
Elliot Rd WB_up	36.0	point2830	2830	784,078.7	855,224.4	1,393.10				Average	
		point2824	2824	783,912.0	855,227.1	1,392.20				Average	
		point2825	2825	783,628.2	855,235.9	1,389.80					
Guadalupe WB OffRamp	24.0	point2836	2836	783,122.2	861,272.1	1,409.80				Average	
		Guad Ram	136	783,130.6	861,072.3	1,409.60				Average	
		Guad Ram	137	783,132.5	860,872.3	1,408.20				Average	
		Guad Ram	138	783,137.5	860,672.4	1,407.50				Average	
		Guad Ram	139	783,140.8	860,542.5	1,406.30					
SR202_WB_In_1	36.0	3232+05.5	1289	783,247.9	861,261.8	1,391.50				Average	
		3230+03.9	1288	783,276.9	861,063.9	1,387.30				Average	

		3228+02.4	1287	783,297.2	860,865.0	1,385.50				Average	
		3226+00.8	1286	783,308.8	860,665.3	1,385.20				Average	
		3224+00.0	1285	783,312.7	860,465.4	1,386.40				Average	
		3222+00.0	1284	783,315.4	860,265.4	1,386.50				Average	
		point1005	1005	783,318.1	860,065.4	1,387.50				Average	
		point1004	1004	783,319.5	859,960.2	1,388.30				Average	
		point1003	1003	783,322.2	859,760.2	1,389.50				Average	
		point1002	1002	783,324.9	859,560.2	1,390.60				Average	
		point1001	1001	783,327.6	859,360.2	1,391.90				Average	
		point1000	1000	783,330.3	859,160.3	1,392.80				Average	
		point999	999	783,333.0	858,960.3	1,394.40				Average	
		point998	998	783,335.7	858,760.3	1,395.50				Average	
		point2881	2881	783,337.0	858,660.3	1,396.05					
Hawes Rd RampD	12.0	point2851	2851	780,727.3	848,011.6	1,366.70	Onramp	15.00	100	Average	
		24+22.548	2787	780,873.2	848,049.9	1,364.70				Average	
		26+22.167	2788	781,061.5	848,115.9	1,366.70				Average	
		28+21.845	2789	781,231.3	848,221.1	1,372.20				Average	
		30+21.738	2790	781,385.2	848,348.7	1,377.00				Average	
		32+21.648	2791	781,523.9	848,492.6	1,381.60				Average	
		34+21.648	2792	781,657.3	848,641.6	1,386.50				Average	
		36+21.648	2793	781,790.7	848,790.6	1,390.90				Average	
		38+01.648	2794	781,910.7	848,924.8	1,393.90				Average	
		40+21.648	2795	782,057.4	849,088.7	1,396.20				Average	
		42+21.648	2796	782,190.8	849,237.8	1,396.90				Average	
		44+21.648	2797	782,324.2	849,386.8	1,398.90				Average	
		46+32.821	2798	782,421.9	849,518.7	1,399.30					
Hawes Rd RampC	24.0	0+00.000	2852	782,530.3	849,860.1	1,401.10				Average	
		2+00.000	2853	782,473.6	849,793.0	1,398.10				Average	
		4+00.000	2854	782,347.8	849,637.4	1,397.80				Average	
		6+00.000	2855	782,212.5	849,490.2	1,395.50				Average	
		8+00.000	2856	782,069.5	849,350.3	1,393.20				Average	
		10+00.000	2857	781,919.1	849,218.5	1,390.90				Average	
		12+00.000	2858	781,761.8	849,095.0	1,388.60				Average	
		14+00.000	2859	781,597.3	848,981.3	1,385.50				Average	
		16+00.000	2860	781,426.3	848,877.5	1,381.90				Average	
		18+00.000	2861	781,250.0	848,783.1	1,376.50				Average	
		20+00.000	2862	781,064.9	848,707.2	1,371.30				Average	
		22+00.000	2863	780,874.7	848,645.6	1,366.30				Average	
		24+00.000	2864	780,724.4	848,598.7	1,367.90					

Hawes Rd RampA	12.0	0+00.000	2865	780,642.1	848,599.1	1,368.00	Onramp	15.00	100	Average	
		2+00.000	2866	780,494.0	848,547.3	1,365.90				Average	
		4+00.000	2867	780,307.0	848,476.4	1,367.80				Average	
		6+00.000	2868	780,126.9	848,389.4	1,369.90				Average	
		8+00.000	2869	779,955.1	848,287.1	1,372.30				Average	
		10+00.000	2870	779,787.8	848,177.4	1,374.40				Average	
		12+00.000	2871	779,617.6	848,072.5	1,374.90				Average	
		14+00.000	2872	779,442.8	847,975.2	1,374.20				Average	
		16+00.000	2873	779,263.9	847,885.8	1,372.10				Average	
		18+00.000	2874	779,081.3	847,804.1	1,369.60				Average	
		20+00.000	2875	778,895.5	847,730.2	1,367.00				Average	
		22+00.000	2876	778,800.2	847,691.0	1,365.10					
SR202_EB_Out_5	36.0	point2894	2894	778,592.7	847,497.3	1,361.40				Average	
		point786	786	778,783.3	847,557.9	1,364.30				Average	
		point785	785	778,972.3	847,623.3	1,367.00				Average	
		point784	784	779,160.7	847,690.4	1,369.20				Average	
		point783	783	779,349.1	847,757.5	1,372.10				Average	
		point782	782	779,537.5	847,824.6	1,375.00				Average	
		point781	781	779,725.9	847,891.7	1,378.20				Average	
		point780	780	779,914.3	847,958.8	1,380.80				Average	
		point779	779	780,102.7	848,025.9	1,383.60				Average	
		point778	778	780,291.1	848,093.0	1,386.00				Average	
		point777	777	780,479.4	848,160.4	1,390.10				Average	Y
		point776	776	780,665.5	848,233.8	1,391.00				Average	Y
		point775	775	780,848.2	848,315.1	1,391.30				Average	Y
		point774	774	781,027.2	848,404.2	1,390.90				Average	
		point773	773	781,202.2	848,500.9	1,390.70				Average	
		point772	772	781,372.9	848,605.1	1,390.00				Average	
		point771	771	781,539.0	848,716.6	1,389.90				Average	
		point770	770	781,700.1	848,835.1	1,390.70				Average	
		point769	769	781,855.9	848,960.4	1,391.30				Average	
		point768	768	782,006.2	849,092.4	1,393.50				Average	
		point767	767	782,150.7	849,230.7	1,394.80				Average	
		point766	766	782,289.0	849,375.1	1,397.30				Average	
		point765	765	782,421.0	849,525.3	1,399.30					
SR202_EB_In_5	36.0	point2895	2895	778,546.8	847,508.6	1,360.90				Average	
		point634	634	778,737.7	847,568.2	1,363.50				Average	
		point635	635	778,927.1	847,632.6	1,366.50				Average	
		point636	636	779,115.5	847,699.8	1,368.70				Average	

		point637	637	779,303.9	847,766.9	1,372.10				Average	
		point638	638	779,492.3	847,834.0	1,374.50				Average	
		point639	639	779,680.7	847,901.1	1,377.40				Average	
		point640	640	779,869.1	847,968.2	1,380.40				Average	
		point641	641	780,057.5	848,035.3	1,382.60				Average	
		point642	642	780,245.9	848,102.4	1,385.60				Average	
		point643	643	780,434.3	848,169.5	1,388.50				Average	Y
		point644	644	780,620.9	848,241.3	1,391.00				Average	Y
		point645	645	780,804.3	848,321.1	1,391.70				Average	Y
		point646	646	780,984.1	848,408.8	1,390.70				Average	
		point647	647	781,159.8	848,504.2	1,390.80				Average	
		point648	648	781,331.3	848,607.1	1,390.20				Average	
		point649	649	781,498.2	848,717.3	1,389.80				Average	
		point650	650	781,660.1	848,834.7	1,390.90				Average	
		point651	651	781,816.8	848,959.0	1,391.10				Average	
		point652	652	781,967.9	849,089.9	1,393.20				Average	
		point653	653	782,113.2	849,227.3	1,394.40				Average	
		point654	654	782,252.5	849,370.9	1,397.10				Average	
		point655	655	782,385.4	849,520.3	1,399.00					
SR202_EB_Out_6	36.0	point2898	2898	782,421.0	849,525.3	1,399.30				Average	
		point764	764	782,546.4	849,681.1	1,400.20				Average	
		point763	763	782,665.0	849,842.1	1,401.00				Average	
		point762	762	782,776.5	850,008.1	1,402.00				Average	
		point761	761	782,880.8	850,178.8	1,401.50				Average	
		point760	760	782,977.6	850,353.8	1,400.50				Average	
		point759	759	783,066.7	850,532.8	1,399.30				Average	
		point758	758	783,148.1	850,715.4	1,397.80				Average	
		point757	757	783,221.5	850,901.5	1,396.80					
SR202_EB_In_6	36.0	point2899	2899	782,385.4	849,520.3	1,399.00				Average	
		point656	656	782,511.7	849,675.4	1,400.10				Average	
		point657	657	782,631.1	849,835.8	1,401.20				Average	
		point658	658	782,743.5	850,001.2	1,404.60				Average	
		point659	659	782,848.6	850,171.3	1,401.90				Average	
		point660	660	782,946.2	850,345.8	1,400.30				Average	
		point661	661	783,036.2	850,524.4	1,399.30				Average	
		point662	662	783,118.4	850,706.8	1,397.90				Average	
		point663	663	783,192.6	850,892.5	1,397.00					
SR202_WB_Out_6	36.0	point2900	2900	782,530.2	849,849.6	1,401.10				Average	
		point1125	1125	782,409.0	849,690.5	1,399.80				Average	

		point1126	1126	782,280.9	849,536.9	1,398.30				Average	
		point1127	1127	782,146.1	849,389.2	1,396.30				Average	
		point1128	1128	782,005.0	849,247.5	1,394.20				Average	
		point1129	1129	781,857.7	849,112.2	1,392.60				Average	
		point1130	1130	781,704.6	848,983.6	1,391.30				Average	
		point1131	1131	781,545.9	848,861.9	1,390.20				Average	
		point1132	1132	781,382.1	848,747.2	1,389.50				Average	
		point1133	1133	781,213.3	848,640.0	1,390.30				Average	
		point1134	1134	781,039.9	848,540.3	1,391.10				Average	
		point1135	1135	780,862.3	848,448.3	1,391.30				Average	Y
		point1136	1136	780,680.8	848,364.4	1,391.00				Average	Y
		point1137	1137	780,495.8	848,288.5	1,390.60				Average	Y
		point1138	1138	780,307.9	848,220.0	1,386.80				Average	
		point1139	1139	780,119.5	848,152.9	1,384.30				Average	
		point1140	1140	779,931.1	848,085.8	1,381.10				Average	
		point1141	1141	779,742.7	848,018.7	1,379.30				Average	
		point1142	1142	779,554.3	847,951.6	1,375.90				Average	
		point1143	1143	779,365.9	847,884.5	1,373.60				Average	
		point1144	1144	779,177.4	847,817.4	1,370.30				Average	
		point1145	1145	778,989.0	847,750.3	1,367.70				Average	
		point1146	1146	778,800.4	847,683.9	1,365.10					
SR202_WB_ln_6	36.0	point2901	2901	782,496.1	849,763.4	1,400.40				Average	
		point951	951	782,371.8	849,606.7	1,399.70				Average	
		point950	950	782,240.7	849,455.7	1,397.50				Average	
		point949	949	782,103.2	849,310.5	1,395.20				Average	
		point948	948	781,959.3	849,171.5	1,393.80				Average	
		point947	947	781,809.6	849,039.0	1,391.50				Average	
		point946	946	781,654.1	848,913.2	1,390.70				Average	
		point945	945	781,493.2	848,794.4	1,389.90				Average	
		point944	944	781,327.3	848,682.8	1,390.00				Average	
		point943	943	781,156.7	848,578.5	1,390.70				Average	
		point942	942	780,981.6	848,481.9	1,390.90				Average	
		point941	941	780,802.4	848,393.0	1,391.60				Average	Y
		point940	940	780,619.5	848,312.1	1,391.00				Average	Y
		point939	939	780,433.2	848,239.4	1,389.90				Average	Y
		point938	938	780,244.9	848,172.1	1,385.80				Average	
		point937	937	780,056.5	848,105.0	1,383.20				Average	
		point936	936	779,868.1	848,037.9	1,380.50				Average	
		point935	935	779,679.7	847,970.8	1,377.70				Average	

		point934	934	779,491.3	847,903.7	1,374.80				Average	
		point933	933	779,302.9	847,836.6	1,372.20				Average	
		point932	932	779,114.5	847,769.5	1,369.10				Average	
		point931	931	778,926.1	847,702.3	1,366.70				Average	
		point930	930	778,736.9	847,637.3	1,363.90					
SR202_EB_Out_7	36.0	point2902	2902	783,221.5	850,901.5	1,396.80				Average	
		point756	756	783,286.9	851,090.5	1,397.40				Average	
		point755	755	783,344.0	851,282.1	1,395.10				Average	
		point754	754	783,392.8	851,476.1	1,393.90				Average	
		point753	753	783,433.2	851,671.9	1,394.10				Average	
		point752	752	783,465.1	851,869.4	1,393.30				Average	
		point751	751	783,488.5	852,068.0	1,392.10				Average	
		point750	750	783,503.3	852,267.4	1,390.80				Average	
		point749	749	783,509.5	852,467.3	1,390.20				Average	
		point748	748	783,508.0	852,667.3	1,388.80					
SR202_EB_In_7	36.0	point2903	2903	783,192.6	850,892.5	1,397.00				Average	
		point664	664	783,258.6	851,081.2	1,397.40				Average	
		point665	665	783,316.5	851,272.7	1,395.10				Average	
		point666	666	783,365.9	851,466.4	1,393.90				Average	
		point667	667	783,407.0	851,662.2	1,394.10				Average	
		point668	668	783,439.5	851,859.5	1,393.40				Average	
		point669	669	783,463.4	852,058.0	1,392.40				Average	
		point670	670	783,478.7	852,257.4	1,390.90				Average	
		point671	671	783,485.3	852,457.3	1,390.40				Average	
		point672	672	783,484.1	852,657.3	1,388.80					
SR202_WB_Out_5	36.0	point2904	2904	783,275.5	851,475.0	1,394.00				Average	
		point1116	1116	783,225.4	851,281.4	1,395.30				Average	
		point1117	1117	783,166.9	851,090.2	1,397.60				Average	
		point1118	1118	783,099.9	850,901.8	1,397.50				Average	
		point1119	1119	783,024.6	850,716.5	1,398.20				Average	
		point1120	1120	782,941.3	850,534.7	1,399.30				Average	
		point1121	1121	782,850.0	850,356.8	1,400.50				Average	
		point1122	1122	782,750.9	850,183.1	1,401.80				Average	
		point1123	1123	782,644.2	850,013.9	1,401.50				Average	
		point1124	1124	782,530.2	849,849.6	1,401.10					
SR202_WB_In_5	36.0	point2905	2905	783,275.1	851,373.1	1,395.10				Average	
		point960	960	783,220.8	851,180.6	1,395.30				Average	
		point959	959	783,158.1	850,990.7	1,396.50				Average	
		point958	958	783,087.2	850,803.7	1,397.30				Average	

		point957	957	783,008.0	850,620.0	1,398.90				Average	
		point956	956	782,920.9	850,440.0	1,399.90				Average	
		point955	955	782,826.0	850,264.0	1,401.50				Average	
		point954	954	782,723.4	850,092.4	1,401.80				Average	
		point953	953	782,613.3	849,925.4	1,401.00				Average	
		point952	952	782,496.1	849,763.4	1,400.40					
SR202_EB_Out_8	36.0	point2906	2906	783,508.0	852,667.3	1,388.80				Average	
		point747	747	783,505.3	852,867.3	1,388.80				Average	
		point746	746	783,502.6	853,067.2	1,387.90				Average	
		point745	745	783,499.9	853,267.2	1,388.90				Average	
		point744	744	783,497.2	853,467.2	1,391.30				Average	
		point743	743	783,494.5	853,667.2	1,394.10				Average	
		point742	742	783,491.8	853,867.2	1,398.30				Average	
		point741	741	783,489.1	854,067.2	1,401.40				Average	
		point740	740	783,486.4	854,267.1	1,404.70				Average	
		point739	739	783,483.7	854,467.1	1,407.70				Average	
		point738	738	783,481.0	854,667.1	1,410.30				Average	
		point737	737	783,478.3	854,867.1	1,412.50				Average	
		point736	736	783,475.6	855,067.1	1,414.30				Average	Y
		point735	735	783,472.9	855,267.0	1,413.40				Average	Y
		point734	734	783,470.2	855,467.0	1,412.50				Average	
		point733	733	783,467.5	855,667.0	1,410.30				Average	
		point732	732	783,464.8	855,867.0	1,407.80				Average	
		point731	731	783,462.1	856,067.0	1,405.10				Average	
		point730	730	783,459.4	856,267.0	1,402.40				Average	
		point729	729	783,456.7	856,466.9	1,399.50				Average	
		point728	728	783,454.0	856,666.9	1,397.20				Average	
		point727	727	783,451.3	856,866.9	1,396.60				Average	
		point726	726	783,448.6	857,066.9	1,396.30				Average	
		point725	725	783,445.9	857,266.9	1,396.70				Average	
		point2878	2878	783,444.5	857,366.9	1,397.15					
SR202_EB_In_8	36.0	point2907	2907	783,484.1	852,657.3	1,388.80				Average	
		point673	673	783,481.4	852,857.3	1,388.80				Average	
		point674	674	783,478.7	853,057.3	1,388.00				Average	
		point675	675	783,476.0	853,257.3	1,388.80				Average	
		point676	676	783,473.3	853,457.2	1,391.20				Average	
		point677	677	783,470.6	853,657.2	1,394.00				Average	
		point678	678	783,467.9	853,857.2	1,398.20				Average	
		point679	679	783,465.2	854,057.2	1,401.10				Average	

		point680	680	783,462.5	854,257.2	1,404.70				Average	
		point681	681	783,459.8	854,457.1	1,407.50				Average	
		point682	682	783,457.1	854,657.1	1,410.10				Average	
		point683	683	783,454.4	854,857.1	1,412.10				Average	
		point684	684	783,451.7	855,057.1	1,414.30				Average	Y
		point685	685	783,449.0	855,257.1	1,413.50				Average	Y
		point686	686	783,446.3	855,457.1	1,412.80				Average	
		point687	687	783,443.6	855,657.0	1,410.40				Average	
		point688	688	783,440.9	855,857.0	1,407.80				Average	
		point689	689	783,438.2	856,057.0	1,405.20				Average	
		point690	690	783,435.5	856,257.0	1,402.40				Average	
		point691	691	783,432.8	856,457.0	1,399.60				Average	
		point692	692	783,430.1	856,656.9	1,397.20				Average	
		point693	693	783,427.4	856,856.9	1,396.30				Average	
		point694	694	783,424.7	857,056.9	1,396.20				Average	
		point695	695	783,422.0	857,256.9	1,396.60				Average	
		point2879	2879	783,420.6	857,356.9	1,397.05					
SR202_WB_Out_4	36.0	point2908	2908	783,394.0	852,665.7	1,388.80				Average	
		point1110	1110	783,395.4	852,465.8	1,390.20				Average	
		point1111	1111	783,389.0	852,265.9	1,390.90				Average	
		point1112	1112	783,373.8	852,066.5	1,392.40				Average	
		point1113	1113	783,349.8	851,867.9	1,393.40				Average	
		point1114	1114	783,317.0	851,670.7	1,394.20				Average	
		point1115	1115	783,275.5	851,475.0	1,394.00					
SR202_WB_In_4	36.0	point2910	2910	783,418.0	852,660.9	1,389.85				Average	
		point967	967	783,419.4	852,560.9	1,389.20				Average	
		point966	966	783,417.2	852,360.9	1,390.50				Average	
		point965	965	783,406.2	852,161.2	1,391.50				Average	
		point964	964	783,386.5	851,962.2	1,392.60				Average	
		point963	963	783,358.0	851,764.2	1,393.60				Average	
		point962	962	783,320.8	851,567.7	1,393.80				Average	
		point961	961	783,275.1	851,373.1	1,395.10					
SR202_EB_Out_9	36.0	point2911	2911	783,444.5	857,366.9	1,397.15				Average	
		point724	724	783,443.2	857,466.8	1,397.60				Average	
		point723	723	783,440.5	857,666.8	1,398.70				Average	
		point722	722	783,437.8	857,866.8	1,399.00				Average	
		point721	721	783,435.1	858,066.8	1,399.30				Average	
		point720	720	783,432.4	858,266.8	1,399.40				Average	
		point719	719	783,429.7	858,466.8	1,397.30				Average	

		point718	718	783,427.0	858,666.7	1,396.00					
SR202_EB_ln_9	36.0	point2912	2912	783,420.6	857,356.9	1,397.05				Average	
		point696	696	783,419.3	857,456.9	1,397.50				Average	
		point697	697	783,416.6	857,656.9	1,398.60				Average	
		point698	698	783,413.9	857,856.8	1,399.10				Average	
		point699	699	783,411.2	858,056.8	1,399.30				Average	
		point700	700	783,408.5	858,256.8	1,399.50				Average	
		point701	701	783,405.8	858,456.8	1,397.30				Average	
		point702	702	783,403.1	858,656.8	1,396.30					
SR202_WB_Out_3	36.0	point2915	2915	783,330.5	857,365.3	1,397.15				Average	
		point1086	1086	783,331.9	857,265.3	1,396.70				Average	
		point1087	1087	783,334.6	857,065.3	1,396.30				Average	
		point1088	1088	783,337.3	856,865.4	1,396.60				Average	
		point1089	1089	783,340.0	856,665.4	1,397.20				Average	
		point1090	1090	783,342.7	856,465.4	1,399.50				Average	
		point1091	1091	783,345.4	856,265.4	1,402.40				Average	
		point1092	1092	783,348.1	856,065.4	1,405.10				Average	
		point1093	1093	783,350.8	855,865.4	1,407.80				Average	
		point1094	1094	783,353.5	855,665.5	1,410.30				Average	
		point1095	1095	783,356.2	855,465.5	1,412.50				Average	
		point1096	1096	783,358.9	855,265.5	1,413.40				Average	Y
		point1097	1097	783,361.6	855,065.5	1,414.30				Average	Y
		point1098	1098	783,364.3	854,865.5	1,412.50				Average	
		point1099	1099	783,367.0	854,665.6	1,410.30				Average	
		point1100	1100	783,369.7	854,465.6	1,407.70				Average	
		point1101	1101	783,372.4	854,265.6	1,404.70				Average	
		point1102	1102	783,375.1	854,065.6	1,401.40				Average	
		point1103	1103	783,377.8	853,865.6	1,398.30				Average	
		point1104	1104	783,380.5	853,665.6	1,394.10				Average	
		point1105	1105	783,383.2	853,465.7	1,391.30				Average	
		point1106	1106	783,385.9	853,265.7	1,388.90				Average	
		point1107	1107	783,388.6	853,065.7	1,387.90				Average	
		point1108	1108	783,391.3	852,865.7	1,388.80				Average	
		point1109	1109	783,394.0	852,665.7	1,388.80					
SR202_WB_ln_3	36.0	point2916	2916	783,354.6	857,360.4	1,397.40				Average	
		point990	990	783,357.3	857,160.4	1,396.30				Average	
		point989	989	783,360.0	856,960.5	1,397.10				Average	
		point988	988	783,362.7	856,760.5	1,396.00				Average	
		point987	987	783,365.4	856,560.5	1,398.20				Average	

		point986	986	783,368.1	856,360.5	1,400.90				Average	
		point985	985	783,370.8	856,160.5	1,403.90				Average	
		point984	984	783,373.5	855,960.5	1,407.70				Average	
		point983	983	783,376.2	855,760.6	1,409.60				Average	
		point982	982	783,378.9	855,560.6	1,410.70				Average	
		point981	981	783,381.6	855,360.6	1,414.30				Average	
		point2969	2969	783,383.0	855,260.6	1,414.20				Average	Y
		point980	980	783,384.3	855,160.6	1,414.10				Average	Y
		point2970	2970	783,385.6	855,060.6	1,414.00				Average	
		point979	979	783,387.0	854,960.6	1,413.90				Average	
		point978	978	783,389.7	854,760.7	1,410.90				Average	
		point977	977	783,392.4	854,560.7	1,409.00				Average	
		point976	976	783,395.1	854,360.7	1,406.40				Average	
		point975	975	783,397.8	854,160.7	1,402.70				Average	
		point974	974	783,400.5	853,960.7	1,399.30				Average	
		point973	973	783,403.2	853,760.7	1,395.70				Average	
		point972	972	783,405.9	853,560.8	1,392.50				Average	
		point971	971	783,408.6	853,360.8	1,389.50				Average	
		point970	970	783,411.3	853,160.8	1,388.20				Average	
		point969	969	783,414.0	852,960.8	1,388.30				Average	
		point968	968	783,416.7	852,760.8	1,390.50				Average	
		point2909	2909	783,418.0	852,660.9	1,389.85					
SR202_WB_Out_2	36.0	point2917	2917	783,313.0	858,665.2	1,396.00				Average	
		point1080	1080	783,315.7	858,465.2	1,397.30				Average	
		point1081	1081	783,318.4	858,265.2	1,399.40				Average	
		point1082	1082	783,321.1	858,065.2	1,399.30				Average	
		point1083	1083	783,323.8	857,865.3	1,399.00				Average	
		point1084	1084	783,326.5	857,665.3	1,398.70				Average	
		point2913	2913	783,329.2	857,465.3	1,397.60				Average	
		point2877	2877	783,330.5	857,365.3	1,397.15					
SR202_WB_In_2	36.0	point2918	2918	783,337.0	858,660.3	1,396.05				Average	
		point997	997	783,338.4	858,560.3	1,396.60				Average	
		point996	996	783,341.1	858,360.3	1,397.80				Average	
		point995	995	783,343.8	858,160.3	1,399.30				Average	
		point994	994	783,346.5	857,960.4	1,399.50				Average	
		point993	993	783,349.2	857,760.4	1,399.30				Average	
		point992	992	783,351.9	857,560.4	1,398.40				Average	
		point991	991	783,354.6	857,360.4	1,397.40					
SR202_EB_Out_10	36.0	point2919	2919	783,427.0	858,666.7	1,396.00				Average	

		point717	717	783,424.3	858,866.7	1,394.60				Average	
		point716	716	783,421.6	859,066.7	1,393.50				Average	
		point715	715	783,418.9	859,266.7	1,392.50				Average	
		point714	714	783,416.2	859,466.7	1,391.30				Average	
		point713	713	783,413.5	859,666.6	1,390.30				Average	
		point712	712	783,410.8	859,866.6	1,388.70				Average	
		3220+00.0	1251	783,408.1	860,066.6	1,387.50				Average	
		3222+00.0	1252	783,405.4	860,266.6	1,386.50				Average	
		3224+00.0	1253	783,402.7	860,466.6	1,386.40				Average	
		3225+98.7	1254	783,398.8	860,666.5	1,385.30				Average	
		3227+96.4	1255	783,387.2	860,866.2	1,385.50				Average	
		3229+94.1	1256	783,366.9	861,065.1	1,387.30				Average	
		3231+91.8	1257	783,337.9	861,263.0	1,391.50					
SR202_EB_In_10	36.0	point2920	2920	783,403.1	858,656.8	1,396.30				Average	
		point703	703	783,400.4	858,856.7	1,394.70				Average	
		point704	704	783,397.7	859,056.7	1,393.50				Average	
		point705	705	783,395.0	859,256.7	1,392.50				Average	
		point706	706	783,392.3	859,456.7	1,391.50				Average	
		point707	707	783,389.6	859,656.7	1,390.30				Average	
		point708	708	783,386.9	859,856.7	1,388.60				Average	
		point709	709	783,384.2	860,056.6	1,387.60				Average	
		3220+00.0	1219	783,384.1	860,066.3	1,387.50				Average	
		3222+00.0	1220	783,381.4	860,266.3	1,386.50				Average	
		3224+00.0	1221	783,378.7	860,466.2	1,386.40				Average	
		3225+99.3	1222	783,374.8	860,666.2	1,385.30				Average	
		3227+98.0	1223	783,363.2	860,865.8	1,385.50				Average	
		3229+96.7	1224	783,342.9	861,064.8	1,387.30				Average	
		3231+95.4	1225	783,313.9	861,262.7	1,391.50					
Hawes Rd SB_up	24.0	point2959	2959	780,649.0	848,962.8	1,369.10				Average	
		point2960	2960	780,645.5	848,598.5	1,367.80					
Hawes Rd NB_up	24.0	point2968	2968	780,711.6	847,274.4	1,367.10				Average	
		point2964	2964	780,724.9	848,006.8	1,366.70					
Guadalupe EB	36.0	point3022	3022	783,128.7	860,435.6	1,405.40				Average	Y
		a 3223+66	59	783,547.1	860,434.5	1,408.90					
Guadalupe EB_down	36.0	point3023	3023	783,547.1	860,434.5	1,408.90				Average	Y
		a 3223+59	60	783,938.2	860,433.6	1,410.60				Average	
		point1484	1484	784,204.9	860,436.5	1,412.65					
Guadalupe WB	36.0	point3024	3024	783,555.9	860,507.4	1,409.50				Average	Y
		a 3224+56	67	783,125.2	860,516.4	1,405.30					

Guadalupe WB_down	36.0	point3025	3025	783,125.2	860,516.4	1,405.30				Average	Y
		a 3224+50	68	782,942.8	860,511.4	1,404.10				Average	
		a 3224+48	69	782,410.9	860,501.5	1,401.40					
Elliot Rd EB	36.0	point3026	3026	783,199.3	855,165.1	1,390.20				Average	
		point2820	2820	783,613.6	855,158.0	1,390.20					
Elliot Rd EB_down	36.0	point3027	3027	783,613.6	855,158.0	1,390.20				Average	
		point2821	2821	783,886.8	855,158.2	1,391.80				Average	
		point2822	2822	784,083.0	855,162.5	1,393.30					
Elliot Rd WB	36.0	point3028	3028	783,628.2	855,235.9	1,389.80				Average	
		point2826	2826	783,212.2	855,244.8	1,389.70					
Elliot Rd WB_down	36.0	point3029	3029	783,212.2	855,244.8	1,389.70				Average	
		point2827	2827	782,967.1	855,241.4	1,389.30				Average	
		point2828	2828	782,743.3	855,235.0	1,388.10					
Hawes Rd NB	24.0	point3030	3030	780,724.9	848,006.8	1,366.70				Average	
		point2965	2965	780,722.1	848,593.8	1,367.90					
Hawes Rd NB_down	24.0	point3031	3031	780,722.1	848,593.8	1,367.90				Average	
		point2966	2966	780,719.3	848,957.3	1,369.70					
Hawes Rd SB	24.0	point3032	3032	780,645.5	848,598.5	1,367.80				Average	
		point2961	2961	780,643.4	848,016.2	1,366.40					
Hawes Rd SB_down	24.0	point3033	3033	780,643.4	848,016.2	1,366.40				Average	
		point2962	2962	780,654.5	847,274.9	1,367.00					
SR202EBtoSR24EB_down	12.0	point3040	3040	779,703.6	847,561.3	1,373.30				Average	
		32+00.000	1628	779,896.3	847,614.6	1,377.80				Average	
		34+00.000	1629	780,089.1	847,667.9	1,383.80				Average	
		36+00.000	1630	780,281.9	847,721.3	1,388.50				Average	
		38+00.000	1631	780,475.3	847,772.0	1,391.40				Average	Y
		40+00.000	1632	780,672.8	847,802.4	1,392.60				Average	Y
		42+00.000	1633	780,872.6	847,808.4	1,392.10				Average	Y
		44+00.000	1634	781,071.7	847,790.0	1,389.80				Average	
		46+00.000	1635	781,267.0	847,747.5	1,386.40				Average	
		48+00.000	1636	781,455.6	847,681.5	1,385.40				Average	
		50+00.000	1637	781,634.9	847,593.0	1,387.60				Average	
		52+00.000	1638	781,802.0	847,483.4	1,392.10				Average	
		54+00.000	1639	781,954.5	847,354.2	1,395.20				Average	
		56+00.000	1640	782,090.1	847,207.3	1,396.30				Average	
		58+00.000	1641	782,206.8	847,045.1	1,395.30				Average	
		60+00.000	2694	782,283.4	846,922.4	1,393.60				Average	
		60+00.000	1642	782,373.8	846,778.9	1,391.00					
SR24WBtoSR202EB-2	24.0	point3044	3044	782,614.8	846,689.4	1,380.40				Average	

		44+00.000	1552	782,509.7	846,859.6	1,378.80				Average	
		42+00.000	1551	782,413.5	847,034.8	1,377.70				Average	
		40+00.000	1550	782,332.9	847,217.8	1,377.00				Average	
		38+00.000	1549	782,268.6	847,407.1	1,376.70				Average	
		36+00.000	1548	782,221.0	847,601.3	1,377.00				Average	
		34+00.000	1547	782,190.5	847,798.9	1,377.70				Average	
		32+00.000	1546	782,177.4	847,998.4	1,378.90				Average	
		30+00.000	1545	782,181.7	848,198.3	1,380.50				Average	
		28+00.000	1544	782,203.4	848,397.1	1,382.60				Average	
		26+00.000	1543	782,242.4	848,593.2	1,385.20				Average	
		24+00.000	1542	782,298.3	848,785.1	1,387.90				Average	
		22+00.000	1541	782,370.7	848,971.5	1,390.60				Average	
		20+00.000	1540	782,457.9	849,151.5	1,393.30				Average	
		18+00.000	1539	782,547.8	849,330.1	1,395.90				Average	
		16+00.000	1538	782,637.8	849,508.7	1,398.60				Average	
		14+00.000	1537	782,727.8	849,687.3	1,401.10				Average	
		12+00.000	1536	782,817.8	849,865.9	1,402.90				Average	
		10+00.000	1535	782,907.8	850,044.6	1,404.00				Average	
		8+00.000	1534	782,993.0	850,225.4	1,404.40				Average	
		6+00.000	1533	783,068.7	850,410.5	1,404.10				Average	
		4+00.000	1532	783,135.9	850,598.9	1,403.20				Average	
		2+00.000	1531	783,195.9	850,783.4	1,401.20				Average	
		0+00.000	1530	783,229.2	850,898.4	1,396.80					
SR202EBtoSR24EB-2	12.0	point3045	3045	778,735.3	847,312.7	1,366.90				Average	
		22+00.000	1623	778,931.0	847,353.8	1,367.80				Average	
		24+00.000	1624	779,125.2	847,401.7	1,368.60				Average	
		26+00.000	1625	779,318.1	847,454.7	1,369.50				Average	
		28+00.000	1626	779,510.8	847,508.0	1,370.60				Average	
		30+00.000	1627	779,703.6	847,561.3	1,373.30					
SR202_WB_Out_1	36.0	3232+09.3	3047	783,223.9	861,261.5	1,391.50				Average	
		3230+06.6	3048	783,252.9	861,063.6	1,387.30				Average	
		3228+04.0	3049	783,273.2	860,864.6	1,385.60				Average	
		3226+01.3	3050	783,284.8	860,665.0	1,385.20				Average	
		3224+00.0	3051	783,288.7	860,465.0	1,386.40				Average	
		3222+00.0	3052	783,291.4	860,265.0	1,386.50				Average	
		point1072	3053	783,294.1	860,065.1	1,387.50				Average	
		point1073	3054	783,296.8	859,865.1	1,388.70				Average	
		point1074	3055	783,299.5	859,665.1	1,390.30				Average	
		point1075	3056	783,302.2	859,465.1	1,391.30				Average	

		point1076	3057	783,304.9	859,265.1	1,392.50				Average	
		point1077	3058	783,307.6	859,065.2	1,393.50				Average	
		point1078	3059	783,310.3	858,865.2	1,394.60				Average	
		point1079	3060	783,313.0	858,665.2	1,396.00					
SR202WBtoSR24EB-2	24.0	point3063	3063	781,486.7	848,942.2	1,438.55				Average	Y
		point3061	3061	781,455.2	848,888.9	1,440.10				Average	Y
		34+00.000	1594	781,404.9	848,802.7	1,443.20				Average	Y
		36+00.000	1595	781,334.0	848,616.0	1,447.50				Average	Y
		38+00.000	1596	781,294.9	848,420.1	1,449.40				Average	Y
		40+00.000	1597	781,288.6	848,220.4	1,449.00				Average	Y
		42+00.000	1598	781,315.4	848,022.4	1,446.20				Average	Y
		44+00.000	1599	781,374.5	847,831.6	1,441.00				Average	Y
		46+00.000	1600	781,464.3	847,653.1	1,433.80				Average	Y
		48+00.000	1601	781,582.3	847,491.9	1,426.00				Average	
		50+00.000	1602	781,719.3	847,346.3	1,418.30				Average	
		52+00.000	1603	781,857.4	847,201.6	1,410.60				Average	
		54+00.000	1604	781,995.4	847,056.9	1,402.90				Average	
		56+00.000	1605	782,131.5	846,910.3	1,395.40				Average	
		58+00.000	1606	782,263.2	846,759.8	1,390.10				Average	
		60+00.000	1607	782,390.5	846,605.5	1,387.00					

AZTEC **1 May 2025**
AZTEC **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **F0719 SR24, SR 202L to Ironwood Drive**
RUN: **SR24, 2050 Build**

Roadway	Points		Segment									
Name	Name	No.	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Guadalupe EB OnRamp	Guad Ramp1_	26	1075	50	62	50	22	50	0	0	0	0
	Guad Ramp1_	27	1075	50	62	50	22	50	0	0	0	0
	Guad Ramp1_	28	1075	50	62	50	22	50	0	0	0	0
	Guad Ramp1_	29	1075	50	62	50	22	50	0	0	0	0
	Guad Ramp1_	30										
Guadalupe EB OffRamp	0+00.000	1365	639	50	35	50	5	50	0	0	0	0
	2+00.000	1366	639	50	35	50	5	50	0	0	0	0
	4+00.000	1367	639	50	35	50	5	50	0	0	0	0
	6+00.000	1368	639	50	35	50	5	50	0	0	0	0
	8+00.000	1369	639	50	35	50	5	50	0	0	0	0
	10+00.000	1370	639	50	35	50	5	50	0	0	0	0
	12+00.000	1371	639	50	35	50	5	50	0	0	0	0
	14+00.000	1372	639	50	35	50	5	50	0	0	0	0
	16+00.000	1373	639	50	35	50	5	50	0	0	0	0
	18+00.000	1374										
Elliot WB OffRamp	21+68.790	1387	1419	50	101	50	19	50	0	0	0	0
	20+00.000	1386	1419	50	101	50	19	50	0	0	0	0
	18+00.000	1385	1419	50	101	50	19	50	0	0	0	0
	16+00.000	1384	1419	50	101	50	19	50	0	0	0	0
	14+00.000	1383	1419	50	101	50	19	50	0	0	0	0
	12+00.000	1382	1419	50	101	50	19	50	0	0	0	0
	10+00.000	1381	1419	50	101	50	19	50	0	0	0	0
	8+00.000	1380	1419	50	101	50	19	50	0	0	0	0

	6+00.000	1379	1419	50	101	50	19	50	0	0	0	0
	4+00.000	1378	1419	50	101	50	19	50	0	0	0	0
	2+00.000	1377	1419	50	101	50	19	50	0	0	0	0
	0+00.000	1376										
Elliot EB OnRamp	0+00.000	1388	1233	50	86	50	18	50	0	0	0	0
	2+00.000	1389	1233	50	86	50	18	50	0	0	0	0
	4+00.000	1390	1233	50	86	50	18	50	0	0	0	0
	6+00.000	1391	1233	50	86	50	18	50	0	0	0	0
	8+00.000	1392	1233	50	86	50	18	50	0	0	0	0
	10+00.000	1393	1233	50	86	50	18	50	0	0	0	0
	12+00.000	1394	1233	50	86	50	18	50	0	0	0	0
	14+00.000	1395	1233	50	86	50	18	50	0	0	0	0
	16+00.000	1396	1233	50	86	50	18	50	0	0	0	0
	18+00.000	1397	1233	50	86	50	18	50	0	0	0	0
	20+00.000	1398	1233	50	86	50	18	50	0	0	0	0
	21+28.215	1399										
Elliot WB OnRamp	24+00.000	1412	730	50	30	50	6	50	0	0	0	0
	22+00.000	1411	730	50	30	50	6	50	0	0	0	0
	20+00.000	1410	730	50	30	50	6	50	0	0	0	0
	18+00.000	1409	730	50	30	50	6	50	0	0	0	0
	16+00.000	1408	730	50	30	50	6	50	0	0	0	0
	14+00.000	1407	730	50	30	50	6	50	0	0	0	0
	12+00.000	1406	730	50	30	50	6	50	0	0	0	0
	10+00.000	1405	730	50	30	50	6	50	0	0	0	0
	8+00.000	1404	730	50	30	50	6	50	0	0	0	0
	6+00.000	1403	730	50	30	50	6	50	0	0	0	0
	4+00.000	1402	730	50	30	50	6	50	0	0	0	0
	2+00.000	1401	730	50	30	50	6	50	0	0	0	0
	0+00.000	1400										
Elliot EB OffRamp	10+00.000	1414	814	50	34	50	7	50	0	0	0	0
	12+00.000	1415	814	50	34	50	7	50	0	0	0	0
	14+00.000	1416	814	50	34	50	7	50	0	0	0	0
	16+00.000	1417	814	50	34	50	7	50	0	0	0	0
	18+00.000	1418	814	50	34	50	7	50	0	0	0	0
	20+00.000	1419	814	50	34	50	7	50	0	0	0	0
	22+00.000	1420	814	50	34	50	7	50	0	0	0	0

	24+00.000	1421	814	50	34	50	7	50	0	0	0	0
	26+00.000	1422	814	50	34	50	7	50	0	0	0	0
	28+00.000	1423	814	50	34	50	7	50	0	0	0	0
	30+00.000	1424	814	50	34	50	7	50	0	0	0	0
	32+00.000	1425	814	50	34	50	7	50	0	0	0	0
	34+00.000	1426										
SR202_WB_Out2	3206+00.011	1450	2884	70	267	70	48	70	0	0	0	0
	3204+00.011	1451	2884	70	267	70	48	70	0	0	0	0
	3202+00.011	1452	2884	70	267	70	48	70	0	0	0	0
	3200+00.011	1453	2884	70	267	70	48	70	0	0	0	0
	3198+00.011	1454	2884	70	267	70	48	70	0	0	0	0
	3196+00.011	1455	2884	70	267	70	48	70	0	0	0	0
	3194+00.011	1456	2884	70	267	70	48	70	0	0	0	0
	3192+99.738	1457										
SR202_EB_Out2	3193+12.796	1458	2805	70	256	70	48	70	0	0	0	0
	3195+12.796	1459	2805	70	256	70	48	70	0	0	0	0
	3197+12.796	1460	2805	70	256	70	48	70	0	0	0	0
	3199+12.796	1461	2805	70	256	70	48	70	0	0	0	0
	3201+12.796	1462	2805	70	256	70	48	70	0	0	0	0
	3203+12.796	1463	2805	70	256	70	48	70	0	0	0	0
	3204+99.338	1464										
Guadalupe EB_up	point1482	1482	1262	50	31	50	5	50	0	0	0	0
	a 3223+86.59	57	1262	50	31	50	5	50	0	0	0	0
	a 3223+72.68	58										
Guadalupe WB_up	point1487	1487	2258	50	92	50	26	50	0	0	0	0
	a 3224+30.28	65	2258	50	92	50	26	50	0	0	0	0
	a 3224+36.79	66										
Guadalupe WB OnRamp	point1488	1488	699	50	38	50	5	50	0	0	0	0
	4+00.000	1362	699	50	38	50	5	50	0	0	0	0
	6+00.000	1361	699	50	38	50	5	50	0	0	0	0
	8+00.000	1360	699	50	38	50	5	50	0	0	0	0
	10+00.000	1359	699	50	38	50	5	50	0	0	0	0
	12+00.000	1358	699	50	38	50	5	50	0	0	0	0
	14+00.000	1357	699	50	38	50	5	50	0	0	0	0
	16+00.000	1356	699	50	38	50	5	50	0	0	0	0
	18+00.000	1355										

SR24WBtoSR202WB	78+00.000	1529	2686	60	248	60	50	60	0	0	0	0
	76+00.000	1528	2686	60	248	60	50	60	0	0	0	0
	74+00.000	1527	2686	60	248	60	50	60	0	0	0	0
	72+00.000	1526	2686	60	248	60	50	60	0	0	0	0
	70+00.000	1525	2686	60	248	60	50	60	0	0	0	0
	68+00.000	1524	2686	60	248	60	50	60	0	0	0	0
	66+00.000	1523	2686	60	248	60	50	60	0	0	0	0
	64+00.000	1522	2686	60	248	60	50	60	0	0	0	0
	62+00.000	1521	2686	60	248	60	50	60	0	0	0	0
	60+00.000	1520	2686	60	248	60	50	60	0	0	0	0
	58+00.000	1519	2686	60	248	60	50	60	0	0	0	0
	56+00.000	1518	2686	60	248	60	50	60	0	0	0	0
	54+00.000	1517	2686	60	248	60	50	60	0	0	0	0
	52+00.000	1516	2686	60	248	60	50	60	0	0	0	0
	50+00.000	1515	2686	60	248	60	50	60	0	0	0	0
	48+00.000	1514	2686	60	248	60	50	60	0	0	0	0
	46+00.000	1513	2686	60	248	60	50	60	0	0	0	0
	44+00.000	1512	2686	60	248	60	50	60	0	0	0	0
	42+00.000	1511	2686	60	248	60	50	60	0	0	0	0
	40+00.000	1510	2686	60	248	60	50	60	0	0	0	0
	38+00.000	1509	2686	60	248	60	50	60	0	0	0	0
	36+00.000	1508	2686	60	248	60	50	60	0	0	0	0
	34+00.000	1507	2686	60	248	60	50	60	0	0	0	0
	32+00.000	1506	2686	60	248	60	50	60	0	0	0	0
	30+00.000	1505	2686	60	248	60	50	60	0	0	0	0
	28+00.000	1504	2686	60	248	60	50	60	0	0	0	0
	26+00.000	1503										
SR202WBtoSR24EB	0+00.000	1577	4440	60	439	60	82	60	0	0	0	0
	2+00.000	1578	4440	60	439	60	82	60	0	0	0	0
	4+00.000	1579	4440	60	439	60	82	60	0	0	0	0
	6+00.000	1580	4440	60	439	60	82	60	0	0	0	0
	8+00.000	1581	4440	60	439	60	82	60	0	0	0	0
	10+00.000	1582	4440	60	439	60	82	60	0	0	0	0
	12+00.000	1583	4440	60	439	60	82	60	0	0	0	0
	14+00.000	1584	4440	60	439	60	82	60	0	0	0	0
	16+00.000	1585	4440	60	439	60	82	60	0	0	0	0

	18+00.000	1586	4440	60	439	60	82	60	0	0	0	0
	20+00.000	1587	4440	60	439	60	82	60	0	0	0	0
	22+00.000	1588	4440	60	439	60	82	60	0	0	0	0
	24+00.000	1589	4440	60	439	60	82	60	0	0	0	0
	26+00.000	1590	4440	60	439	60	82	60	0	0	0	0
	28+00.000	1591	4440	60	439	60	82	60	0	0	0	0
	30+00.000	1592	4440	60	439	60	82	60	0	0	0	0
	32+00.000	1593	4440	60	439	60	82	60	0	0	0	0
	point3062	3062										
SR202EBtoEllsworth	10+00.000	1643	122	60	8	60	1	60	0	0	0	0
	12+00.000	1644	122	60	8	60	1	60	0	0	0	0
	14+00.000	1645	122	60	8	60	1	60	0	0	0	0
	16+00.000	1646	122	60	8	60	1	60	0	0	0	0
	18+00.000	1647	122	60	8	60	1	60	0	0	0	0
	20+00.000	1648	122	60	8	60	1	60	0	0	0	0
	22+00.000	1649	122	60	8	60	1	60	0	0	0	0
	24+00.000	1650	122	60	8	60	1	60	0	0	0	0
	26+00.000	1651	122	60	8	60	1	60	0	0	0	0
	28+00.000	1652	122	60	8	60	1	60	0	0	0	0
	30+00.000	1653	122	60	8	60	1	60	0	0	0	0
	32+00.000	1654	122	60	8	60	1	60	0	0	0	0
	34+00.000	1655	122	60	8	60	1	60	0	0	0	0
	36+00.000	1656	122	60	8	60	1	60	0	0	0	0
	38+00.000	1657	122	60	8	60	1	60	0	0	0	0
	40+00.000	1658										
Hawes Rd RampB	0+00.000	2774	706	50	49	50	10	50	0	0	0	0
	2+00.000	2775	706	50	49	50	10	50	0	0	0	0
	4+00.000	2776	706	50	49	50	10	50	0	0	0	0
	6+00.000	2777	706	50	49	50	10	50	0	0	0	0
	8+00.000	2778	706	50	49	50	10	50	0	0	0	0
	10+00.000	2779	706	50	49	50	10	50	0	0	0	0
	12+00.000	2780	706	50	49	50	10	50	0	0	0	0
	13+99.986	2781	706	50	49	50	10	50	0	0	0	0
	15+99.970	2782	706	50	49	50	10	50	0	0	0	0
	17+99.968	2783	706	50	49	50	10	50	0	0	0	0
	19+99.968	2784	706	50	49	50	10	50	0	0	0	0

	21+98.549	2785										
Elliot Rd EB_up	point2817	2817	1113	50	37	50	5	50	0	0	0	0
	point2818	2818	1113	50	37	50	5	50	0	0	0	0
	point2819	2819										
Elliot Rd WB_up	point2830	2830	2152	50	101	50	23	50	0	0	0	0
	point2824	2824	2152	50	101	50	23	50	0	0	0	0
	point2825	2825										
Guadalupe WB OffRamp	point2836	2836	1102	50	60	50	25	50	0	0	0	0
	Guad Ramp2_	136	1102	50	60	50	25	50	0	0	0	0
	Guad Ramp2_	137	1102	50	60	50	25	50	0	0	0	0
	Guad Ramp2_	138	1102	50	60	50	25	50	0	0	0	0
	Guad Ramp2_	139										
SR202_WB_In_1	3232+05.554	1289	3976	70	382	70	69	70	0	0	0	0
	3230+03.985	1288	3976	70	382	70	69	70	0	0	0	0
	3228+02.408	1287	3976	70	382	70	69	70	0	0	0	0
	3226+00.827	1286	3976	70	382	70	69	70	0	0	0	0
	3224+00.000	1285	3976	70	382	70	69	70	0	0	0	0
	3222+00.000	1284	3976	70	382	70	69	70	0	0	0	0
	point1005	1005	3976	70	382	70	69	70	0	0	0	0
	point1004	1004	3976	70	382	70	69	70	0	0	0	0
	point1003	1003	3976	70	382	70	69	70	0	0	0	0
	point1002	1002	3976	70	382	70	69	70	0	0	0	0
	point1001	1001	3976	70	382	70	69	70	0	0	0	0
	point1000	1000	3976	70	382	70	69	70	0	0	0	0
	point999	999	3976	70	382	70	69	70	0	0	0	0
	point998	998	3976	70	382	70	69	70	0	0	0	0
	point2881	2881										
Hawes Rd RampD	point2851	2851	766	50	69	50	12	50	0	0	0	0
	24+22.548	2787	766	50	69	50	12	50	0	0	0	0
	26+22.167	2788	766	50	69	50	12	50	0	0	0	0
	28+21.845	2789	766	50	69	50	12	50	0	0	0	0
	30+21.738	2790	766	50	69	50	12	50	0	0	0	0
	32+21.648	2791	766	50	69	50	12	50	0	0	0	0
	34+21.648	2792	766	50	69	50	12	50	0	0	0	0
	36+21.648	2793	766	50	69	50	12	50	0	0	0	0
	38+01.648	2794	766	50	69	50	12	50	0	0	0	0

	40+21.648	2795	766	50	69	50	12	50	0	0	0	0
	42+21.648	2796	766	50	69	50	12	50	0	0	0	0
	44+21.648	2797	766	50	69	50	12	50	0	0	0	0
	46+32.821	2798										
Hawes Rd RampC	0+00.000	2852	976	50	105	50	18	50	0	0	0	0
	2+00.000	2853	976	50	105	50	18	50	0	0	0	0
	4+00.000	2854	976	50	105	50	18	50	0	0	0	0
	6+00.000	2855	976	50	105	50	18	50	0	0	0	0
	8+00.000	2856	976	50	105	50	18	50	0	0	0	0
	10+00.000	2857	976	50	105	50	18	50	0	0	0	0
	12+00.000	2858	976	50	105	50	18	50	0	0	0	0
	14+00.000	2859	976	50	105	50	18	50	0	0	0	0
	16+00.000	2860	976	50	105	50	18	50	0	0	0	0
	18+00.000	2861	976	50	105	50	18	50	0	0	0	0
	20+00.000	2862	976	50	105	50	18	50	0	0	0	0
	22+00.000	2863	976	50	105	50	18	50	0	0	0	0
	24+00.000	2864										
Hawes Rd RampA	0+00.000	2865	339	50	28	50	6	50	0	0	0	0
	2+00.000	2866	339	50	28	50	6	50	0	0	0	0
	4+00.000	2867	339	50	28	50	6	50	0	0	0	0
	6+00.000	2868	339	50	28	50	6	50	0	0	0	0
	8+00.000	2869	339	50	28	50	6	50	0	0	0	0
	10+00.000	2870	339	50	28	50	6	50	0	0	0	0
	12+00.000	2871	339	50	28	50	6	50	0	0	0	0
	14+00.000	2872	339	50	28	50	6	50	0	0	0	0
	16+00.000	2873	339	50	28	50	6	50	0	0	0	0
	18+00.000	2874	339	50	28	50	6	50	0	0	0	0
	20+00.000	2875	339	50	28	50	6	50	0	0	0	0
	22+00.000	2876										
SR202_EB_Out_5	point2894	2894	1301	70	92	70	15	70	0	0	0	0
	point786	786	1301	70	92	70	15	70	0	0	0	0
	point785	785	1301	70	92	70	15	70	0	0	0	0
	point784	784	1301	70	92	70	15	70	0	0	0	0
	point783	783	1301	70	92	70	15	70	0	0	0	0
	point782	782	1301	70	92	70	15	70	0	0	0	0
	point781	781	1301	70	92	70	15	70	0	0	0	0

	point780	780	1301	70	92	70	15	70	0	0	0	0
	point779	779	1301	70	92	70	15	70	0	0	0	0
	point778	778	1301	70	92	70	15	70	0	0	0	0
	point777	777	1301	70	92	70	15	70	0	0	0	0
	point776	776	1301	70	92	70	15	70	0	0	0	0
	point775	775	1301	70	92	70	15	70	0	0	0	0
	point774	774	1301	70	92	70	15	70	0	0	0	0
	point773	773	1301	70	92	70	15	70	0	0	0	0
	point772	772	1301	70	92	70	15	70	0	0	0	0
	point771	771	1301	70	92	70	15	70	0	0	0	0
	point770	770	1301	70	92	70	15	70	0	0	0	0
	point769	769	1301	70	92	70	15	70	0	0	0	0
	point768	768	1301	70	92	70	15	70	0	0	0	0
	point767	767	1301	70	92	70	15	70	0	0	0	0
	point766	766	1301	70	92	70	15	70	0	0	0	0
	point765	765										
SR202_EB_In_5	point2895	2895	1301	70	92	70	15	70	0	0	0	0
	point634	634	1301	70	92	70	15	70	0	0	0	0
	point635	635	1301	70	92	70	15	70	0	0	0	0
	point636	636	1301	70	92	70	15	70	0	0	0	0
	point637	637	1301	70	92	70	15	70	0	0	0	0
	point638	638	1301	70	92	70	15	70	0	0	0	0
	point639	639	1301	70	92	70	15	70	0	0	0	0
	point640	640	1301	70	92	70	15	70	0	0	0	0
	point641	641	1301	70	92	70	15	70	0	0	0	0
	point642	642	1301	70	92	70	15	70	0	0	0	0
	point643	643	1301	70	92	70	15	70	0	0	0	0
	point644	644	1301	70	92	70	15	70	0	0	0	0
	point645	645	1301	70	92	70	15	70	0	0	0	0
	point646	646	1301	70	92	70	15	70	0	0	0	0
	point647	647	1301	70	92	70	15	70	0	0	0	0
	point648	648	1301	70	92	70	15	70	0	0	0	0
	point649	649	1301	70	92	70	15	70	0	0	0	0
	point650	650	1301	70	92	70	15	70	0	0	0	0
	point651	651	1301	70	92	70	15	70	0	0	0	0
	point652	652	1301	70	92	70	15	70	0	0	0	0

	point653	653	1301	70	92	70	15	70	0	0	0	0
	point654	654	1301	70	92	70	15	70	0	0	0	0
	point655	655										
SR202_EB_Out_6	point2898	2898	1684	70	127	70	21	70	0	0	0	0
	point764	764	1684	70	127	70	21	70	0	0	0	0
	point763	763	1684	70	127	70	21	70	0	0	0	0
	point762	762	1684	70	127	70	21	70	0	0	0	0
	point761	761	1684	70	127	70	21	70	0	0	0	0
	point760	760	1684	70	127	70	21	70	0	0	0	0
	point759	759	1684	70	127	70	21	70	0	0	0	0
	point758	758	1684	70	127	70	21	70	0	0	0	0
	point757	757										
SR202_EB_In_6	point2899	2899	1684	70	127	70	21	70	0	0	0	0
	point656	656	1684	70	127	70	21	70	0	0	0	0
	point657	657	1684	70	127	70	21	70	0	0	0	0
	point658	658	1684	70	127	70	21	70	0	0	0	0
	point659	659	1684	70	127	70	21	70	0	0	0	0
	point660	660	1684	70	127	70	21	70	0	0	0	0
	point661	661	1684	70	127	70	21	70	0	0	0	0
	point662	662	1684	70	127	70	21	70	0	0	0	0
	point663	663										
SR202_WB_Out_6	point2900	2900	1274	70	94	70	15	70	0	0	0	0
	point1125	1125	1274	70	94	70	15	70	0	0	0	0
	point1126	1126	1274	70	94	70	15	70	0	0	0	0
	point1127	1127	1274	70	94	70	15	70	0	0	0	0
	point1128	1128	1274	70	94	70	15	70	0	0	0	0
	point1129	1129	1274	70	94	70	15	70	0	0	0	0
	point1130	1130	1274	70	94	70	15	70	0	0	0	0
	point1131	1131	1274	70	94	70	15	70	0	0	0	0
	point1132	1132	1274	70	94	70	15	70	0	0	0	0
	point1133	1133	1274	0	94	70	15	70	0	0	0	0
	point1134	1134	1274	70	94	70	15	70	0	0	0	0
	point1135	1135	1274	70	94	70	15	70	0	0	0	0
	point1136	1136	1274	70	94	70	15	70	0	0	0	0
	point1137	1137	1274	70	94	70	15	70	0	0	0	0
	point1138	1138	1274	70	94	70	15	70	0	0	0	0

	point1139	1139	1274	70	94	70	15	70	0	0	0	0
	point1140	1140	1274	70	94	70	15	70	0	0	0	0
	point1141	1141	1274	70	94	70	15	70	0	0	0	0
	point1142	1142	1274	70	94	70	15	70	0	0	0	0
	point1143	1143	1274	70	94	70	15	70	0	0	0	0
	point1144	1144	1274	70	94	70	15	70	0	0	0	0
	point1145	1145	1274	70	94	70	15	70	0	0	0	0
	point1146	1146										
SR202_WB_In_6	point2901	2901	1274	70	94	70	15	70	0	0	0	0
	point951	951	1274	70	94	70	15	70	0	0	0	0
	point950	950	1274	70	94	70	15	70	0	0	0	0
	point949	949	1274	70	94	70	15	70	0	0	0	0
	point948	948	1274	70	94	70	15	70	0	0	0	0
	point947	947	1274	70	94	70	15	70	0	0	0	0
	point946	946	1274	70	94	70	15	70	0	0	0	0
	point945	945	1274	70	94	70	15	70	0	0	0	0
	point944	944	1274	70	94	70	15	70	0	0	0	0
	point943	943	1274	70	94	70	15	70	0	0	0	0
	point942	942	1274	70	94	70	15	70	0	0	0	0
	point941	941	1274	70	94	70	15	70	0	0	0	0
	point940	940	1274	70	94	70	15	70	0	0	0	0
	point939	939	1274	70	94	70	15	70	0	0	0	0
	point938	938	1274	70	94	70	15	70	0	0	0	0
	point937	937	1274	70	94	70	15	70	0	0	0	0
	point936	936	1274	70	94	70	15	70	0	0	0	0
	point935	935	1274	70	94	70	15	70	0	0	0	0
	point934	934	1274	70	94	70	15	70	0	0	0	0
	point933	933	1274	70	94	70	15	70	0	0	0	0
	point932	932	1274	70	94	70	15	70	0	0	0	0
	point931	931	1274	70	94	70	15	70	0	0	0	0
	point930	930										
SR202_EB_Out_7	point2902	2902	3998	70	358	70	66	70	0	0	0	0
	point756	756	3998	70	358	70	66	70	0	0	0	0
	point755	755	3998	70	358	70	66	70	0	0	0	0
	point754	754	3998	70	358	70	66	70	0	0	0	0
	point753	753	3998	70	358	70	66	70	0	0	0	0

	point752	752	3998	70	358	70	66	70	0	0	0	0
	point751	751	3998	70	358	70	66	70	0	0	0	0
	point750	750	3998	70	358	70	66	70	0	0	0	0
	point749	749	3998	70	358	70	66	70	0	0	0	0
	point748	748										
SR202_EB_In_7	point2903	2903	3998	70	358	70	66	70	0	0	0	0
	point664	664	3998	70	358	70	66	70	0	0	0	0
	point665	665	3998	70	358	70	66	70	0	0	0	0
	point666	666	3998	70	358	70	66	70	0	0	0	0
	point667	667	3998	70	358	70	66	70	0	0	0	0
	point668	668	3998	70	358	70	66	70	0	0	0	0
	point669	669	3998	70	358	70	66	70	0	0	0	0
	point670	670	3998	70	358	70	66	70	0	0	0	0
	point671	671	3998	70	358	70	66	70	0	0	0	0
	point672	672										
SR202_WB_Out_5	point2904	2904	1761	70	146	70	24	70	0	0	0	0
	point1116	1116	1761	70	146	70	24	70	0	0	0	0
	point1117	1117	1761	70	146	70	24	70	0	0	0	0
	point1118	1118	1761	70	146	70	24	70	0	0	0	0
	point1119	1119	1761	70	146	70	24	70	0	0	0	0
	point1120	1120	1761	70	146	70	24	70	0	0	0	0
	point1121	1121	1761	70	146	70	24	70	0	0	0	0
	point1122	1122	1761	70	146	70	24	70	0	0	0	0
	point1123	1123	1761	70	146	70	24	70	0	0	0	0
	point1124	1124										
SR202_WB_In_5	point2905	2905	1761	70	146	70	24	70	0	0	0	0
	point960	960	1761	70	146	70	24	70	0	0	0	0
	point959	959	1761	70	146	70	24	70	0	0	0	0
	point958	958	1761	70	146	70	24	70	0	0	0	0
	point957	957	1761	70	146	70	24	70	0	0	0	0
	point956	956	1761	70	146	70	24	70	0	0	0	0
	point955	955	1761	70	146	70	24	70	0	0	0	0
	point954	954	1761	70	146	70	24	70	0	0	0	0
	point953	953	1761	70	146	70	24	70	0	0	0	0
	point952	952										
SR202_EB_Out_8	point2906	2906	3591	70	341	70	63	70	0	0	0	0

	point747	747	3591	70	341	70	63	70	0	0	0	0
	point746	746	3591	70	341	70	63	70	0	0	0	0
	point745	745	3591	70	341	70	63	70	0	0	0	0
	point744	744	3591	70	341	70	63	70	0	0	0	0
	point743	743	3591	70	341	70	63	70	0	0	0	0
	point742	742	3591	70	341	70	63	70	0	0	0	0
	point741	741	3591	70	341	70	63	70	0	0	0	0
	point740	740	3591	70	341	70	63	70	0	0	0	0
	point739	739	3591	70	341	70	63	70	0	0	0	0
	point738	738	3591	70	341	70	63	70	0	0	0	0
	point737	737	3591	70	341	70	63	70	0	0	0	0
	point736	736	3591	70	341	70	63	70	0	0	0	0
	point735	735	3591	70	341	70	63	70	0	0	0	0
	point734	734	3591	70	341	70	63	70	0	0	0	0
	point733	733	3591	70	341	70	63	70	0	0	0	0
	point732	732	3591	70	341	70	63	70	0	0	0	0
	point731	731	3591	70	341	70	63	70	0	0	0	0
	point730	730	3591	70	341	70	63	70	0	0	0	0
	point729	729	3591	70	341	70	63	70	0	0	0	0
	point728	728	3591	70	341	70	63	70	0	0	0	0
	point727	727	3591	70	341	70	63	70	0	0	0	0
	point726	726	3591	70	341	70	63	70	0	0	0	0
	point725	725	3591	70	341	70	63	70	0	0	0	0
	point2878	2878										
SR202_EB_In_8	point2907	2907	3591	70	341	70	63	70	0	0	0	0
	point673	673	3591	70	341	70	63	70	0	0	0	0
	point674	674	3591	70	341	70	63	70	0	0	0	0
	point675	675	3591	70	341	70	63	70	0	0	0	0
	point676	676	3591	70	341	70	63	70	0	0	0	0
	point677	677	3591	70	341	70	63	70	0	0	0	0
	point678	678	3591	70	341	70	63	70	0	0	0	0
	point679	679	3591	70	341	70	63	70	0	0	0	0
	point680	680	3591	70	341	70	63	70	0	0	0	0
	point681	681	3591	70	341	70	63	70	0	0	0	0
	point682	682	3591	70	341	70	63	70	0	0	0	0
	point683	683	3591	70	341	70	63	70	0	0	0	0

	point684	684	3591	70	341	70	63	70	0	0	0	0
	point685	685	3591	70	341	70	63	70	0	0	0	0
	point686	686	3591	70	341	70	63	70	0	0	0	0
	point687	687	3591	70	341	70	63	70	0	0	0	0
	point688	688	3591	70	341	70	63	70	0	0	0	0
	point689	689	3591	70	341	70	63	70	0	0	0	0
	point690	690	3591	70	341	70	63	70	0	0	0	0
	point691	691	3591	70	341	70	63	70	0	0	0	0
	point692	692	3591	70	341	70	63	70	0	0	0	0
	point693	693	3591	70	341	70	63	70	0	0	0	0
	point694	694	3591	70	341	70	63	70	0	0	0	0
	point695	695	3591	70	341	70	63	70	0	0	0	0
	point2879	2879										
SR202_WB_Out_4	point2908	2908	3981	70	366	70	65	70	0	0	0	0
	point1110	1110	3981	70	366	70	65	70	0	0	0	0
	point1111	1111	3981	70	366	70	65	70	0	0	0	0
	point1112	1112	3981	70	366	70	65	70	0	0	0	0
	point1113	1113	3981	70	366	70	65	70	0	0	0	0
	point1114	1114	3981	70	366	70	65	70	0	0	0	0
	point1115	1115										
SR202_WB_In_4	point2910	2910	3981	70	366	70	65	70	0	0	0	0
	point967	967	3981	70	366	70	65	70	0	0	0	0
	point966	966	3981	70	366	70	65	70	0	0	0	0
	point965	965	3981	70	366	70	65	70	0	0	0	0
	point964	964	3981	70	366	70	65	70	0	0	0	0
	point963	963	3981	70	366	70	65	70	0	0	0	0
	point962	962	3981	70	366	70	65	70	0	0	0	0
	point961	961										
SR202_EB_Out_9	point2911	2911	2805	70	256	70	48	70	0	0	0	0
	point724	724	2805	70	256	70	48	70	0	0	0	0
	point723	723	2805	70	256	70	48	70	0	0	0	0
	point722	722	2805	70	256	70	48	70	0	0	0	0
	point721	721	2805	70	256	70	48	70	0	0	0	0
	point720	720	2805	70	256	70	48	70	0	0	0	0
	point719	719	2805	70	256	70	48	70	0	0	0	0
	point718	718										

SR202_EB_In_9	point2912	2912	2805	70	256	70	48	70	0	0	0	0
	point696	696	2805	70	256	70	48	70	0	0	0	0
	point697	697	2805	70	256	70	48	70	0	0	0	0
	point698	698	2805	70	256	70	48	70	0	0	0	0
	point699	699	2805	70	256	70	48	70	0	0	0	0
	point700	700	2805	70	256	70	48	70	0	0	0	0
	point701	701	2805	70	256	70	48	70	0	0	0	0
	point702	702										
SR202_WB_Out_3	point2915	2915	3616	70	351	70	62	70	0	0	0	0
	point1086	1086	3616	70	351	70	62	70	0	0	0	0
	point1087	1087	3616	70	351	70	62	70	0	0	0	0
	point1088	1088	3616	70	351	70	62	70	0	0	0	0
	point1089	1089	3616	70	351	70	62	70	0	0	0	0
	point1090	1090	3616	70	351	70	62	70	0	0	0	0
	point1091	1091	3616	70	351	70	62	70	0	0	0	0
	point1092	1092	3616	70	351	70	62	70	0	0	0	0
	point1093	1093	3616	70	351	70	62	70	0	0	0	0
	point1094	1094	3616	70	351	70	62	70	0	0	0	0
	point1095	1095	3616	70	351	70	62	70	0	0	0	0
	point1096	1096	3616	70	351	70	62	70	0	0	0	0
	point1097	1097	3616	70	351	70	62	70	0	0	0	0
	point1098	1098	3616	70	351	70	62	70	0	0	0	0
	point1099	1099	3616	70	351	70	62	70	0	0	0	0
	point1100	1100	3616	70	351	70	62	70	0	0	0	0
	point1101	1101	3616	70	351	70	62	70	0	0	0	0
	point1102	1102	3616	70	351	70	62	70	0	0	0	0
	point1103	1103	3616	70	351	70	62	70	0	0	0	0
	point1104	1104	3616	70	351	70	62	70	0	0	0	0
	point1105	1105	3616	70	351	70	62	70	0	0	0	0
	point1106	1106	3616	70	351	70	62	70	0	0	0	0
	point1107	1107	3616	70	351	70	62	70	0	0	0	0
	point1108	1108	3616	70	351	70	62	70	0	0	0	0
	point1109	1109										
SR202_WB_In_3	point2916	2916	3616	70	351	70	62	70	0	0	0	0
	point990	990	3616	70	351	70	62	70	0	0	0	0
	point989	989	3616	70	351	70	62	70	0	0	0	0

	point988	988	3616	70	351	70	62	70	0	0	0	0
	point987	987	3616	70	351	70	62	70	0	0	0	0
	point986	986	3616	70	351	70	62	70	0	0	0	0
	point985	985	3616	70	351	70	62	70	0	0	0	0
	point984	984	3616	70	351	70	62	70	0	0	0	0
	point983	983	3616	70	351	70	62	70	0	0	0	0
	point982	982	3616	70	351	70	62	70	0	0	0	0
	point981	981	3616	70	351	70	62	70	0	0	0	0
	point2969	2969	3616	70	351	70	62	70	0	0	0	0
	point980	980	3616	70	351	70	62	70	0	0	0	0
	point2970	2970	3616	70	351	70	62	70	0	0	0	0
	point979	979	3616	70	351	70	62	70	0	0	0	0
	point978	978	3616	70	351	70	62	70	0	0	0	0
	point977	977	3616	70	351	70	62	70	0	0	0	0
	point976	976	3616	70	351	70	62	70	0	0	0	0
	point975	975	3616	70	351	70	62	70	0	0	0	0
	point974	974	3616	70	351	70	62	70	0	0	0	0
	point973	973	3616	70	351	70	62	70	0	0	0	0
	point972	972	3616	70	351	70	62	70	0	0	0	0
	point971	971	3616	70	351	70	62	70	0	0	0	0
	point970	970	3616	70	351	70	62	70	0	0	0	0
	point969	969	3616	70	351	70	62	70	0	0	0	0
	point968	968	3616	70	351	70	62	70	0	0	0	0
	point2909	2909										
SR202_WB_Out_2	point2917	2917	2884	70	267	70	48	70	0	0	0	0
	point1080	1080	2884	70	267	70	48	70	0	0	0	0
	point1081	1081	2884	70	267	70	48	70	0	0	0	0
	point1082	1082	2884	70	267	70	48	70	0	0	0	0
	point1083	1083	2884	70	267	70	48	70	0	0	0	0
	point1084	1084	2884	70	267	70	48	70	0	0	0	0
	point2913	2913	2884	70	267	70	48	70	0	0	0	0
	point2877	2877										
SR202_WB_In_2	point2918	2918	2884	70	267	70	48	70	0	0	0	0
	point997	997	2884	70	267	70	48	70	0	0	0	0
	point996	996	2884	70	267	70	48	70	0	0	0	0
	point995	995	2884	70	267	70	48	70	0	0	0	0

	point994	994	2884	70	267	70	48	70	0	0	0	0
	point993	993	2884	70	267	70	48	70	0	0	0	0
	point992	992	2884	70	267	70	48	70	0	0	0	0
	point991	991										
SR202_EB_Out_10	point2919	2919	3888	70	367	70	69	70	0	0	0	0
	point717	717	3888	70	367	70	69	70	0	0	0	0
	point716	716	3888	70	367	70	69	70	0	0	0	0
	point715	715	3888	70	367	70	69	70	0	0	0	0
	point714	714	3888	70	367	70	69	70	0	0	0	0
	point713	713	3888	70	367	70	69	70	0	0	0	0
	point712	712	3888	70	367	70	69	70	0	0	0	0
	3220+00.000	1251	3888	70	367	70	69	70	0	0	0	0
	3222+00.000	1252	3888	70	367	70	69	70	0	0	0	0
	3224+00.000	1253	3888	70	367	70	69	70	0	0	0	0
	3225+98.784	1254	3888	70	367	70	69	70	0	0	0	0
	3227+96.457	1255	3888	70	367	70	69	70	0	0	0	0
	3229+94.138	1256	3888	70	367	70	69	70	0	0	0	0
	3231+91.829	1257										
SR202_EB_In_10	point2920	2920	3888	70	367	70	69	70	0	0	0	0
	point703	703	3888	70	367	70	69	70	0	0	0	0
	point704	704	3888	70	367	70	69	70	0	0	0	0
	point705	705	3888	70	367	70	69	70	0	0	0	0
	point706	706	3888	70	367	70	69	70	0	0	0	0
	point707	707	3888	70	367	70	69	70	0	0	0	0
	point708	708	3888	70	367	70	69	70	0	0	0	0
	point709	709	3888	70	367	70	69	70	0	0	0	0
	3220+00.000	1219	3888	70	367	70	69	70	0	0	0	0
	3222+00.000	1220	3888	70	367	70	69	70	0	0	0	0
	3224+00.000	1221	3888	70	367	70	69	70	0	0	0	0
	3225+99.321	1222	3888	70	367	70	69	70	0	0	0	0
	3227+98.022	1223	3888	70	367	70	69	70	0	0	0	0
	3229+96.726	1224	3888	70	367	70	69	70	0	0	0	0
	3231+95.437	1225										
Hawes Rd SB_up	point2959	2959	580	50	32	50	7	50	0	0	0	0
	point2960	2960										
Hawes Rd NB_up	point2968	2968	1104	50	89	50	15	50	0	0	0	0

	point2964	2964										
Guadalupe EB	point3022	3022	1893	50	70	50	26	50	0	0	0	0
	a 3223+66.00	59										
Guadalupe EB_down	point3023	3023	2129	50	87	50	28	50	0	0	0	0
	a 3223+59.77	60	2129	50	87	50	28	50	0	0	0	0
	point1484	1484										
Guadalupe WB	point3024	3024	1586	50	48	50	7	50	0	0	0	0
	a 3224+56.62	67										
Guadalupe WB_down	point3025	3025	1359	50	31	50	5	50	0	0	0	0
	a 3224+50.99	68	1359	50	31	50	5	50	0	0	0	0
	a 3224+48.33	69										
Elliot Rd EB	point3026	3026	2080	50	108	50	21	50	0	0	0	0
	point2820	2820										
Elliot Rd EB_down	point3027	3027	2487	50	115	50	24	50	0	0	0	0
	point2821	2821	2487	50	115	50	24	50	0	0	0	0
	point2822	2822										
Elliot Rd WB	point3028	3028	1326	50	42	50	9	50	0	0	0	0
	point2826	2826										
Elliot Rd WB_down	point3029	3029	1047	50	42	50	6	50	0	0	0	0
	point2827	2827	1047	50	42	50	6	50	0	0	0	0
	point2828	2828										
Hawes Rd NB	point3030	3030	1153	50	75	50	16	50	0	0	0	0
	point2965	2965										
Hawes Rd NB_down	point3031	3031	976	50	61	50	13	50	0	0	0	0
	point2966	2966										
Hawes Rd SB	point3032	3032	1393	50	123	50	22	50	0	0	0	0
	point2961	2961										
Hawes Rd SB_down	point3033	3033	1285	50	117	50	20	50	0	0	0	0
	point2962	2962										
SR202EBtoSR24EB_down	point3040	3040	2600	60	219	60	48	60	0	0	0	0
	32+00.000	1628	2600	60	219	60	48	60	0	0	0	0
	34+00.000	1629	2600	60	219	60	48	60	0	0	0	0
	36+00.000	1630	2600	60	219	60	48	60	0	0	0	0
	38+00.000	1631	2600	60	219	60	48	60	0	0	0	0
	40+00.000	1632	2600	60	219	60	48	60	0	0	0	0
	42+00.000	1633	2600	60	219	60	48	60	0	0	0	0

	44+00.000	1634	2600	60	219	60	48	60	0	0	0	0
	46+00.000	1635	2600	60	219	60	48	60	0	0	0	0
	48+00.000	1636	2600	60	219	60	48	60	0	0	0	0
	50+00.000	1637	2600	60	219	60	48	60	0	0	0	0
	52+00.000	1638	2600	60	219	60	48	60	0	0	0	0
	54+00.000	1639	2600	60	219	60	48	60	0	0	0	0
	56+00.000	1640	2600	60	219	60	48	60	0	0	0	0
	58+00.000	1641	2600	60	219	60	48	60	0	0	0	0
	60+00.000	2694	2600	60	219	60	48	60	0	0	0	0
	60+00.000	1642										
SR24WBtoSR202EB-2	point3044	3044	4628	60	463	60	91	60	0	0	0	0
	44+00.000	1552	4628	60	463	60	91	60	0	0	0	0
	42+00.000	1551	4628	60	463	60	91	60	0	0	0	0
	40+00.000	1550	4628	60	463	60	91	60	0	0	0	0
	38+00.000	1549	4628	60	463	60	91	60	0	0	0	0
	36+00.000	1548	4628	60	463	60	91	60	0	0	0	0
	34+00.000	1547	4628	60	463	60	91	60	0	0	0	0
	32+00.000	1546	4628	60	463	60	91	60	0	0	0	0
	30+00.000	1545	4628	60	463	60	91	60	0	0	0	0
	28+00.000	1544	4628	60	463	60	91	60	0	0	0	0
	26+00.000	1543	4628	60	463	60	91	60	0	0	0	0
	24+00.000	1542	4628	60	463	60	91	60	0	0	0	0
	22+00.000	1541	4628	60	463	60	91	60	0	0	0	0
	20+00.000	1540	4628	60	463	60	91	60	0	0	0	0
	18+00.000	1539	4628	60	463	60	91	60	0	0	0	0
	16+00.000	1538	4628	60	463	60	91	60	0	0	0	0
	14+00.000	1537	4628	60	463	60	91	60	0	0	0	0
	12+00.000	1536	4628	60	463	60	91	60	0	0	0	0
	10+00.000	1535	4628	60	463	60	91	60	0	0	0	0
	8+00.000	1534	4628	60	463	60	91	60	0	0	0	0
	6+00.000	1533	4628	60	463	60	91	60	0	0	0	0
	4+00.000	1532	4628	60	463	60	91	60	0	0	0	0
	2+00.000	1531	4628	60	463	60	91	60	0	0	0	0
	0+00.000	1530										
SR202EBtoSR24EB-2	point3045	3045	2723	60	227	60	49	60	0	0	0	0
	22+00.000	1623	2723	60	227	60	49	60	0	0	0	0

	24+00.000	1624	2723	60	227	60	49	60	0	0	0	0
	26+00.000	1625	2723	60	227	60	49	60	0	0	0	0
	28+00.000	1626	2723	60	227	60	49	60	0	0	0	0
	30+00.000	1627										
SR202_WB_Out_1	3232+09.305	3047	3976	70	382	70	69	70	0	0	0	0
	3230+06.677	3048	3976	70	382	70	69	70	0	0	0	0
	3228+04.035	3049	3976	70	382	70	69	70	0	0	0	0
	3226+01.385	3050	3976	70	382	70	69	70	0	0	0	0
	3224+00.000	3051	3976	70	382	70	69	70	0	0	0	0
	3222+00.000	3052	3976	70	382	70	69	70	0	0	0	0
	point1072	3053	3976	70	382	70	69	70	0	0	0	0
	point1073	3054	3976	70	382	70	69	70	0	0	0	0
	point1074	3055	3976	70	382	70	69	70	0	0	0	0
	point1075	3056	3976	70	382	70	69	70	0	0	0	0
	point1076	3057	3976	70	382	70	69	70	0	0	0	0
	point1077	3058	3976	70	382	70	69	70	0	0	0	0
	point1078	3059	3976	70	382	70	69	70	0	0	0	0
	point1079	3060										
SR202WBtoSR24EB-2	point3063	3063	4440	60	439	60	82	60	0	0	0	0
	point3061	3061	4440	60	439	60	82	60	0	0	0	0
	34+00.000	1594	4440	60	439	60	82	60	0	0	0	0
	36+00.000	1595	4440	60	439	60	82	60	0	0	0	0
	38+00.000	1596	4440	60	439	60	82	60	0	0	0	0
	40+00.000	1597	4440	60	439	60	82	60	0	0	0	0
	42+00.000	1598	4440	60	439	60	82	60	0	0	0	0
	44+00.000	1599	4440	60	439	60	82	60	0	0	0	0
	46+00.000	1600	4440	60	439	60	82	60	0	0	0	0
	48+00.000	1601	4440	60	439	60	82	60	0	0	0	0
	50+00.000	1602	4440	60	439	60	82	60	0	0	0	0
	52+00.000	1603	4440	60	439	60	82	60	0	0	0	0
	54+00.000	1604	4440	60	439	60	82	60	0	0	0	0
	56+00.000	1605	4440	60	439	60	82	60	0	0	0	0
	58+00.000	1606	4440	60	439	60	82	60	0	0	0	0
	60+00.000	1607										

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Barrier									Points											
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Increment	Perturbs #Up	#Dn	On Struct?	Important Reflections?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Existing Barrier Guadalupe Elliott SB1	W	0.00	99.99	0.00				0.00	a 3222+72.26	1	783,049.3	860,334.1	1,406.12	19.25	0.00	0	0		
									a 3220+86.22	2	783,082.0	860,148.4	1,406.91	18.23	0.00	0	0		
									a 3219+43.97	3	783,107.0	860,006.5	1,404.94	19.38	0.00	0	0		
									a 3218+03.20	4	783,131.7	859,866.1	1,404.10	20.65	0.00	0	0		
									a 3217+30.73	5	783,144.5	859,793.8	1,403.79	20.95	0.00	0	0		
									a 3216+83.43	6	783,152.7	859,746.6	1,403.21	20.45	0.00	0	0		
									a 3216+60.35	7	783,156.8	859,723.5	1,402.42	20.95	0.00	0	0		
									a 3216+59.61	8	783,156.8	859,722.8	1,402.42	20.63	0.00	0	0		
									a 3216+11.77	9	783,158.8	859,675.0	1,401.95	20.45	0.00	0	0		
									a 3213+00.53	10	783,172.8	859,363.9	1,401.73	20.45	0.00	0	0		
									a 3210+01.39	11	783,201.3	859,065.1	1,401.07	21.08	0.00	0	0		
									a 3208+44.62	12	783,203.8	858,908.4	1,400.96	20.83	0.00	0	0		
									a 3207+72.74	13	783,204.8	858,836.5	1,400.60	20.50	0.00	0	0		
									a 3207+24.73	14	783,205.6	858,788.5	1,400.51	19.74	0.00	0	0		
									a 3206+06.08	15	783,207.6	858,669.9	1,400.24	20.23	0.00	0	0		
									a 3204+12.70	16	783,210.6	858,476.5	1,400.21	20.18	0.00	0	0		
									a 3202+44.06	17	783,213.3	858,307.9	1,399.88	19.95	0.00	0	0		
									a 3201+00.72	18	783,215.5	858,164.6	1,399.23	19.73	0.00	0	0		
									a 3199+08.08	19	783,218.6	857,972.0	1,398.30	19.98	0.00	0	0		
									a 3198+60.70	20	783,219.3	857,924.6	1,398.19	19.43	0.00	0	0		
									a 3197+64.80	21	783,220.8	857,828.7	1,397.98	19.40	0.00	0	0		
									a 3196+92.77	22	783,221.9	857,756.7	1,397.88	18.38	0.00	0	0		
									a 3195+01.47	23	783,224.9	857,565.4	1,396.73	19.30					
Existing Barrier Guadalupe Elliott NB1	W	0.00	99.99	0.00				0.00	a 3200+13.81	24	783,598.9	858,082.8	1,400.62	20.85	0.00	0	0		
									a 3200+33.95	25	783,598.9	858,103.0	1,400.92	20.55	0.00	0	0		
									a 3200+33.98	26	783,604.0	858,103.1	1,400.94	20.55	0.00	0	0		
									a 3201+05.41	27	783,603.6	858,174.5	1,400.89	20.93	0.00	0	0		
									a 3203+70.73	28	783,602.5	858,439.8	1,401.93	19.93	0.00	0	0		
									a 3204+65.32	29	783,602.2	858,534.4	1,401.90	19.85	0.00	0	0		
									a 3205+61.38	30	783,601.7	858,630.5	1,402.63	20.40	0.00	0	0		
									a 3206+57.57	31	783,601.2	858,726.7	1,402.82	20.25	0.00	0	0		
									a 3207+30.70	32	783,600.9	858,799.8	1,409.92	13.29	0.00	0	0		
									a 3208+49.35	33	783,600.3	858,918.5	1,403.30	19.80	0.00	0	0		
									a 3209+93.40	34	783,599.7	859,062.5	1,403.90	19.93	0.00	0	0		
									a 3211+13.23	35	783,599.1	859,182.3	1,404.02	20.45	0.00	0	0		

									a 3212+57.94	36	783,598.5	859,327.1	1,404.90	17.96	0.00	0	0		
									a 3212+58.78	37	783,603.4	859,328.0	1,405.14	15.98	0.00	0	0		
									a 3215+66.22	38	783,636.3	859,635.9	1,406.21	15.25	0.00	0	0		
									a 3216+61.45	39	783,646.6	859,731.3	1,406.64	15.35	0.00	0	0		
									a 3218+28.16	40	783,664.4	859,898.2	1,407.00	15.65	0.00	0	0		
									a 3219+23.59	41	783,674.5	859,993.8	1,407.38	15.98	0.00	0	0		
									a 3219+71.19	42	783,679.6	860,041.5	1,407.49	16.43	0.00	0	0		
									a 3220+90.36	43	783,692.2	860,160.8	1,408.33	16.33	0.00	0	0		
									a 3221+03.73	44	783,693.5	860,174.2	1,408.52	12.70	0.00	0	0		
									a 3221+04.50	45	783,680.6	860,174.8	1,408.33	9.00	0.00	0	0		
									a 3221+36.64	46	783,680.7	860,206.9	1,409.18	8.15	0.00	0	0		
									a 3221+60.53	47	783,680.8	860,230.8	1,409.29	8.05	0.00	0	0		
									a 3222+83.98	48	783,681.2	860,354.3	1,409.34	8.00					
Barrier 53	W	0.00	99.99	0.00				0.00	a 3201+12.94	49	783,660.4	858,164.3	1,402.48	6.50	0.00	0	0		
									a 3200+29.31	50	783,660.4	858,099.3	1,402.86	6.50					
Bldg SB 1	W	0.00	99.99	0.00				0.00	a 3201+50.63	85	783,096.7	858,212.9	1,400.15	15.00	0.00	0	0		
									a 3201+51.29	87	783,047.8	858,212.9	1,399.86	15.00	0.00	0	0		
									a 3201+06.05	88	783,047.8	858,167.6	1,399.79	15.00	0.00	0	0		
									a 3201+05.39	89	783,097.1	858,167.6	1,400.05	15.00	0.00	0	0		
									a 3201+50.63	90	783,096.7	858,212.9	1,400.15	15.00					
Bldg SB 2	W	0.00	99.99	0.00				0.00	point126	126	783,096.2	858,275.3	1,400.85	15.00	0.00	0	0		
									a 3202+13.34	92	783,047.0	858,274.9	1,401.01	15.00	0.00	0	0		
									a 3202+67.57	93	783,046.6	858,329.2	1,400.75	15.00	0.00	0	0		
									a 3202+67.32	94	783,094.5	858,329.5	1,400.63	15.00	0.00	0	0		
									a 3202+13.08	95	783,096.2	858,275.3	1,400.85	15.00					
Bldg SB 3	W	0.00	99.99	0.00				0.00	point128	128	783,044.3	858,494.2	1,400.61	15.00	0.00	0	0		
									a 3204+31.66	97	783,094.1	858,493.9	1,400.98	15.00	0.00	0	0		
									a 3203+73.76	98	783,093.8	858,436.0	1,400.88	15.00	0.00	0	0		
									a 3203+74.69	99	783,045.0	858,436.3	1,400.73	15.00	0.00	0	0		
									a 3204+32.60	100	783,044.3	858,494.2	1,400.61	15.00					
Bldg SB 4	W	0.00	99.99	0.00				0.00	point130	130	783,094.6	858,553.0	1,400.93	15.00	0.00	0	0		
									a 3205+37.56	102	783,094.6	858,599.8	1,400.75	15.00	0.00	0	0		
									a 3205+38.19	103	783,047.8	858,599.8	1,400.69	15.00	0.00	0	0		
									a 3204+91.40	104	783,047.8	858,553.0	1,400.83	15.00	0.00	0	0		
									a 3204+90.77	105	783,094.6	858,553.0	1,400.93	15.00					
Bldg SB 5	W	0.00	99.99	0.00				0.00	point132	132	783,141.1	858,707.1	1,401.63	15.00	0.00	0	0		
									a 3206+44.98	107	783,093.8	858,707.2	1,401.32	15.00	0.00	0	0		
									a 3207+00.53	108	783,093.6	858,762.8	1,401.69	15.00	0.00	0	0		
									a 3207+00.07	109	783,140.2	858,763.0	1,401.96	15.00	0.00	0	0		
									a 3206+44.52	110	783,141.6	858,710.1	1,401.63	15.00					
Bldg SB 6	W	0.00	99.99	0.00				0.00	point134	134	783,143.2	858,826.7	1,402.23	15.00	0.00	0	0		
									a 3207+64.18	112	783,110.6	858,826.7	1,402.12	15.00	0.00	0	0		
									a 3208+09.26	113	783,110.6	858,871.8	1,401.88	15.00	0.00	0	0		
									a 3208+08.83	114	783,142.9	858,871.8	1,402.17	15.00	0.00	0	0		
									a 3207+63.74	115	783,143.2	858,826.7	1,402.23	15.00					
Bldg SB 7	W	0.00	99.99	0.00				0.00	point136	136	783,107.3	859,300.9	1,402.47	15.00	0.00	0	0		
									a 3212+37.81	117	783,134.6	859,300.7	1,402.56	15.00	0.00	0	0		
									a 3211+91.86	118	783,134.2	859,254.7	1,402.64	15.00	0.00	0	0		
									a 3211+92.44	119	783,107.0	859,254.9	1,402.54	15.00	0.00	0	0		

									a 3212+38.39	120	783,107.3	859,300.9	1,402.47	15.00						
Bldg SB 8	W	0.00	99.99	0.00				0.00	point138	138	783,102.4	859,359.8	1,403.63	15.00	0.00	0	0		
									a 3212+96.42	122	783,138.0	859,359.3	1,403.68	15.00	0.00	0	0		
									a 3213+45.73	123	783,138.6	859,408.6	1,403.56	15.00	0.00	0	0		
									a 3213+46.69	124	783,101.0	859,409.1	1,403.31	15.00	0.00	0	0		
									a 3212+97.33	86	783,102.4	859,359.8	1,403.63	15.00						
Home NB2 2	W	0.00	99.99	0.00				0.00	point175	175	783,771.1	858,279.6	1,403.15	20.00	0.00	0	0		
									point146	146	783,770.2	858,238.3	1,402.85	20.00	0.00	0	0		
									point147	147	783,806.3	858,237.6	1,402.85	20.00	0.00	0	0		
									point148	148	783,807.2	858,280.8	1,402.85	20.00	0.00	0	0		
									point149	149	783,771.1	858,279.6	1,403.15	20.00					
Home NB2 3	W	0.00	99.99	0.00				0.00	point177	177	783,760.9	858,279.2	1,402.96	20.00	0.00	0	0		
									point151	151	783,727.3	858,280.4	1,402.57	20.00	0.00	0	0		
									point152	152	783,725.8	858,240.3	1,402.11	20.00	0.00	0	0		
									point153	153	783,761.2	858,239.0	1,402.75	20.00	0.00	0	0		
									point154	154	783,760.9	858,279.2	1,402.96	20.00					
Home NB2 4	W	0.00	99.99	0.00				0.00	point179	179	783,715.1	858,241.9	1,402.55	20.00	0.00	0	0		
									point156	156	783,714.7	858,281.0	1,402.35	20.00	0.00	0	0		
									point157	157	783,681.5	858,280.7	1,401.82	20.00	0.00	0	0		
									point158	158	783,680.7	858,241.7	1,402.35	20.00	0.00	0	0		
									point159	159	783,715.1	858,241.9	1,402.55	20.00					
Home NB2 5	W	0.00	99.99	0.00				0.00	point181	181	783,804.1	858,335.9	1,402.55	20.00	0.00	0	0		
									point161	161	783,803.4	858,369.9	1,402.55	20.00	0.00	0	0		
									point162	162	783,769.4	858,369.1	1,403.42	20.00	0.00	0	0		
									point163	163	783,770.1	858,335.1	1,403.89	20.00	0.00	0	0		
									point164	164	783,804.1	858,335.9	1,402.55	20.00					
Home NB2 6	W	0.00	99.99	0.00				0.00	point183	183	783,757.0	858,368.0	1,403.77	20.00	0.00	0	0		
									point166	166	783,726.7	858,368.0	1,403.64	20.00	0.00	0	0		
									point167	167	783,726.7	858,337.7	1,403.72	20.00	0.00	0	0		
									point168	168	783,757.0	858,337.7	1,403.80	20.00	0.00	0	0		
									point169	169	783,757.0	858,368.0	1,403.77	20.00					
Home NB2 7	W	0.00	99.99	0.00				0.00	point185	185	783,714.4	858,336.6	1,403.70	20.00	0.00	0	0		
									point171	171	783,681.9	858,335.5	1,402.50	20.00	0.00	0	0		
									point172	172	783,680.7	858,368.0	1,402.40	20.00	0.00	0	0		
									point173	173	783,713.3	858,369.1	1,403.38	20.00	0.00	0	0		
									point140	140	783,714.4	858,336.6	1,403.70	20.00					
Barrier54	W	0.00	99.99	0.00				0.00	point224	224	783,777.7	858,099.3	1,403.19	8.00	0.00	0	0		
									point225	225	784,032.6	858,099.3	1,403.01	8.00					
Barrier 53-2	W	0.00	99.99	0.00				0.00	point226	226	783,660.4	858,099.3	1,402.86	8.00	0.00	0	0		
									a 3200+28.86	198	783,777.7	858,099.3	1,403.19	8.00					
Barrier 1A	W	0.00	99.99	0.00				0.00	point572	572	782,055.3	849,368.8	1,393.20	10.00	2.00	4	0		
									point573	573	781,911.8	849,240.9	1,390.90	10.00	2.00	4	0		
									point574	574	781,751.1	849,117.8	1,388.60	10.00	2.00	4	0		
									point575	575	781,588.5	849,004.7	1,385.50	10.00	2.00	4	0		
									point576	576	781,410.1	848,898.2	1,381.90	10.00	2.00	4	0		
									point577	577	781,242.3	848,805.4	1,376.50	10.00					

AZTEC						**1 May 2025**					
AZTEC						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**F0719 SR24, SR 202L to Ironwood Drive**										
RUN:	**SR24, 2050 Build**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
R1	346	1	783,785.5	860,026.2	1,408.36	5.00	0.00	66	15.0	7.0	
R2	347	1	783,773.7	859,860.4	1,408.05	5.00	0.00	66	15.0	7.0	
R3	348	1	783,702.2	859,501.9	1,405.90	5.00	0.00	66	15.0	7.0	
R4	349	1	783,655.3	859,298.8	1,406.29	5.00	0.00	66	15.0	7.0	
R5	350	1	783,670.0	859,096.9	1,405.29	5.00	0.00	66	15.0	7.0	
R6	351	1	783,676.4	858,890.5	1,404.13	5.00	0.00	66	15.0	7.0	
R7	352	1	783,678.2	858,688.0	1,401.85	5.00	0.00	66	15.0	7.0	
R8	353	1	783,662.6	858,487.5	1,403.28	5.00	0.00	66	15.0	7.0	
R9	354	1	783,684.2	858,274.7	1,402.99	5.00	0.00	66	15.0	7.0	
R10	355	1	783,699.1	858,113.1	1,402.86	5.00	0.00	66	15.0	7.0	
R11	356	1	783,744.2	858,113.2	1,402.95	5.00	0.00	66	15.0	7.0	
R12	357	1	783,789.0	858,106.9	1,403.01	5.00	0.00	66	15.0	7.0	
R13	358	1	783,834.4	858,115.6	1,403.01	5.00	0.00	66	15.0	7.0	
R14	359	1	783,877.6	858,117.7	1,403.01	5.00	0.00	66	15.0	7.0	
R15	360	1	783,924.3	858,118.2	1,403.01	5.00	0.00	66	15.0	7.0	
R16	361	1	783,970.9	858,118.2	1,403.01	5.00	0.00	66	15.0	7.0	
R17	362	1	783,909.8	857,557.0	1,399.00	5.00	0.00	66	15.0	7.0	
R18	363	1	783,923.1	856,837.2	1,395.00	5.00	0.00	66	15.0	7.0	
R19	364	1	783,888.5	856,405.7	1,394.00	5.00	0.00	66	15.0	7.0	
R20	365	1	783,940.7	855,457.1	1,390.00	5.00	0.00	66	15.0	7.0	
R21	366	1	782,922.7	859,837.1	1,403.71	5.00	0.00	66	15.0	7.0	
R22	367	1	783,081.0	859,839.2	1,403.71	5.00	0.00	66	15.0	7.0	

R23	368	1	783,084.9	859,568.0	1,403.34	5.00	0.00	66	15.0	7.0	
R24	369	1	783,135.9	859,345.5	1,403.66	5.00	0.00	66	15.0	7.0	
R25	370	1	783,087.3	859,031.8	1,401.03	5.00	0.00	66	15.0	7.0	
R26	371	1	783,143.2	858,758.8	1,402.12	5.00	0.00	66	15.0	7.0	
R27	372	1	783,090.3	858,536.1	1,400.74	5.00	0.00	66	15.0	7.0	
R28	373	1	783,097.2	858,210.4	1,399.96	5.00	0.00	66	15.0	7.0	
R29	374	1	782,918.2	857,603.1	1,395.00	5.00	0.00	66	15.0	7.0	
R30	375	1	782,917.8	856,798.0	1,392.00	5.00	0.00	66	15.0	7.0	
R31	376	1	782,891.6	856,074.0	1,386.00	5.00	0.00	66	15.0	7.0	
R32	377	1	784,061.6	854,651.1	1,391.00	5.00	0.00	66	15.0	7.0	
R33	378	1	784,027.8	853,891.5	1,390.00	5.00	0.00	66	15.0	7.0	
R34	379	1	783,976.3	852,985.6	1,392.00	5.00	0.00	66	15.0	7.0	
R35	380	1	783,961.2	852,146.5	1,387.00	5.00	0.00	66	15.0	7.0	
R36	381	1	783,852.5	851,401.8	1,385.00	5.00	0.00	66	15.0	7.0	
R37	382	1	783,726.8	850,841.2	1,383.00	5.00	0.00	66	15.0	7.0	
R38	383	1	783,146.5	849,550.6	1,378.00	5.00	0.00	66	15.0	7.0	
R39	384	1	782,731.6	848,613.2	1,379.00	5.00	0.00	66	15.0	7.0	
R40	385	1	782,842.0	854,699.1	1,386.00	5.00	0.00	66	15.0	7.0	
R41	386	1	782,898.9	854,083.6	1,387.00	5.00	0.00	66	15.0	7.0	
R42	387	1	782,962.2	853,116.1	1,387.00	5.00	0.00	66	15.0	7.0	
R43	388	1	782,965.6	852,120.6	1,385.00	5.00	0.00	66	15.0	7.0	
R44	389	1	782,785.1	851,375.4	1,384.00	5.00	0.00	66	15.0	7.0	
R45	390	1	782,354.5	850,466.6	1,378.00	5.00	0.00	66	15.0	7.0	
R46	391	1	781,443.4	850,091.2	1,378.00	5.00	0.00	66	15.0	7.0	
R47	392	1	781,462.5	849,276.6	1,373.00	5.00	0.00	66	15.0	7.0	Y
Mon1	578	1	783,647.6	858,416.0	1,403.28	5.00	0.00	66	15.0	7.0	
Mon2	579	1	781,948.3	850,013.1	1,378.00	5.00	0.00	66	15.0	7.0	

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
SR24WBtoSR202WB	24.0	78+00.000	1529	782,563.1	846,611.0	1,387.90				Average	
		76+00.000	1528	782,462.7	846,784.0	1,389.90				Average	
		74+00.000	1527	782,366.9	846,959.5	1,393.00				Average	
		72+00.000	1526	782,275.7	847,137.5	1,396.10				Average	
		70+00.000	1525	782,189.2	847,317.8	1,399.30				Average	
		68+00.000	1524	782,107.4	847,500.3	1,402.40				Average	
		66+00.000	1523	782,030.4	847,684.9	1,405.50				Average	
		64+00.000	1522	781,957.6	847,871.2	1,408.60				Average	
		62+00.000	1521	781,882.7	848,056.6	1,411.80				Average	
		60+00.000	1520	781,781.7	848,228.9	1,414.90				Average	Y
		58+00.000	1519	781,651.7	848,380.5	1,417.40				Average	Y
		56+00.000	1518	781,496.8	848,506.5	1,418.80				Average	Y
		54+00.000	1517	781,321.9	848,603.0	1,419.00				Average	Y
		52+00.000	1516	781,132.6	848,666.8	1,418.10				Average	Y
		50+00.000	1515	780,935.0	848,695.9	1,416.00				Average	Y
		48+00.000	1514	780,735.4	848,689.4	1,412.70				Average	Y
		46+00.000	1513	780,540.1	848,647.4	1,408.50				Average	Y
		44+00.000	1512	780,355.4	848,571.4	1,404.10				Average	
		42+00.000	1511	780,180.5	848,474.4	1,399.70				Average	
		40+00.000	1510	780,005.8	848,376.9	1,395.20				Average	
		38+00.000	1509	779,831.2	848,279.5	1,390.80				Average	
		36+00.000	1508	779,656.5	848,182.0	1,386.40				Average	
		34+00.000	1507	779,480.3	848,087.4	1,382.00				Average	
		32+00.000	1506	779,300.9	847,999.0	1,377.60				Average	
		30+00.000	1505	779,118.6	847,917.0	1,373.20				Average	

		28+00.000	1504	778,933.4	847,841.3	1,368.80				Average	
		26+00.000	1503	778,745.8	847,772.1	1,364.30				Average	
		24+00.000	1502	778,556.2	847,708.4	1,360.20				Average	
		22+00.000	1501	778,366.5	847,645.2	1,356.80				Average	
		20+00.000	1500	778,175.8	847,584.7	1,354.20				Average	
		18+00.000	1499	777,983.6	847,529.7	1,352.40				Average	
		16+00.000	1498	777,789.7	847,480.4	1,351.50				Average	
		14+00.000	1497	777,594.6	847,436.7	1,351.40				Average	
		12+00.000	1496	777,398.2	847,398.7	1,352.10				Average	
		10+00.000	1495	777,200.9	847,366.4	1,353.60				Average	
		8+00.000	1494	777,002.6	847,339.9	1,355.30				Average	
		6+00.000	1493	776,803.7	847,319.2	1,356.00				Average	
		4+00.000	1492	776,604.3	847,304.2	1,358.90				Average	
		2+00.000	1491	776,404.5	847,295.1	1,360.60				Average	
		0+00.000	1490	776,245.2	847,290.3	1,361.30					
SR202EBtoSR24EB	12.0	0+00.000	1612	776,820.2	847,173.6	1,356.60				Average	
		2+00.000	1613	776,944.3	847,173.4	1,358.40				Average	
		4+00.000	1614	777,142.7	847,177.6	1,356.50				Average	
		6+00.000	1615	777,342.4	847,187.5	1,355.80				Average	
		8+00.000	1616	777,542.2	847,197.5	1,355.20				Average	
		10+00.000	1617	777,741.9	847,207.4	1,355.50				Average	
		12+00.000	1618	777,941.7	847,217.4	1,357.60				Average	
		14+00.000	1619	778,141.2	847,230.8	1,361.10				Average	
		16+00.000	1620	778,340.2	847,251.2	1,364.20				Average	
		18+00.000	1621	778,538.3	847,278.5	1,366.00				Average	
		20+00.000	1622	778,735.3	847,312.7	1,366.90				Average	
		22+00.000	1623	778,931.0	847,353.8	1,367.80				Average	
		24+00.000	1624	779,125.2	847,401.7	1,368.60				Average	
		26+00.000	1625	779,318.1	847,454.7	1,369.50				Average	
		28+00.000	1626	779,510.8	847,508.0	1,370.60				Average	
		30+00.000	1627	779,703.6	847,561.3	1,373.30					
SR202EBtoEllsworth	12.0	10+00.000	1643	779,748.3	847,561.2	1,374.00				Average	
		12+00.000	1644	779,944.3	847,601.0	1,379.00				Average	
		14+00.000	1645	780,140.3	847,640.7	1,384.20				Average	
		16+00.000	1646	780,336.4	847,680.5	1,388.50				Average	
		18+00.000	1647	780,532.8	847,718.0	1,390.50				Average	Y
		20+00.000	1648	780,732.2	847,729.3	1,389.40				Average	Y
		22+00.000	1649	780,930.8	847,707.5	1,386.80				Average	Y
		24+00.000	1650	781,123.1	847,653.3	1,386.60				Average	

		26+00.000	1651	781,303.7	847,568.1	1,390.50				Average	
		28+00.000	1652	781,467.9	847,454.2	1,396.80				Average	
		30+00.000	1653	781,612.0	847,315.7	1,400.40				Average	
		32+00.000	1654	781,750.2	847,171.2	1,400.60				Average	
		34+00.000	1655	781,888.5	847,026.7	1,397.50				Average	
		36+00.000	1656	782,026.8	846,882.2	1,393.50				Average	
		38+00.000	1657	782,165.1	846,737.7	1,389.50				Average	
		40+00.000	1658	782,300.5	846,590.6	1,385.60					
Power EB OnRamp	24.0	0+00.00	1680	770,309.8	846,998.7	1,323.50	Onramp	15.00	100	Average	
		1+99.93	1681	770,461.4	847,007.0	1,327.00				Average	
		3+99.93	1682	770,661.0	847,018.7	1,332.10				Average	
		5+99.93	1683	770,860.7	847,030.3	1,337.40				Average	
		7+99.93	1684	771,060.3	847,041.9	1,342.90				Average	
		9+99.93	1685	771,260.0	847,053.5	1,348.50				Average	
		11+59.93	1686	771,419.7	847,062.8	1,352.00				Average	
		16+99.93	1687	771,958.9	847,093.5	1,357.30				Average	
		18+99.93	1688	772,158.7	847,102.5	1,356.30				Average	
		20+99.93	1689	772,358.5	847,111.5	1,355.10				Average	
		22+99.93	1690	772,558.3	847,120.5	1,353.80				Average	
		24+99.95	1691	772,759.8	847,133.5	1,352.40				Average	
		26+41.06	1692	773,015.5	847,150.7	1,349.20					
Power WB OffRamp	24.0	0+00.00	1693	773,442.0	847,284.3	1,346.40				Average	
		1+66.52	1694	773,253.0	847,291.8	1,347.60				Average	
		3+66.52	1695	773,053.0	847,301.8	1,349.40				Average	
		5+66.52	1696	772,853.1	847,307.8	1,351.40				Average	
		7+66.52	1697	772,653.2	847,313.8	1,353.00				Average	
		9+66.52	1698	772,453.3	847,319.8	1,354.40				Average	
		11+66.52	1699	772,253.4	847,325.8	1,355.70				Average	
		13+66.52	1700	772,053.5	847,331.9	1,356.90				Average	
		14+66.52	1701	771,953.5	847,334.8	1,357.30				Average	
		20+66.52	1702	771,354.1	847,359.7	1,351.40				Average	
		22+66.52	1703	771,154.2	847,368.3	1,346.10				Average	
		24+66.52	1704	770,954.4	847,377.2	1,340.20				Average	
		26+66.52	1705	770,754.6	847,385.9	1,334.80				Average	
		28+66.52	1706	770,554.8	847,394.5	1,328.90				Average	
		31+66.52	1707	770,294.8	847,405.7	1,323.50					
Power WB OnRamp	12.0	0	1708	770,210.6	847,404.1	1,323.50	Onramp	15.00	100	Average	
		2+17.01	1709	770,038.9	847,388.4	1,323.10				Average	
		4+17.01	1710	769,839.7	847,371.0	1,326.70				Average	

		6+17.01	1711	769,640.4	847,354.3	1,329.40				Average	
		8+17.00	1712	769,440.8	847,340.8	1,330.40				Average	
		10+17.00	1713	769,241.2	847,328.8	1,330.30				Average	
		12+17.00	1714	769,041.5	847,317.0	1,328.70				Average	
		14+17.00	1715	768,841.9	847,304.6	1,326.30				Average	
		16+17.00	1716	768,642.2	847,293.9	1,324.00				Average	
		18+17.00	1717	768,441.6	847,283.5	1,322.10				Average	
		19+16.99	1718	768,246.9	847,275.5	1,320.00					
Power EB OffRamp	12.0	0+00.00	1719	768,223.6	847,140.7	1,320.80				Average	
		2+00.00	1720	768,379.9	847,133.8	1,321.90				Average	
		3+99.99	1721	768,579.8	847,124.9	1,323.60				Average	
		5+99.99	1722	768,779.6	847,116.6	1,325.60				Average	
		7+99.99	1723	768,979.3	847,104.8	1,328.60				Average	
		9+99.99	1724	769,178.7	847,090.0	1,329.80				Average	
		12+00.69	1725	769,378.8	847,074.8	1,330.50				Average	
		14+01.07	1726	769,578.7	847,059.5	1,330.20				Average	
		16+00.24	1727	769,777.2	847,044.4	1,327.60				Average	
		17+99.99	1728	769,976.4	847,029.0	1,324.90				Average	
		20+85.97	1729	770,216.8	847,009.4	1,323.60					
Power Rd SB_up	36.0	0+00.00	1730	770,215.1	847,889.1	1,322.30				Average	
		4+33.22	1731	770,213.1	847,403.4	1,323.50					
Power Rd NB_up	36.0	point1739	1739	770,305.1	846,625.7	1,322.50				Average	
		16+61.86	1735	770,305.4	846,996.9	1,323.50					
Hawes Rd RampB	12.0	0+00.000	2774	778,592.5	847,487.6	1,361.40				Average	
		2+00.000	2775	778,743.6	847,527.0	1,366.60				Average	
		4+00.000	2776	778,938.2	847,581.0	1,369.00				Average	
		6+00.000	2777	779,129.9	847,638.0	1,370.40				Average	
		8+00.000	2778	779,321.6	847,694.9	1,372.20				Average	
		10+00.000	2779	779,513.4	847,751.8	1,372.90				Average	
		12+00.000	2780	779,705.1	847,808.8	1,372.70				Average	
		13+99.986	2781	779,897.7	847,862.6	1,371.50				Average	
		15+99.970	2782	780,092.5	847,908.0	1,369.00				Average	
		17+99.968	2783	780,288.6	847,946.8	1,365.60				Average	
		19+99.968	2784	780,484.9	847,985.2	1,364.00				Average	
		21+98.549	2785	780,642.9	848,015.6	1,366.80					
SR202_EB_In_1	36.0	point563	563	764,577.6	847,165.6	1,326.40				Average	
		point564	564	764,777.6	847,166.0	1,328.00				Average	
		point565	565	764,977.6	847,166.4	1,328.70				Average	
		point566	566	765,177.6	847,166.8	1,329.30				Average	

		point567	567	765,377.6	847,167.3	1,327.40				Average	
		point568	568	765,577.6	847,167.7	1,326.30				Average	
		point569	569	765,777.6	847,168.1	1,325.70				Average	
		point570	570	765,977.6	847,168.5	1,324.60				Average	
		point571	571	766,177.6	847,168.9	1,324.00				Average	
		point572	572	766,377.6	847,169.3	1,323.10				Average	
		point573	573	766,577.6	847,169.7	1,322.60				Average	
		point574	574	766,777.6	847,170.2	1,321.80				Average	
		point575	575	766,977.6	847,170.6	1,320.70				Average	
		point576	576	767,177.6	847,171.0	1,319.90				Average	
		point577	577	767,377.6	847,171.4	1,319.40				Average	
		point578	578	767,577.6	847,171.8	1,318.40				Average	
		point579	579	767,777.6	847,172.2	1,318.30				Average	
		point580	580	767,977.6	847,172.7	1,318.60				Average	
		point581	581	768,177.6	847,173.1	1,319.80					
SR202_EB_Out_1	36.0	point858	858	764,577.7	847,141.6	1,326.40				Average	
		point857	857	764,625.3	847,141.7	1,326.80				Average	
		point856	856	764,825.3	847,142.1	1,328.90				Average	
		point855	855	765,025.3	847,142.5	1,328.70				Average	
		point854	854	765,225.3	847,142.9	1,328.60				Average	
		point853	853	765,425.3	847,143.4	1,327.20				Average	
		point852	852	765,625.3	847,143.8	1,325.90				Average	
		point851	851	765,825.3	847,144.2	1,325.60				Average	
		point850	850	766,025.3	847,144.6	1,324.80				Average	
		point849	849	766,225.3	847,145.0	1,323.90				Average	
		point848	848	766,425.3	847,145.4	1,323.00				Average	
		point847	847	766,625.3	847,145.8	1,322.30				Average	
		point846	846	766,825.3	847,146.3	1,321.50				Average	
		point845	845	767,025.3	847,146.7	1,320.60				Average	
		point844	844	767,225.3	847,147.1	1,320.00				Average	
		point843	843	767,425.3	847,147.5	1,319.10				Average	
		point842	842	767,625.3	847,147.9	1,318.50				Average	
		point841	841	767,825.3	847,148.3	1,318.40				Average	
		point840	840	768,025.3	847,148.8	1,318.80				Average	
		point839	839	768,225.3	847,149.2	1,320.00					
Hawes Rd RampD	12.0	point2851	2851	780,727.3	848,011.6	1,366.70	Onramp	15.00	100	Average	
		24+22.548	2787	780,873.2	848,049.9	1,364.70				Average	
		26+22.167	2788	781,061.5	848,115.9	1,366.70				Average	
		28+21.845	2789	781,231.3	848,221.1	1,372.20				Average	

		30+21.738	2790	781,385.2	848,348.7	1,377.00				Average	
		32+21.648	2791	781,523.9	848,492.6	1,381.60				Average	
		34+21.648	2792	781,657.3	848,641.6	1,386.50				Average	
		36+21.648	2793	781,790.7	848,790.6	1,390.90				Average	
		38+01.648	2794	781,910.7	848,924.8	1,393.90				Average	
		40+21.648	2795	782,057.4	849,088.7	1,396.20				Average	
		42+21.648	2796	782,190.8	849,237.8	1,396.90				Average	
		44+21.648	2797	782,324.2	849,386.8	1,398.90				Average	
		46+32.821	2798	782,421.9	849,518.7	1,399.30					
Hawes Rd RampC	24.0	0+00.000	2852	782,530.3	849,860.1	1,401.10				Average	
		2+00.000	2853	782,473.6	849,793.0	1,398.10				Average	
		4+00.000	2854	782,347.8	849,637.4	1,397.80				Average	
		6+00.000	2855	782,212.5	849,490.2	1,395.50				Average	
		8+00.000	2856	782,069.5	849,350.3	1,393.20				Average	
		10+00.000	2857	781,919.1	849,218.5	1,390.90				Average	
		12+00.000	2858	781,761.8	849,095.0	1,388.60				Average	
		14+00.000	2859	781,597.3	848,981.3	1,385.50				Average	
		16+00.000	2860	781,426.3	848,877.5	1,381.90				Average	
		18+00.000	2861	781,250.0	848,783.1	1,376.50				Average	
		20+00.000	2862	781,064.9	848,707.2	1,371.30				Average	
		22+00.000	2863	780,874.7	848,645.6	1,366.30				Average	
		24+00.000	2864	780,724.6	848,599.2	1,367.90					
Hawes Rd RampA	12.0	0+00.000	2865	780,642.1	848,599.1	1,368.00	Onramp	15.00	100	Average	
		2+00.000	2866	780,494.0	848,547.3	1,365.90				Average	
		4+00.000	2867	780,307.0	848,476.4	1,367.80				Average	
		6+00.000	2868	780,126.9	848,389.4	1,369.90				Average	
		8+00.000	2869	779,955.1	848,287.1	1,372.30				Average	
		10+00.000	2870	779,787.8	848,177.4	1,374.40				Average	
		12+00.000	2871	779,617.6	848,072.5	1,374.90				Average	
		14+00.000	2872	779,442.8	847,975.2	1,374.20				Average	
		16+00.000	2873	779,263.9	847,885.8	1,372.10				Average	
		18+00.000	2874	779,081.3	847,804.1	1,369.60				Average	
		20+00.000	2875	778,895.5	847,730.2	1,367.00				Average	
		22+00.000	2876	778,800.2	847,691.0	1,365.10					
SR202_EB_Out_2	36.0	point2882	2882	768,225.3	847,149.2	1,320.00				Average	
		point838	838	768,425.3	847,149.6	1,321.40				Average	
		point837	837	768,625.3	847,150.0	1,323.30				Average	
		point836	836	768,825.3	847,150.4	1,326.00				Average	
		point835	835	769,025.3	847,150.8	1,328.80				Average	

		point834	834	769,225.3	847,151.3	1,332.10				Average	
		point833	833	769,425.3	847,151.7	1,334.90				Average	
		point832	832	769,625.3	847,152.1	1,338.10				Average	
		point831	831	769,825.3	847,152.5	1,341.20				Average	
		point830	830	770,025.3	847,152.9	1,345.10				Average	Y
		point829	829	770,225.3	847,153.3	1,348.00				Average	Y
		point828	828	770,425.3	847,153.8	1,351.60				Average	Y
		point827	827	770,625.3	847,154.2	1,351.30				Average	
		point826	826	770,825.3	847,154.6	1,353.60				Average	
		point825	825	771,025.3	847,155.0	1,354.60				Average	
		point824	824	771,225.3	847,155.4	1,357.30				Average	
		point823	823	771,425.3	847,155.8	1,358.50				Average	
		point822	822	771,625.3	847,156.2	1,358.00				Average	
		point821	821	771,825.3	847,156.7	1,358.00				Average	
		point820	820	772,025.3	847,157.1	1,357.50				Average	
		point819	819	772,225.3	847,157.5	1,355.80				Average	
		point818	818	772,425.3	847,157.9	1,354.80				Average	
		point817	817	772,625.3	847,158.3	1,352.90				Average	
		point816	816	772,825.3	847,158.7	1,351.40				Average	
		point815	815	773,025.3	847,159.2	1,349.20					
SR202_EB_In_2	36.0	point2883	2883	768,177.6	847,173.1	1,319.80				Average	
		point582	582	768,377.6	847,173.5	1,321.10				Average	
		point583	583	768,577.6	847,173.9	1,322.50				Average	
		point584	584	768,777.6	847,174.3	1,325.50				Average	
		point585	585	768,977.6	847,174.7	1,328.00				Average	
		point586	586	769,177.6	847,175.2	1,331.40				Average	
		point587	587	769,377.6	847,175.6	1,334.20				Average	
		point588	588	769,577.6	847,176.0	1,337.40				Average	
		point589	589	769,777.6	847,176.4	1,340.50				Average	
		point590	590	769,977.6	847,176.8	1,343.80				Average	Y
		point591	591	770,177.6	847,177.2	1,348.00				Average	Y
		point592	592	770,377.6	847,177.7	1,351.00				Average	Y
		point593	593	770,577.6	847,178.1	1,351.00				Average	
		point594	594	770,777.6	847,178.5	1,353.00				Average	
		point595	595	770,977.6	847,178.9	1,354.50				Average	
		point596	596	771,177.6	847,179.3	1,356.40				Average	
		point597	597	771,377.6	847,179.7	1,358.50				Average	
		point598	598	771,577.6	847,180.1	1,358.00				Average	
		point599	599	771,777.6	847,180.6	1,358.00				Average	

		point600	600	771,977.6	847,181.0	1,358.20				Average	
		point601	601	772,177.6	847,181.4	1,356.10				Average	
		point602	602	772,377.6	847,181.8	1,355.40				Average	
		point603	603	772,577.6	847,182.2	1,353.20				Average	
		point604	604	772,777.6	847,182.6	1,351.90				Average	
		point605	605	772,977.6	847,183.1	1,349.60					
SR202_WB_Out_10	36.0	point2884	2884	768,244.7	847,263.2	1,320.00				Average	
		point1200	1200	768,044.7	847,262.8	1,318.90				Average	
		point1201	1201	767,844.7	847,262.4	1,318.40				Average	
		point1202	1202	767,644.7	847,262.0	1,318.40				Average	
		point1203	1203	767,444.7	847,261.6	1,318.90				Average	
		point1204	1204	767,244.7	847,261.1	1,320.00				Average	
		point1205	1205	767,044.7	847,260.7	1,320.70				Average	
		point1206	1206	766,844.7	847,260.3	1,321.40				Average	
		point1207	1207	766,644.7	847,259.9	1,322.20				Average	
		point1208	1208	766,444.7	847,259.5	1,323.00				Average	
		point1209	1209	766,244.7	847,259.1	1,323.70				Average	
		point1210	1210	766,044.7	847,258.6	1,324.60				Average	
		point1211	1211	765,844.7	847,258.2	1,325.50				Average	
		point1212	1212	765,644.7	847,257.8	1,326.00				Average	
		point1213	1213	765,444.7	847,257.4	1,327.20				Average	
		point1214	1214	765,244.7	847,257.0	1,328.40				Average	
		point1215	1215	765,044.7	847,256.6	1,328.70				Average	
		point1216	1216	764,844.7	847,256.1	1,329.40				Average	
		point1217	1217	764,644.7	847,255.7	1,326.90				Average	
		point1218	1218	764,577.4	847,255.6	1,326.40					
SR202_WB_In_10	36.0	point2885	2885	768,177.5	847,239.1	1,319.80				Average	
		point876	876	767,977.5	847,238.7	1,318.60				Average	
		point875	875	767,777.5	847,238.2	1,318.30				Average	
		point874	874	767,577.5	847,237.8	1,318.40				Average	
		point873	873	767,377.5	847,237.4	1,319.40				Average	
		point872	872	767,177.5	847,237.0	1,319.90				Average	
		point871	871	766,977.5	847,236.6	1,320.70				Average	
		point870	870	766,777.5	847,236.2	1,321.80				Average	
		point869	869	766,577.5	847,235.7	1,322.60				Average	
		point868	868	766,377.5	847,235.3	1,323.10				Average	
		point867	867	766,177.5	847,234.9	1,324.00				Average	
		point866	866	765,977.5	847,234.5	1,324.60				Average	
		point865	865	765,777.5	847,234.1	1,325.70				Average	

		point864	864	765,577.5	847,233.7	1,326.30				Average	
		point863	863	765,377.5	847,233.3	1,327.40				Average	
		point862	862	765,177.5	847,232.8	1,329.30				Average	
		point861	861	764,977.5	847,232.4	1,328.70				Average	
		point860	860	764,777.5	847,232.0	1,328.00				Average	
		point859	859	764,577.5	847,231.6	1,326.40					
SR202_EB_Out_3	36.0	point2886	2886	773,025.3	847,159.2	1,349.20				Average	
		point814	814	773,225.3	847,159.6	1,348.80				Average	
		point813	813	773,425.3	847,160.0	1,346.50				Average	
		point812	812	773,625.3	847,160.4	1,346.30				Average	
		point811	811	773,825.3	847,160.8	1,347.70				Average	
		point810	810	774,025.3	847,161.2	1,348.60				Average	
		point809	809	774,225.3	847,161.7	1,351.90				Average	
		point808	808	774,425.3	847,162.1	1,355.30				Average	
		point807	807	774,625.3	847,162.5	1,360.60				Average	
		point806	806	774,825.3	847,162.9	1,364.00				Average	
		point805	805	775,025.3	847,163.3	1,366.00				Average	
		point804	804	775,225.3	847,163.7	1,367.80				Average	
		point803	803	775,425.3	847,164.2	1,367.50				Average	
		point802	802	775,625.3	847,164.6	1,367.30				Average	
		point801	801	775,825.3	847,165.0	1,364.40				Average	
		point800	800	776,025.3	847,165.4	1,363.30				Average	
		point799	799	776,225.3	847,165.8	1,361.30				Average	
		point798	798	776,425.3	847,166.4	1,359.60				Average	
		point797	797	776,625.2	847,170.7	1,359.50				Average	
		point796	796	776,825.0	847,180.2	1,356.60					
SR202_EB_In_3	36.0	point2887	2887	772,977.6	847,183.1	1,349.60				Average	
		point606	606	773,177.6	847,183.5	1,348.10				Average	
		point607	607	773,377.6	847,183.9	1,346.70				Average	
		point608	608	773,577.6	847,184.3	1,346.20				Average	
		point609	609	773,777.6	847,184.7	1,347.70				Average	
		point610	610	773,977.6	847,185.1	1,348.00				Average	
		point611	611	774,177.6	847,185.6	1,351.30				Average	
		point612	612	774,377.6	847,186.0	1,354.10				Average	
		point613	613	774,577.6	847,186.4	1,359.30				Average	
		point614	614	774,777.6	847,186.8	1,363.20				Average	
		point615	615	774,977.6	847,187.2	1,365.70				Average	
		point616	616	775,177.6	847,187.6	1,367.50				Average	
		point617	617	775,377.6	847,188.1	1,367.50				Average	

		point618	618	775,577.6	847,188.5	1,367.60				Average	
		point619	619	775,777.6	847,188.9	1,365.00				Average	
		point620	620	775,977.6	847,189.3	1,363.20				Average	
		point621	621	776,177.6	847,189.7	1,361.70				Average	
		point622	622	776,377.6	847,190.1	1,360.10				Average	
		point623	623	776,577.6	847,193.2	1,359.90				Average	
		point624	624	776,777.4	847,201.5	1,357.10					
SR202_WB_Out_9	36.0	point2888	2888	773,444.7	847,274.0	1,346.40				Average	
		point1174	1174	773,244.7	847,273.6	1,348.50				Average	
		point1175	1175	773,044.7	847,273.2	1,349.00				Average	
		point1176	1176	772,844.7	847,272.8	1,351.10				Average	
		point1177	1177	772,644.7	847,272.4	1,352.80				Average	
		point1178	1178	772,444.7	847,272.0	1,354.60				Average	
		point1179	1179	772,244.7	847,271.5	1,355.70				Average	
		point1180	1180	772,044.7	847,271.1	1,356.70				Average	
		point1181	1181	771,844.7	847,270.7	1,359.00				Average	
		point1182	1182	771,644.7	847,270.3	1,358.00				Average	
		point1183	1183	771,444.7	847,269.9	1,358.60				Average	
		point1184	1184	771,244.7	847,269.5	1,357.60				Average	
		point1185	1185	771,044.7	847,269.0	1,354.80				Average	
		point1186	1186	770,844.7	847,268.6	1,353.80				Average	
		point1187	1187	770,644.7	847,268.2	1,351.40				Average	
		point1188	1188	770,444.7	847,267.8	1,351.60				Average	Y
		point1189	1189	770,244.7	847,267.4	1,349.00				Average	Y
		point1190	1190	770,044.7	847,267.0	1,345.70				Average	Y
		point1191	1191	769,844.7	847,266.5	1,341.60				Average	
		point1192	1192	769,644.7	847,266.1	1,338.50				Average	
		point1193	1193	769,444.7	847,265.7	1,335.30				Average	
		point1194	1194	769,244.7	847,265.3	1,332.50				Average	
		point1195	1195	769,044.7	847,264.9	1,329.00				Average	
		point1196	1196	768,844.7	847,264.5	1,326.20				Average	
		point1197	1197	768,644.7	847,264.0	1,323.60				Average	
		point1198	1198	768,444.7	847,263.6	1,321.50				Average	
		point1199	1199	768,244.7	847,263.2	1,320.00					
SR202_WB_In_9	36.0	point2889	2889	773,377.5	847,249.9	1,346.70				Average	
		point902	902	773,177.5	847,249.5	1,348.10				Average	
		point901	901	772,977.5	847,249.1	1,349.60				Average	
		point900	900	772,777.5	847,248.6	1,351.90				Average	
		point899	899	772,577.5	847,248.2	1,353.20				Average	

		point898	898	772,377.5	847,247.8	1,355.40				Average	
		point897	897	772,177.5	847,247.4	1,356.10				Average	
		point896	896	771,977.5	847,247.0	1,358.20				Average	
		point895	895	771,777.5	847,246.6	1,358.00				Average	
		point894	894	771,577.5	847,246.1	1,358.00				Average	
		point893	893	771,377.5	847,245.7	1,358.50				Average	
		point892	892	771,177.5	847,245.3	1,356.40				Average	
		point891	891	770,977.5	847,244.9	1,354.50				Average	
		point890	890	770,777.5	847,244.5	1,353.00				Average	
		point889	889	770,577.5	847,244.1	1,351.00				Average	
		point888	888	770,377.5	847,243.7	1,351.00				Average	Y
		point887	887	770,177.5	847,243.2	1,348.00				Average	Y
		point886	886	769,977.5	847,242.8	1,343.80				Average	Y
		point885	885	769,777.5	847,242.4	1,340.50				Average	
		point884	884	769,577.5	847,242.0	1,337.40				Average	
		point883	883	769,377.5	847,241.6	1,334.20				Average	
		point882	882	769,177.5	847,241.2	1,331.40				Average	
		point881	881	768,977.5	847,240.7	1,328.00				Average	
		point880	880	768,777.5	847,240.3	1,325.50				Average	
		point879	879	768,577.5	847,239.9	1,322.50				Average	
		point878	878	768,377.5	847,239.5	1,321.10				Average	
		point877	877	768,177.5	847,239.1	1,319.80					
SR202_WB_Out_8	36.0	point2890	2890	776,244.7	847,279.9	1,361.30				Average	
		point1160	1160	776,044.7	847,279.4	1,363.30				Average	
		point1161	1161	775,844.7	847,279.0	1,364.20				Average	
		point1162	1162	775,644.7	847,278.6	1,367.10				Average	
		point1163	1163	775,444.7	847,278.2	1,367.50				Average	
		point1164	1164	775,244.7	847,277.8	1,367.80				Average	
		point1165	1165	775,044.7	847,277.4	1,366.20				Average	
		point1166	1166	774,844.7	847,276.9	1,364.10				Average	
		point1167	1167	774,644.7	847,276.5	1,360.80				Average	
		point1168	1168	774,444.7	847,276.1	1,355.70				Average	
		point1169	1169	774,244.7	847,275.7	1,352.20				Average	
		point1170	1170	774,044.7	847,275.3	1,348.90				Average	
		point1171	1171	773,844.7	847,274.9	1,347.60				Average	
		point1172	1172	773,644.7	847,274.4	1,346.30				Average	
		point1173	1173	773,444.7	847,274.0	1,346.40					
SR202_WB_In_8	36.0	point2891	2891	776,177.5	847,255.7	1,361.70				Average	
		point916	916	775,977.5	847,255.3	1,363.20				Average	

		point915	915	775,777.5	847,254.9	1,365.00				Average	
		point914	914	775,577.5	847,254.5	1,367.60				Average	
		point913	913	775,377.5	847,254.1	1,367.50				Average	
		point912	912	775,177.5	847,253.6	1,367.50				Average	
		point911	911	774,977.5	847,253.2	1,365.70				Average	
		point910	910	774,777.5	847,252.8	1,363.20				Average	
		point909	909	774,577.5	847,252.4	1,359.30				Average	
		point908	908	774,377.5	847,252.0	1,354.10				Average	
		point907	907	774,177.5	847,251.6	1,351.30				Average	
		point906	906	773,977.5	847,251.1	1,348.00				Average	
		point905	905	773,777.5	847,250.7	1,347.70				Average	
		point904	904	773,577.5	847,250.3	1,346.20				Average	
		point903	903	773,377.5	847,249.9	1,346.70					
SR202_EB_Out_4	36.0	point2892	2892	776,825.0	847,180.2	1,356.60				Average	
		point795	795	777,024.4	847,194.9	1,355.30				Average	
		point794	794	777,223.5	847,214.8	1,354.40				Average	
		point793	793	777,421.9	847,239.8	1,353.00				Average	
		point792	792	777,619.6	847,270.0	1,352.70				Average	
		point791	791	777,816.4	847,305.3	1,353.10				Average	
		point790	790	778,012.3	847,345.7	1,354.30				Average	
		point789	789	778,207.0	847,391.2	1,356.10				Average	
		point788	788	778,400.5	847,441.8	1,358.80				Average	
		point787	787	778,592.7	847,497.3	1,361.40					
SR202_EB_In_4	36.0	point2893	2893	776,777.4	847,201.5	1,357.10				Average	
		point625	625	776,976.9	847,215.0	1,355.70				Average	
		point626	626	777,176.1	847,233.7	1,354.70				Average	
		point627	627	777,374.6	847,257.6	1,353.10				Average	
		point628	628	777,572.5	847,286.6	1,352.50				Average	
		point629	629	777,769.5	847,320.8	1,352.80				Average	
		point630	630	777,965.6	847,360.2	1,353.80				Average	
		point631	631	778,160.6	847,404.6	1,355.70				Average	
		point632	632	778,354.4	847,454.1	1,358.40				Average	
		point633	633	778,546.8	847,508.6	1,360.90					
SR202_EB_Out_5	36.0	point2894	2894	778,592.7	847,497.3	1,361.40				Average	
		point786	786	778,783.3	847,557.9	1,364.30				Average	
		point785	785	778,972.3	847,623.3	1,367.00				Average	
		point784	784	779,160.7	847,690.4	1,369.20				Average	
		point783	783	779,349.1	847,757.5	1,372.10				Average	
		point782	782	779,537.5	847,824.6	1,375.00				Average	

		point781	781	779,725.9	847,891.7	1,378.20				Average	
		point780	780	779,914.3	847,958.8	1,380.80				Average	
		point779	779	780,102.7	848,025.9	1,383.60				Average	
		point778	778	780,291.1	848,093.0	1,386.00				Average	
		point777	777	780,479.4	848,160.4	1,390.10				Average	Y
		point776	776	780,665.5	848,233.8	1,391.00				Average	Y
		point775	775	780,848.2	848,315.1	1,391.30				Average	Y
		point774	774	781,027.2	848,404.2	1,390.90				Average	
		point773	773	781,202.2	848,500.9	1,390.70				Average	
		point772	772	781,372.9	848,605.1	1,390.00				Average	
		point771	771	781,539.0	848,716.6	1,389.90				Average	
		point770	770	781,700.1	848,835.1	1,390.70				Average	
		point769	769	781,855.9	848,960.4	1,391.30				Average	
		point768	768	782,006.2	849,092.4	1,393.50				Average	
		point767	767	782,150.7	849,230.7	1,394.80				Average	
		point766	766	782,289.0	849,375.1	1,397.30				Average	
		point765	765	782,421.0	849,525.3	1,399.30					
SR202_EB_ln_5	36.0	point2895	2895	778,546.8	847,508.6	1,360.90				Average	
		point634	634	778,737.7	847,568.2	1,363.50				Average	
		point635	635	778,927.1	847,632.6	1,366.50				Average	
		point636	636	779,115.5	847,699.8	1,368.70				Average	
		point637	637	779,303.9	847,766.9	1,372.10				Average	
		point638	638	779,492.3	847,834.0	1,374.50				Average	
		point639	639	779,680.7	847,901.1	1,377.40				Average	
		point640	640	779,869.1	847,968.2	1,380.40				Average	
		point641	641	780,057.5	848,035.3	1,382.60				Average	
		point642	642	780,245.9	848,102.4	1,385.60				Average	
		point643	643	780,434.3	848,169.5	1,388.50				Average	Y
		point644	644	780,620.9	848,241.3	1,391.00				Average	Y
		point645	645	780,804.3	848,321.1	1,391.70				Average	Y
		point646	646	780,984.1	848,408.8	1,390.70				Average	
		point647	647	781,159.8	848,504.2	1,390.80				Average	
		point648	648	781,331.3	848,607.1	1,390.20				Average	
		point649	649	781,498.2	848,717.3	1,389.80				Average	
		point650	650	781,660.1	848,834.7	1,390.90				Average	
		point651	651	781,816.8	848,959.0	1,391.10				Average	
		point652	652	781,967.9	849,089.9	1,393.20				Average	
		point653	653	782,113.2	849,227.3	1,394.40				Average	
		point654	654	782,252.5	849,370.9	1,397.10				Average	

		point655	655	782,385.4	849,520.3	1,399.00					
SR202_WB_Out_7	36.0	point2896	2896	778,800.4	847,683.9	1,365.10				Average	
		point1147	1147	778,610.2	847,622.0	1,362.10				Average	
		point1148	1148	778,418.5	847,565.1	1,359.70				Average	
		point1149	1149	778,225.3	847,513.3	1,357.10				Average	
		point1150	1150	778,030.8	847,466.7	1,354.60				Average	
		point1151	1151	777,835.2	847,425.1	1,353.20				Average	
		point1152	1152	777,638.5	847,388.8	1,352.50				Average	
		point1153	1153	777,441.0	847,357.7	1,352.80				Average	
		point1154	1154	777,242.7	847,331.7	1,354.10				Average	
		point1155	1155	777,043.7	847,311.1	1,355.10				Average	
		point1156	1156	776,844.3	847,295.6	1,356.30				Average	
		point1157	1157	776,644.6	847,285.5	1,359.60				Average	
		point1158	1158	776,444.7	847,280.6	1,359.40				Average	
		point1159	1159	776,244.7	847,279.9	1,361.30					
SR202_WB_In_7	36.0	point2897	2897	778,736.9	847,637.3	1,363.90				Average	
		point929	929	778,546.2	847,577.3	1,361.10				Average	
		point928	928	778,353.9	847,522.3	1,358.70				Average	
		point927	927	778,160.2	847,472.4	1,355.80				Average	
		point926	926	777,965.3	847,427.6	1,354.00				Average	
		point925	925	777,769.3	847,387.9	1,352.80				Average	
		point924	924	777,572.3	847,353.4	1,352.50				Average	
		point923	923	777,374.4	847,324.1	1,353.10				Average	
		point922	922	777,175.9	847,300.1	1,354.70				Average	
		point921	921	776,976.8	847,281.2	1,355.70				Average	
		point920	920	776,777.3	847,267.6	1,357.00				Average	
		point919	919	776,577.4	847,259.2	1,359.90				Average	
		point918	918	776,377.5	847,256.1	1,360.10				Average	
		point917	917	776,177.5	847,255.7	1,361.70					
SR202_WB_Out_6	36.0	point2900	2900	782,530.2	849,849.6	1,401.10				Average	
		point1125	1125	782,409.0	849,690.5	1,399.80				Average	
		point1126	1126	782,280.9	849,536.9	1,398.30				Average	
		point1127	1127	782,146.1	849,389.2	1,396.30				Average	
		point1128	1128	782,005.0	849,247.5	1,394.20				Average	
		point1129	1129	781,857.7	849,112.2	1,392.60				Average	
		point1130	1130	781,704.6	848,983.6	1,391.30				Average	
		point1131	1131	781,545.9	848,861.9	1,390.20				Average	
		point1132	1132	781,382.1	848,747.2	1,389.50				Average	
		point1133	1133	781,213.3	848,640.0	1,390.30				Average	

		point1134	1134	781,039.9	848,540.3	1,391.10				Average	
		point1135	1135	780,862.3	848,448.3	1,391.30				Average	Y
		point1136	1136	780,680.8	848,364.4	1,391.00				Average	Y
		point1137	1137	780,495.8	848,288.5	1,390.60				Average	Y
		point1138	1138	780,307.9	848,220.0	1,386.80				Average	
		point1139	1139	780,119.5	848,152.9	1,384.30				Average	
		point1140	1140	779,931.1	848,085.8	1,381.10				Average	
		point1141	1141	779,742.7	848,018.7	1,379.30				Average	
		point1142	1142	779,554.3	847,951.6	1,375.90				Average	
		point1143	1143	779,365.9	847,884.5	1,373.60				Average	
		point1144	1144	779,177.4	847,817.4	1,370.30				Average	
		point1145	1145	778,989.0	847,750.3	1,367.70				Average	
		point1146	1146	778,800.4	847,683.9	1,365.10					
SR202_WB_In_6	36.0	point2901	2901	782,496.1	849,763.4	1,400.40				Average	
		point951	951	782,371.8	849,606.7	1,399.70				Average	
		point950	950	782,240.7	849,455.7	1,397.50				Average	
		point949	949	782,103.2	849,310.5	1,395.20				Average	
		point948	948	781,959.3	849,171.5	1,393.80				Average	
		point947	947	781,809.6	849,039.0	1,391.50				Average	
		point946	946	781,654.1	848,913.2	1,390.70				Average	
		point945	945	781,493.2	848,794.4	1,389.90				Average	
		point944	944	781,327.3	848,682.8	1,390.00				Average	
		point943	943	781,156.7	848,578.5	1,390.70				Average	
		point942	942	780,981.6	848,481.9	1,390.90				Average	
		point941	941	780,802.4	848,393.0	1,391.60				Average	Y
		point940	940	780,619.5	848,312.1	1,391.00				Average	Y
		point939	939	780,433.2	848,239.4	1,389.90				Average	Y
		point938	938	780,244.9	848,172.1	1,385.80				Average	
		point937	937	780,056.5	848,105.0	1,383.20				Average	
		point936	936	779,868.1	848,037.9	1,380.50				Average	
		point935	935	779,679.7	847,970.8	1,377.70				Average	
		point934	934	779,491.3	847,903.7	1,374.80				Average	
		point933	933	779,302.9	847,836.6	1,372.20				Average	
		point932	932	779,114.5	847,769.5	1,369.10				Average	
		point931	931	778,926.1	847,702.3	1,366.70				Average	
		point930	930	778,736.9	847,637.3	1,363.90					
Hawes Rd SB_up	24.0	point2959	2959	780,649.0	848,962.8	1,369.10				Average	
		point2960	2960	780,645.5	848,598.5	1,367.80					
Hawes Rd NB_up	24.0	point2968	2968	780,711.6	847,274.4	1,367.10				Average	

		point2964	2964	780,724.9	848,006.8	1,366.70					
Hawes Rd NB	24.0	point3030	3030	780,724.9	848,006.8	1,366.70				Average	
		point2965	2965	780,722.1	848,593.8	1,367.90					
Hawes Rd NB_down	24.0	point3031	3031	780,722.1	848,593.8	1,367.90				Average	
		point2966	2966	780,719.3	848,957.3	1,369.70					
Hawes Rd SB	24.0	point3032	3032	780,645.5	848,598.5	1,367.80				Average	
		point2961	2961	780,643.4	848,016.2	1,366.40					
Hawes Rd SB_down	24.0	point3033	3033	780,643.4	848,016.2	1,366.40				Average	
		point2962	2962	780,654.5	847,274.9	1,367.00					
Power Rd NB	36.0	point3034	3034	770,305.4	846,996.9	1,323.50				Average	
		20+36.94	1736	770,294.4	847,406.9	1,323.50					
Power Rd NB_down	36.0	point3035	3035	770,294.4	847,406.9	1,323.50				Average	
		26+05.42	1737	770,274.9	847,890.8	1,322.90					
Power Rd SB	36.0	point3036	3036	770,213.1	847,403.4	1,323.50				Average	
		8+19.39	1732	770,219.6	847,010.2	1,323.60					
Power Rd SB_down	36.0	point3037	3037	770,219.6	847,010.2	1,323.60				Average	
		12+66.30	1733	770,231.7	846,623.2	1,322.60					
SR202EBtoSR24EB_down	12.0	point3040	3040	779,703.6	847,561.3	1,373.30				Average	
		32+00.000	1628	779,896.3	847,614.6	1,377.80				Average	
		34+00.000	1629	780,089.1	847,667.9	1,383.80				Average	
		36+00.000	1630	780,281.9	847,721.3	1,388.50				Average	
		38+00.000	1631	780,475.3	847,772.0	1,391.40				Average	Y
		40+00.000	1632	780,672.8	847,802.4	1,392.60				Average	Y
		42+00.000	1633	780,872.6	847,808.4	1,392.10				Average	Y
		44+00.000	1634	781,071.7	847,790.0	1,389.80				Average	
		46+00.000	1635	781,267.0	847,747.5	1,386.40				Average	
		48+00.000	1636	781,455.6	847,681.5	1,385.40				Average	
		50+00.000	1637	781,634.9	847,593.0	1,387.60				Average	
		52+00.000	1638	781,802.0	847,483.4	1,392.10				Average	
		54+00.000	1639	781,954.5	847,354.2	1,395.20				Average	
		56+00.000	1640	782,090.1	847,207.3	1,396.30				Average	
		58+00.000	1641	782,206.8	847,045.1	1,395.30				Average	
		60+00.000	2694	782,283.4	846,922.4	1,393.60				Average	
		60+00.000	1642	782,373.8	846,778.9	1,391.00					
SR24WBtoSR202EB-2	24.0	point3042	3042	782,614.8	846,689.4	1,380.40				Average	
		44+00.000	1552	782,509.7	846,859.6	1,378.80				Average	
		42+00.000	1551	782,413.5	847,034.8	1,377.70				Average	
		40+00.000	1550	782,332.9	847,217.8	1,377.00				Average	
		38+00.000	1549	782,268.6	847,407.1	1,376.70				Average	

		36+00.000	1548	782,221.0	847,601.3	1,377.00				Average	
		34+00.000	1547	782,190.5	847,798.9	1,377.70				Average	
		32+00.000	1546	782,177.4	847,998.4	1,378.90				Average	
		30+00.000	1545	782,181.7	848,198.3	1,380.50				Average	
		28+00.000	1544	782,203.4	848,397.1	1,382.60				Average	
		26+00.000	1543	782,242.4	848,593.2	1,385.20				Average	
		24+00.000	1542	782,298.3	848,785.1	1,387.90				Average	
		22+00.000	1541	782,370.7	848,971.5	1,390.60				Average	
		20+00.000	1540	782,457.9	849,151.5	1,393.30				Average	
		18+00.000	1539	782,547.8	849,330.1	1,395.90					
SR202WBtoSR24EB-2	24.0	point3046	3046	782,500.6	849,954.9	1,401.40				Average	Y
		20+00.000	1587	782,370.8	849,802.7	1,404.20				Average	Y
		22+00.000	1588	782,233.4	849,657.4	1,407.90				Average	Y
		24+00.000	1589	782,088.9	849,519.2	1,412.50				Average	Y
		26+00.000	1590	781,937.6	849,388.4	1,418.00				Average	Y
		28+00.000	1591	781,783.5	849,260.9	1,424.30				Average	Y
		30+00.000	1592	781,633.6	849,128.7	1,430.70				Average	Y
		32+00.000	1593	781,505.7	848,975.2	1,437.00				Average	Y
		34+00.000	1594	781,404.9	848,802.7	1,443.20				Average	Y
		36+00.000	1595	781,334.0	848,616.0	1,447.50				Average	Y
		38+00.000	1596	781,294.9	848,420.1	1,449.40				Average	Y
		40+00.000	1597	781,288.6	848,220.4	1,449.00				Average	Y
		42+00.000	1598	781,315.4	848,022.4	1,446.20				Average	Y
		44+00.000	1599	781,374.5	847,831.6	1,441.00				Average	Y
		46+00.000	1600	781,464.3	847,653.1	1,433.80				Average	Y
		48+00.000	1601	781,582.3	847,491.9	1,426.00				Average	
		50+00.000	1602	781,719.3	847,346.3	1,418.30				Average	
		52+00.000	1603	781,857.4	847,201.6	1,410.60				Average	
		54+00.000	1604	781,995.4	847,056.9	1,402.90				Average	
		56+00.000	1605	782,131.5	846,910.3	1,395.40				Average	
		58+00.000	1606	782,263.2	846,759.8	1,390.10				Average	
		60+00.000	1607	782,390.5	846,605.5	1,387.00					

AZTEC **1 May 2025**
AZTEC **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **F0719 SR24, SR 202L to Ironwood Drive**
RUN: **SR24, 2050 Build**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
SR24WBtoSR202WB	78+00.000	1529	2686	60	248	60	50	60	0	0	0	0
	76+00.000	1528	2686	60	248	60	50	60	0	0	0	0
	74+00.000	1527	2686	60	248	60	50	60	0	0	0	0
	72+00.000	1526	2686	60	248	60	50	60	0	0	0	0
	70+00.000	1525	2686	60	248	60	50	60	0	0	0	0
	68+00.000	1524	2686	60	248	60	50	60	0	0	0	0
	66+00.000	1523	2686	60	248	60	50	60	0	0	0	0
	64+00.000	1522	2686	60	248	60	50	60	0	0	0	0
	62+00.000	1521	2686	60	248	60	50	60	0	0	0	0
	60+00.000	1520	2686	60	248	60	50	60	0	0	0	0
	58+00.000	1519	2686	60	248	60	50	60	0	0	0	0
	56+00.000	1518	2686	60	248	60	50	60	0	0	0	0
	54+00.000	1517	2686	60	248	60	50	60	0	0	0	0
	52+00.000	1516	2686	60	248	60	50	60	0	0	0	0
	50+00.000	1515	2686	60	248	60	50	60	0	0	0	0
	48+00.000	1514	2686	60	248	60	50	60	0	0	0	0
	46+00.000	1513	2686	60	248	60	50	60	0	0	0	0
	44+00.000	1512	2686	60	248	60	50	60	0	0	0	0
	42+00.000	1511	2686	60	248	60	50	60	0	0	0	0
	40+00.000	1510	2686	60	248	60	50	60	0	0	0	0
	38+00.000	1509	2686	60	248	60	50	60	0	0	0	0
	36+00.000	1508	2686	60	248	60	50	60	0	0	0	0
	34+00.000	1507	2686	60	248	60	50	60	0	0	0	0

	32+00.000	1506	2686	60	248	60	50	60	0	0	0	0
	30+00.000	1505	2686	60	248	60	50	60	0	0	0	0
	28+00.000	1504	2686	60	248	60	50	60	0	0	0	0
	26+00.000	1503	2686	60	248	60	50	60	0	0	0	0
	24+00.000	1502	2686	60	248	60	50	60	0	0	0	0
	22+00.000	1501	2686	60	248	60	50	60	0	0	0	0
	20+00.000	1500	2686	60	248	60	50	60	0	0	0	0
	18+00.000	1499	2686	60	248	60	50	60	0	0	0	0
	16+00.000	1498	2686	60	248	60	50	60	0	0	0	0
	14+00.000	1497	2686	60	248	60	50	60	0	0	0	0
	12+00.000	1496	2686	60	248	60	50	60	0	0	0	0
	10+00.000	1495	2686	60	248	60	50	60	0	0	0	0
	8+00.000	1494	2686	60	248	60	50	60	0	0	0	0
	6+00.000	1493	2686	60	248	60	50	60	0	0	0	0
	4+00.000	1492	2686	60	248	60	50	60	0	0	0	0
	2+00.000	1491	2686	60	248	60	50	60	0	0	0	0
	0+00.000	1490										
SR202EBtoSR24EB	0+00.000	1612	2723	60	227	60	49	60	0	0	0	0
	2+00.000	1613	2723	60	227	60	49	60	0	0	0	0
	4+00.000	1614	2723	60	227	60	49	60	0	0	0	0
	6+00.000	1615	2723	60	227	60	49	60	0	0	0	0
	8+00.000	1616	2723	60	227	60	49	60	0	0	0	0
	10+00.000	1617	2723	60	227	60	49	60	0	0	0	0
	12+00.000	1618	2723	60	227	60	49	60	0	0	0	0
	14+00.000	1619	2723	60	227	60	49	60	0	0	0	0
	16+00.000	1620	2723	60	227	60	49	60	0	0	0	0
	18+00.000	1621	2723	60	227	60	49	60	0	0	0	0
	20+00.000	1622	2723	60	227	60	49	60	0	0	0	0
	22+00.000	1623	2723	60	227	60	49	60	0	0	0	0
	24+00.000	1624	2723	60	227	60	49	60	0	0	0	0
	26+00.000	1625	2723	60	227	60	49	60	0	0	0	0
	28+00.000	1626	2723	60	227	60	49	60	0	0	0	0
	30+00.000	1627										
SR202EBtoEllsworth	10+00.000	1643	122	60	8	60	1	60	0	0	0	0
	12+00.000	1644	122	60	8	60	1	60	0	0	0	0
	14+00.000	1645	122	60	8	60	1	60	0	0	0	0

	16+00.000	1646	122	60	8	60	1	60	0	0	0	0
	18+00.000	1647	122	60	8	60	1	60	0	0	0	0
	20+00.000	1648	122	60	8	60	1	60	0	0	0	0
	22+00.000	1649	122	60	8	60	1	60	0	0	0	0
	24+00.000	1650	122	60	8	60	1	60	0	0	0	0
	26+00.000	1651	122	60	8	60	1	60	0	0	0	0
	28+00.000	1652	122	60	8	60	1	60	0	0	0	0
	30+00.000	1653	122	60	8	60	1	60	0	0	0	0
	32+00.000	1654	122	60	8	60	1	60	0	0	0	0
	34+00.000	1655	122	60	8	60	1	60	0	0	0	0
	36+00.000	1656	122	60	8	60	1	60	0	0	0	0
	38+00.000	1657	122	60	8	60	1	60	0	0	0	0
	40+00.000	1658										
Power EB OnRamp	0+00.00	1680	1446	50	48	50	9	50	0	0	0	0
	1+99.93	1681	1446	50	48	50	9	50	0	0	0	0
	3+99.93	1682	1446	50	48	50	9	50	0	0	0	0
	5+99.93	1683	1446	50	48	50	9	50	0	0	0	0
	7+99.93	1684	1446	50	48	50	9	50	0	0	0	0
	9+99.93	1685	1446	50	48	50	9	50	0	0	0	0
	11+59.93	1686	1446	50	48	50	9	50	0	0	0	0
	16+99.93	1687	1446	50	48	50	9	50	0	0	0	0
	18+99.93	1688	1446	50	48	50	9	50	0	0	0	0
	20+99.93	1689	1446	50	48	50	9	50	0	0	0	0
	22+99.93	1690	1446	50	48	50	9	50	0	0	0	0
	24+99.95	1691	1446	50	48	50	9	50	0	0	0	0
	26+41.06	1692										
Power WB OffRamp	0+00.00	1693	1369	50	51	50	9	50	0	0	0	0
	1+66.52	1694	1369	50	51	50	9	50	0	0	0	0
	3+66.52	1695	1369	50	51	50	9	50	0	0	0	0
	5+66.52	1696	1369	50	51	50	9	50	0	0	0	0
	7+66.52	1697	1369	50	51	50	9	50	0	0	0	0
	9+66.52	1698	1369	50	51	50	9	50	0	0	0	0
	11+66.52	1699	1369	50	51	50	9	50	0	0	0	0
	13+66.52	1700	1369	50	51	50	9	50	0	0	0	0
	14+66.52	1701	1369	50	51	50	9	50	0	0	0	0
	20+66.52	1702	1369	50	51	50	9	50	0	0	0	0

	22+66.52	1703	1369	50	51	50	9	50	0	0	0	0
	24+66.52	1704	1369	50	51	50	9	50	0	0	0	0
	26+66.52	1705	1369	50	51	50	9	50	0	0	0	0
	28+66.52	1706	1369	50	51	50	9	50	0	0	0	0
	31+66.52	1707										
Power WB OnRamp	0	1708	1208	50	108	50	24	50	0	0	0	0
	2+17.01	1709	1208	50	108	50	24	50	0	0	0	0
	4+17.01	1710	1208	50	108	50	24	50	0	0	0	0
	6+17.01	1711	1208	50	108	50	24	50	0	0	0	0
	8+17.00	1712	1208	50	108	50	24	50	0	0	0	0
	10+17.00	1713	1208	50	108	50	24	50	0	0	0	0
	12+17.00	1714	1208	50	108	50	24	50	0	0	0	0
	14+17.00	1715	1208	50	108	50	24	50	0	0	0	0
	16+17.00	1716	1208	50	108	50	24	50	0	0	0	0
	18+17.00	1717	1208	50	108	50	24	50	0	0	0	0
	19+16.99	1718										
Power EB OffRamp	0+00.00	1719	951	50	90	50	21	50	0	0	0	0
	2+00.00	1720	951	50	90	50	21	50	0	0	0	0
	3+99.99	1721	951	50	90	50	21	50	0	0	0	0
	5+99.99	1722	951	50	90	50	21	50	0	0	0	0
	7+99.99	1723	951	50	90	50	21	50	0	0	0	0
	9+99.99	1724	951	50	90	50	21	50	0	0	0	0
	12+00.69	1725	951	50	90	50	21	50	0	0	0	0
	14+01.07	1726	951	50	90	50	21	50	0	0	0	0
	16+00.24	1727	951	50	90	50	21	50	0	0	0	0
	17+99.99	1728	951	50	90	50	21	50	0	0	0	0
	20+85.97	1729										
Power Rd SB_up	0+00.00	1730	2539	50	113	50	21	50	0	0	0	0
	4+33.22	1731										
Power Rd NB_up	point1739	1739	2582	50	105	50	20	50	0	0	0	0
	16+61.86	1735										
Hawes Rd RampB	0+00.000	2774	706	50	49	50	10	50	0	0	0	0
	2+00.000	2775	706	50	49	50	10	50	0	0	0	0
	4+00.000	2776	706	50	49	50	10	50	0	0	0	0
	6+00.000	2777	706	50	49	50	10	50	0	0	0	0
	8+00.000	2778	706	50	49	50	10	50	0	0	0	0

	10+00.000	2779	706	50	49	50	10	50	0	0	0	0
	12+00.000	2780	706	50	49	50	10	50	0	0	0	0
	13+99.986	2781	706	50	49	50	10	50	0	0	0	0
	15+99.970	2782	706	50	49	50	10	50	0	0	0	0
	17+99.968	2783	706	50	49	50	10	50	0	0	0	0
	19+99.968	2784	706	50	49	50	10	50	0	0	0	0
	21+98.549	2785										
SR202_EB_In_1	point563	563	2767	70	251	70	50	70	0	0	0	0
	point564	564	2767	70	251	70	50	70	0	0	0	0
	point565	565	2767	70	251	70	50	70	0	0	0	0
	point566	566	2767	70	251	70	50	70	0	0	0	0
	point567	567	2767	70	251	70	50	70	0	0	0	0
	point568	568	2767	70	251	70	50	70	0	0	0	0
	point569	569	2767	70	251	70	50	70	0	0	0	0
	point570	570	2767	70	251	70	50	70	0	0	0	0
	point571	571	2767	70	251	70	50	70	0	0	0	0
	point572	572	2767	70	251	70	50	70	0	0	0	0
	point573	573	2767	70	251	70	50	70	0	0	0	0
	point574	574	2767	70	251	70	50	70	0	0	0	0
	point575	575	2767	70	251	70	50	70	0	0	0	0
	point576	576	2767	70	251	70	50	70	0	0	0	0
	point577	577	2767	70	251	70	50	70	0	0	0	0
	point578	578	2767	70	251	70	50	70	0	0	0	0
	point579	579	2767	70	251	70	50	70	0	0	0	0
	point580	580	2767	70	251	70	50	70	0	0	0	0
	point581	581										
SR202_EB_Out_1	point858	858	2767	70	251	70	50	70	0	0	0	0
	point857	857	2767	70	251	70	50	70	0	0	0	0
	point856	856	2767	70	251	70	50	70	0	0	0	0
	point855	855	2767	70	251	70	50	70	0	0	0	0
	point854	854	2767	70	251	70	50	70	0	0	0	0
	point853	853	2767	70	251	70	50	70	0	0	0	0
	point852	852	2767	70	251	70	50	70	0	0	0	0
	point851	851	2767	70	251	70	50	70	0	0	0	0
	point850	850	2767	70	251	70	50	70	0	0	0	0
	point849	849	2767	70	251	70	50	70	0	0	0	0

	point848	848	2767	70	251	70	50	70	0	0	0	0
	point847	847	2767	70	251	70	50	70	0	0	0	0
	point846	846	2767	70	251	70	50	70	0	0	0	0
	point845	845	2767	70	251	70	50	70	0	0	0	0
	point844	844	2767	70	251	70	50	70	0	0	0	0
	point843	843	2767	70	251	70	50	70	0	0	0	0
	point842	842	2767	70	251	70	50	70	0	0	0	0
	point841	841	2767	70	251	70	50	70	0	0	0	0
	point840	840	2767	70	251	70	50	70	0	0	0	0
	point839	839										
Hawes Rd RampD	point2851	2851	766	50	69	50	12	50	0	0	0	0
	24+22.548	2787	766	50	69	50	12	50	0	0	0	0
	26+22.167	2788	766	50	69	50	12	50	0	0	0	0
	28+21.845	2789	766	50	69	50	12	50	0	0	0	0
	30+21.738	2790	766	50	69	50	12	50	0	0	0	0
	32+21.648	2791	766	50	69	50	12	50	0	0	0	0
	34+21.648	2792	766	50	69	50	12	50	0	0	0	0
	36+21.648	2793	766	50	69	50	12	50	0	0	0	0
	38+01.648	2794	766	50	69	50	12	50	0	0	0	0
	40+21.648	2795	766	50	69	50	12	50	0	0	0	0
	42+21.648	2796	766	50	69	50	12	50	0	0	0	0
	44+21.648	2797	766	50	69	50	12	50	0	0	0	0
	46+32.821	2798										
Hawes Rd RampC	0+00.000	2852	976	50	105	50	18	50	0	0	0	0
	2+00.000	2853	976	50	105	50	18	50	0	0	0	0
	4+00.000	2854	976	50	105	50	18	50	0	0	0	0
	6+00.000	2855	976	50	105	50	18	50	0	0	0	0
	8+00.000	2856	976	50	105	50	18	50	0	0	0	0
	10+00.000	2857	976	50	105	50	18	50	0	0	0	0
	12+00.000	2858	976	50	105	50	18	50	0	0	0	0
	14+00.000	2859	976	50	105	50	18	50	0	0	0	0
	16+00.000	2860	976	50	105	50	18	50	0	0	0	0
	18+00.000	2861	976	50	105	50	18	50	0	0	0	0
	20+00.000	2862	976	50	105	50	18	50	0	0	0	0
	22+00.000	2863	976	50	105	50	18	50	0	0	0	0
	24+00.000	2864										

Hawes Rd RampA	0+00.000	2865	339	50	28	50	6	50	0	0	0	0
	2+00.000	2866	339	50	28	50	6	50	0	0	0	0
	4+00.000	2867	339	50	28	50	6	50	0	0	0	0
	6+00.000	2868	339	50	28	50	6	50	0	0	0	0
	8+00.000	2869	339	50	28	50	6	50	0	0	0	0
	10+00.000	2870	339	50	28	50	6	50	0	0	0	0
	12+00.000	2871	339	50	28	50	6	50	0	0	0	0
	14+00.000	2872	339	50	28	50	6	50	0	0	0	0
	16+00.000	2873	339	50	28	50	6	50	0	0	0	0
	18+00.000	2874	339	50	28	50	6	50	0	0	0	0
	20+00.000	2875	339	50	28	50	6	50	0	0	0	0
	22+00.000	2876										
SR202_EB_Out_2	point2882	2882	2292	70	206	70	40	70	0	0	0	0
	point838	838	2292	70	206	70	40	70	0	0	0	0
	point837	837	2292	70	206	70	40	70	0	0	0	0
	point836	836	2292	70	206	70	40	70	0	0	0	0
	point835	835	2292	70	206	70	40	70	0	0	0	0
	point834	834	2292	70	206	70	40	70	0	0	0	0
	point833	833	2292	70	206	70	40	70	0	0	0	0
	point832	832	2292	70	206	70	40	70	0	0	0	0
	point831	831	2292	70	206	70	40	70	0	0	0	0
	point830	830	2292	70	206	70	40	70	0	0	0	0
	point829	829	2292	70	206	70	40	70	0	0	0	0
	point828	828	2292	70	206	70	40	70	0	0	0	0
	point827	827	2292	70	206	70	40	70	0	0	0	0
	point826	826	2292	70	206	70	40	70	0	0	0	0
	point825	825	2292	70	206	70	40	70	0	0	0	0
	point824	824	2292	70	206	70	40	70	0	0	0	0
	point823	823	2292	70	206	70	40	70	0	0	0	0
	point822	822	2292	70	206	70	40	70	0	0	0	0
	point821	821	2292	70	206	70	40	70	0	0	0	0
	point820	820	2292	70	206	70	40	70	0	0	0	0
	point819	819	2292	70	206	70	40	70	0	0	0	0
	point818	818	2292	70	206	70	40	70	0	0	0	0
	point817	817	2292	70	206	70	40	70	0	0	0	0
	point816	816	2292	70	206	70	40	70	0	0	0	0

	point815	815										
SR202_EB_In_2	point2883	2883	2292	70	206	70	40	70	0	0	0	0
	point582	582	2292	70	206	70	40	70	0	0	0	0
	point583	583	2292	70	206	70	40	70	0	0	0	0
	point584	584	2292	70	206	70	40	70	0	0	0	0
	point585	585	2292	70	206	70	40	70	0	0	0	0
	point586	586	2292	70	206	70	40	70	0	0	0	0
	point587	587	2292	70	206	70	40	70	0	0	0	0
	point588	588	2292	70	206	70	40	70	0	0	0	0
	point589	589	2292	70	206	70	40	70	0	0	0	0
	point590	590	2292	70	206	70	40	70	0	0	0	0
	point591	591	2292	70	206	70	40	70	0	0	0	0
	point592	592	2292	70	206	70	40	70	0	0	0	0
	point593	593	2292	70	206	70	40	70	0	0	0	0
	point594	594	2292	70	206	70	40	70	0	0	0	0
	point595	595	2292	70	206	70	40	70	0	0	0	0
	point596	596	2292	70	206	70	40	70	0	0	0	0
	point597	597	2292	70	206	70	40	70	0	0	0	0
	point598	598	2292	70	206	70	40	70	0	0	0	0
	point599	599	2292	70	206	70	40	70	0	0	0	0
	point600	600	2292	70	206	70	40	70	0	0	0	0
	point601	601	2292	70	206	70	40	70	0	0	0	0
	point602	602	2292	70	206	70	40	70	0	0	0	0
	point603	603	2292	70	206	70	40	70	0	0	0	0
	point604	604	2292	70	206	70	40	70	0	0	0	0
	point605	605										
SR202_WB_Out_10	point2884	2884	2706	70	260	70	51	70	0	0	0	0
	point1200	1200	2706	70	260	70	51	70	0	0	0	0
	point1201	1201	2706	70	260	70	51	70	0	0	0	0
	point1202	1202	2706	70	260	70	51	70	0	0	0	0
	point1203	1203	2706	70	260	70	51	70	0	0	0	0
	point1204	1204	2706	70	260	70	51	70	0	0	0	0
	point1205	1205	2706	70	260	70	51	70	0	0	0	0
	point1206	1206	2706	70	260	70	51	70	0	0	0	0
	point1207	1207	2706	70	260	70	51	70	0	0	0	0
	point1208	1208	2706	70	260	70	51	70	0	0	0	0

	point1209	1209	2706	70	260	70	51	70	0	0	0	0
	point1210	1210	2706	70	260	70	51	70	0	0	0	0
	point1211	1211	2706	70	260	70	51	70	0	0	0	0
	point1212	1212	2706	70	260	70	51	70	0	0	0	0
	point1213	1213	2706	70	260	70	51	70	0	0	0	0
	point1214	1214	2706	70	260	70	51	70	0	0	0	0
	point1215	1215	2706	70	260	70	51	70	0	0	0	0
	point1216	1216	2706	70	260	70	51	70	0	0	0	0
	point1217	1217	2706	70	260	70	51	70	0	0	0	0
	point1218	1218										
SR202_WB_In_10	point2885	2885	2706	70	260	70	51	70	0	0	0	0
	point876	876	2706	70	260	70	51	70	0	0	0	0
	point875	875	2706	70	260	70	51	70	0	0	0	0
	point874	874	2706	70	260	70	51	70	0	0	0	0
	point873	873	2706	70	260	70	51	70	0	0	0	0
	point872	872	2706	70	260	70	51	70	0	0	0	0
	point871	871	2706	70	260	70	51	70	0	0	0	0
	point870	870	2706	70	260	70	51	70	0	0	0	0
	point869	869	2706	70	260	70	51	70	0	0	0	0
	point868	868	2706	70	260	70	51	70	0	0	0	0
	point867	867	2706	70	260	70	51	70	0	0	0	0
	point866	866	2706	70	260	70	51	70	0	0	0	0
	point865	865	2706	70	260	70	51	70	0	0	0	0
	point864	864	2706	70	260	70	51	70	0	0	0	0
	point863	863	2706	70	260	70	51	70	0	0	0	0
	point862	862	2706	70	260	70	51	70	0	0	0	0
	point861	861	2706	70	260	70	51	70	0	0	0	0
	point860	860	2706	70	260	70	51	70	0	0	0	0
	point859	859										
SR202_EB_Out_3	point2886	2886	3015	70	230	70	44	70	0	0	0	0
	point814	814	3015	70	230	70	44	70	0	0	0	0
	point813	813	3015	70	230	70	44	70	0	0	0	0
	point812	812	3015	70	230	70	44	70	0	0	0	0
	point811	811	3015	70	230	70	44	70	0	0	0	0
	point810	810	3015	70	230	70	44	70	0	0	0	0
	point809	809	3015	70	230	70	44	70	0	0	0	0

	point808	808	3015	70	230	70	44	70	0	0	0	0
	point807	807	3015	70	230	70	44	70	0	0	0	0
	point806	806	3015	70	230	70	44	70	0	0	0	0
	point805	805	3015	70	230	70	44	70	0	0	0	0
	point804	804	3015	70	230	70	44	70	0	0	0	0
	point803	803	3015	70	230	70	44	70	0	0	0	0
	point802	802	3015	70	230	70	44	70	0	0	0	0
	point801	801	3015	70	230	70	44	70	0	0	0	0
	point800	800	3015	70	230	70	44	70	0	0	0	0
	point799	799	3015	70	230	70	44	70	0	0	0	0
	point798	798	3015	70	230	70	44	70	0	0	0	0
	point797	797	3015	70	230	70	44	70	0	0	0	0
	point796	796										
SR202_EB_In_3	point2887	2887	3015	70	230	70	44	70	0	0	0	0
	point606	606	3015	70	230	70	44	70	0	0	0	0
	point607	607	3015	70	230	70	44	70	0	0	0	0
	point608	608	3015	70	230	70	44	70	0	0	0	0
	point609	609	3015	70	230	70	44	70	0	0	0	0
	point610	610	3015	70	230	70	44	70	0	0	0	0
	point611	611	3015	70	230	70	44	70	0	0	0	0
	point612	612	3015	70	230	70	44	70	0	0	0	0
	point613	613	3015	70	230	70	44	70	0	0	0	0
	point614	614	3015	70	230	70	44	70	0	0	0	0
	point615	615	3015	70	230	70	44	70	0	0	0	0
	point616	616	3015	70	230	70	44	70	0	0	0	0
	point617	617	3015	70	230	70	44	70	0	0	0	0
	point618	618	3015	70	230	70	44	70	0	0	0	0
	point619	619	3015	70	230	70	44	70	0	0	0	0
	point620	620	3015	70	230	70	44	70	0	0	0	0
	point621	621	3015	70	230	70	44	70	0	0	0	0
	point622	622	3015	70	230	70	44	70	0	0	0	0
	point623	623	3015	70	230	70	44	70	0	0	0	0
	point624	624										
SR202_WB_Out_9	point2888	2888	2101	70	206	70	39	70	0	0	0	0
	point1174	1174	2101	70	206	70	39	70	0	0	0	0
	point1175	1175	2101	70	206	70	39	70	0	0	0	0

	point1176	1176	2101	70	206	70	39	70	0	0	0	0
	point1177	1177	2101	70	206	70	39	70	0	0	0	0
	point1178	1178	2101	70	206	70	39	70	0	0	0	0
	point1179	1179	2101	70	206	70	39	70	0	0	0	0
	point1180	1180	2101	70	206	70	39	70	0	0	0	0
	point1181	1181	2101	70	206	70	39	70	0	0	0	0
	point1182	1182	2101	70	206	70	39	70	0	0	0	0
	point1183	1183	2101	70	206	70	39	70	0	0	0	0
	point1184	1184	2101	70	206	70	39	70	0	0	0	0
	point1185	1185	2101	70	206	70	39	70	0	0	0	0
	point1186	1186	2101	70	206	70	39	70	0	0	0	0
	point1187	1187	2101	70	206	70	39	70	0	0	0	0
	point1188	1188	2101	70	206	70	39	70	0	0	0	0
	point1189	1189	2101	70	206	70	39	70	0	0	0	0
	point1190	1190	2101	70	206	70	39	70	0	0	0	0
	point1191	1191	2101	70	206	70	39	70	0	0	0	0
	point1192	1192	2101	70	206	70	39	70	0	0	0	0
	point1193	1193	2101	70	206	70	39	70	0	0	0	0
	point1194	1194	2101	70	206	70	39	70	0	0	0	0
	point1195	1195	2101	70	206	70	39	70	0	0	0	0
	point1196	1196	2101	70	206	70	39	70	0	0	0	0
	point1197	1197	2101	70	206	70	39	70	0	0	0	0
	point1198	1198	2101	70	206	70	39	70	0	0	0	0
	point1199	1199										
SR202_WB_In_9	point2889	2889	2101	70	206	70	39	70	0	0	0	0
	point902	902	2101	70	206	70	39	70	0	0	0	0
	point901	901	2101	70	206	70	39	70	0	0	0	0
	point900	900	2101	70	206	70	39	70	0	0	0	0
	point899	899	2101	70	206	70	39	70	0	0	0	0
	point898	898	2101	70	206	70	39	70	0	0	0	0
	point897	897	2101	70	206	70	39	70	0	0	0	0
	point896	896	2101	70	206	70	39	70	0	0	0	0
	point895	895	2101	70	206	70	39	70	0	0	0	0
	point894	894	2101	70	206	70	39	70	0	0	0	0
	point893	893	2101	70	206	70	39	70	0	0	0	0
	point892	892	2101	70	206	70	39	70	0	0	0	0

	point891	891	2101	70	206	70	39	70	0	0	0	0
	point890	890	2101	70	206	70	39	70	0	0	0	0
	point889	889	2101	70	206	70	39	70	0	0	0	0
	point888	888	2101	70	206	70	39	70	0	0	0	0
	point887	887	2101	70	206	70	39	70	0	0	0	0
	point886	886	2101	70	206	70	39	70	0	0	0	0
	point885	885	2101	70	206	70	39	70	0	0	0	0
	point884	884	2101	70	206	70	39	70	0	0	0	0
	point883	883	2101	70	206	70	39	70	0	0	0	0
	point882	882	2101	70	206	70	39	70	0	0	0	0
	point881	881	2101	70	206	70	39	70	0	0	0	0
	point880	880	2101	70	206	70	39	70	0	0	0	0
	point879	879	2101	70	206	70	39	70	0	0	0	0
	point878	878	2101	70	206	70	39	70	0	0	0	0
	point877	877										
SR202_WB_Out_8	point2890	2890	2786	70	232	70	43	70	0	0	0	0
	point1160	1160	2786	70	232	70	43	70	0	0	0	0
	point1161	1161	2786	70	232	70	43	70	0	0	0	0
	point1162	1162	2786	70	232	70	43	70	0	0	0	0
	point1163	1163	2786	70	232	70	43	70	0	0	0	0
	point1164	1164	2786	70	232	70	43	70	0	0	0	0
	point1165	1165	2786	70	232	70	43	70	0	0	0	0
	point1166	1166	2786	70	232	70	43	70	0	0	0	0
	point1167	1167	2786	70	232	70	43	70	0	0	0	0
	point1168	1168	2786	70	232	70	43	70	0	0	0	0
	point1169	1169	2786	70	232	70	43	70	0	0	0	0
	point1170	1170	2786	70	232	70	43	70	0	0	0	0
	point1171	1171	2786	70	232	70	43	70	0	0	0	0
	point1172	1172	2786	70	232	70	43	70	0	0	0	0
	point1173	1173										
SR202_WB_In_8	point2891	2891	2786	70	232	70	43	70	0	0	0	0
	point916	916	2786	70	232	70	43	70	0	0	0	0
	point915	915	2786	70	232	70	43	70	0	0	0	0
	point914	914	2786	70	232	70	43	70	0	0	0	0
	point913	913	2786	70	232	70	43	70	0	0	0	0
	point912	912	2786	70	232	70	43	70	0	0	0	0

	point911	911	2786	70	232	70	43	70	0	0	0	0
	point910	910	2786	70	232	70	43	70	0	0	0	0
	point909	909	2786	70	232	70	43	70	0	0	0	0
	point908	908	2786	70	232	70	43	70	0	0	0	0
	point907	907	2786	70	232	70	43	70	0	0	0	0
	point906	906	2786	70	232	70	43	70	0	0	0	0
	point905	905	2786	70	232	70	43	70	0	0	0	0
	point904	904	2786	70	232	70	43	70	0	0	0	0
	point903	903										
SR202_EB_Out_4	point2892	2892	1654	70	116	70	20	70	0	0	0	0
	point795	795	1654	70	116	70	20	70	0	0	0	0
	point794	794	1654	70	116	70	20	70	0	0	0	0
	point793	793	1654	70	116	70	20	70	0	0	0	0
	point792	792	1654	70	116	70	20	70	0	0	0	0
	point791	791	1654	70	116	70	20	70	0	0	0	0
	point790	790	1654	70	116	70	20	70	0	0	0	0
	point789	789	1654	70	116	70	20	70	0	0	0	0
	point788	788	1654	70	116	70	20	70	0	0	0	0
	point787	787										
SR202_EB_In_4	point2893	2893	1654	70	116	70	20	70	0	0	0	0
	point625	625	1654	70	116	70	20	70	0	0	0	0
	point626	626	1654	70	116	70	20	70	0	0	0	0
	point627	627	1654	70	116	70	20	70	0	0	0	0
	point628	628	1654	70	116	70	20	70	0	0	0	0
	point629	629	1654	70	116	70	20	70	0	0	0	0
	point630	630	1654	70	116	70	20	70	0	0	0	0
	point631	631	1654	70	116	70	20	70	0	0	0	0
	point632	632	1654	70	116	70	20	70	0	0	0	0
	point633	633										
SR202_EB_Out_5	point2894	2894	1301	70	92	70	15	70	0	0	0	0
	point786	786	1301	70	92	70	15	70	0	0	0	0
	point785	785	1301	70	92	70	15	70	0	0	0	0
	point784	784	1301	70	92	70	15	70	0	0	0	0
	point783	783	1301	70	92	70	15	70	0	0	0	0
	point782	782	1301	70	92	70	15	70	0	0	0	0
	point781	781	1301	70	92	70	15	70	0	0	0	0

	point780	780	1301	70	92	70	15	70	0	0	0	0
	point779	779	1301	70	92	70	15	70	0	0	0	0
	point778	778	1301	70	92	70	15	70	0	0	0	0
	point777	777	1301	70	92	70	15	70	0	0	0	0
	point776	776	1301	70	92	70	15	70	0	0	0	0
	point775	775	1301	70	92	70	15	70	0	0	0	0
	point774	774	1301	70	92	70	15	70	0	0	0	0
	point773	773	1301	70	92	70	15	70	0	0	0	0
	point772	772	1301	70	92	70	15	70	0	0	0	0
	point771	771	1301	70	92	70	15	70	0	0	0	0
	point770	770	1301	70	92	70	15	70	0	0	0	0
	point769	769	1301	70	92	70	15	70	0	0	0	0
	point768	768	1301	70	92	70	15	70	0	0	0	0
	point767	767	1301	70	92	70	15	70	0	0	0	0
	point766	766	1301	70	92	70	15	70	0	0	0	0
	point765	765										
SR202_EB_In_5	point2895	2895	1301	70	92	70	15	70	0	0	0	0
	point634	634	1301	70	92	70	15	70	0	0	0	0
	point635	635	1301	70	92	70	15	70	0	0	0	0
	point636	636	1301	70	92	70	15	70	0	0	0	0
	point637	637	1301	70	92	70	15	70	0	0	0	0
	point638	638	1301	70	92	70	15	70	0	0	0	0
	point639	639	1301	70	92	70	15	70	0	0	0	0
	point640	640	1301	70	92	70	15	70	0	0	0	0
	point641	641	1301	70	92	70	15	70	0	0	0	0
	point642	642	1301	70	92	70	15	70	0	0	0	0
	point643	643	1301	70	92	70	15	70	0	0	0	0
	point644	644	1301	70	92	70	15	70	0	0	0	0
	point645	645	1301	70	92	70	15	70	0	0	0	0
	point646	646	1301	70	92	70	15	70	0	0	0	0
	point647	647	1301	70	92	70	15	70	0	0	0	0
	point648	648	1301	70	92	70	15	70	0	0	0	0
	point649	649	1301	70	92	70	15	70	0	0	0	0
	point650	650	1301	70	92	70	15	70	0	0	0	0
	point651	651	1301	70	92	70	15	70	0	0	0	0
	point652	652	1301	70	92	70	15	70	0	0	0	0

	point653	653	1301	70	92	70	15	70	0	0	0	0
	point654	654	1301	70	92	70	15	70	0	0	0	0
	point655	655										
SR202_WB_Out_7	point2896	2896	1443	70	108	70	18	70	0	0	0	0
	point1147	1147	1443	70	108	70	18	70	0	0	0	0
	point1148	1148	1443	70	108	70	18	70	0	0	0	0
	point1149	1149	1443	70	108	70	18	70	0	0	0	0
	point1150	1150	1443	70	108	70	18	70	0	0	0	0
	point1151	1151	1443	70	108	70	18	70	0	0	0	0
	point1152	1152	1443	70	108	70	18	70	0	0	0	0
	point1153	1153	1443	70	108	70	18	70	0	0	0	0
	point1154	1154	1443	70	108	70	18	70	0	0	0	0
	point1155	1155	1443	70	108	70	18	70	0	0	0	0
	point1156	1156	1443	70	108	70	18	70	0	0	0	0
	point1157	1157	1443	70	108	70	18	70	0	0	0	0
	point1158	1158	1443	70	108	70	18	70	0	0	0	0
	point1159	1159										
SR202_WB_In_7	point2897	2897	1443	70	108	70	18	70	0	0	0	0
	point929	929	1443	70	108	70	18	70	0	0	0	0
	point928	928	1443	70	108	70	18	70	0	0	0	0
	point927	927	1443	70	108	70	18	70	0	0	0	0
	point926	926	1443	70	108	70	18	70	0	0	0	0
	point925	925	1443	70	108	70	18	70	0	0	0	0
	point924	924	1443	70	108	70	18	70	0	0	0	0
	point923	923	1443	70	108	70	18	70	0	0	0	0
	point922	922	1443	70	108	70	18	70	0	0	0	0
	point921	921	1443	70	108	70	18	70	0	0	0	0
	point920	920	1443	70	108	70	18	70	0	0	0	0
	point919	919	1443	70	108	70	18	70	0	0	0	0
	point918	918	1443	70	108	70	18	70	0	0	0	0
	point917	917										
SR202_WB_Out_6	point2900	2900	1274	70	94	70	15	70	0	0	0	0
	point1125	1125	1274	70	94	70	15	70	0	0	0	0
	point1126	1126	1274	70	94	70	15	70	0	0	0	0
	point1127	1127	1274	70	94	70	15	70	0	0	0	0
	point1128	1128	1274	70	94	70	15	70	0	0	0	0

	point1129	1129	1274	70	94	70	15	70	0	0	0	0
	point1130	1130	1274	70	94	70	15	70	0	0	0	0
	point1131	1131	1274	70	94	70	15	70	0	0	0	0
	point1132	1132	1274	70	94	70	15	70	0	0	0	0
	point1133	1133	1274	70	94	70	15	70	0	0	0	0
	point1134	1134	1274	70	94	70	15	70	0	0	0	0
	point1135	1135	1274	70	94	70	15	70	0	0	0	0
	point1136	1136	1274	70	94	70	15	70	0	0	0	0
	point1137	1137	1274	70	94	70	15	70	0	0	0	0
	point1138	1138	1274	70	94	70	15	70	0	0	0	0
	point1139	1139	1274	70	94	70	15	70	0	0	0	0
	point1140	1140	1274	70	94	70	15	70	0	0	0	0
	point1141	1141	1274	70	94	70	15	70	0	0	0	0
	point1142	1142	1274	70	94	70	15	70	0	0	0	0
	point1143	1143	1274	70	94	70	15	70	0	0	0	0
	point1144	1144	1274	70	94	70	15	70	0	0	0	0
	point1145	1145	1274	70	94	70	15	70	0	0	0	0
	point1146	1146										
SR202_WB_ln_6	point2901	2901	1274	70	94	70	15	70	0	0	0	0
	point951	951	1274	70	94	70	15	70	0	0	0	0
	point950	950	1274	70	94	70	15	70	0	0	0	0
	point949	949	1274	70	94	70	15	70	0	0	0	0
	point948	948	1274	70	94	70	15	70	0	0	0	0
	point947	947	1274	70	94	70	15	70	0	0	0	0
	point946	946	1274	70	94	70	15	70	0	0	0	0
	point945	945	1274	70	94	70	15	70	0	0	0	0
	point944	944	1274	70	94	70	15	70	0	0	0	0
	point943	943	1274	70	94	70	15	70	0	0	0	0
	point942	942	1274	70	94	70	15	70	0	0	0	0
	point941	941	1274	70	94	70	15	70	0	0	0	0
	point940	940	1274	70	94	70	15	70	0	0	0	0
	point939	939	1274	70	94	70	15	70	0	0	0	0
	point938	938	1274	70	94	70	15	70	0	0	0	0
	point937	937	1274	70	94	70	15	70	0	0	0	0
	point936	936	1274	70	94	70	15	70	0	0	0	0
	point935	935	1274	70	94	70	15	70	0	0	0	0

	point934	934	1274	70	94	70	15	70	0	0	0	0
	point933	933	1274	70	94	70	15	70	0	0	0	0
	point932	932	1274	70	94	70	15	70	0	0	0	0
	point931	931	1274	70	94	70	15	70	0	0	0	0
	point930	930										
Hawes Rd SB_up	point2959	2959	580	50	32	50	7	50	0	0	0	0
	point2960	2960										
Hawes Rd NB_up	point2968	2968	1104	50	89	50	15	50	0	0	0	0
	point2964	2964										
Hawes Rd NB	point3030	3030	1153	50	75	50	16	50	0	0	0	0
	point2965	2965										
Hawes Rd NB_down	point3031	3031	976	50	61	50	13	50	0	0	0	0
	point2966	2966										
Hawes Rd SB	point3032	3032	1393	50	123	50	22	50	0	0	0	0
	point2961	2961										
Hawes Rd SB_down	point3033	3033	1285	50	117	50	20	50	0	0	0	0
	point2962	2962										
Power Rd NB	point3034	3034	2261	50	123	50	25	50	0	0	0	0
	20+36.94	1736										
Power Rd NB_down	point3035	3035	2354	50	100	50	20	50	0	0	0	0
	26+05.42	1737										
Power Rd SB	point3036	3036	2606	50	79	50	12	50	0	0	0	0
	8+19.39	1732										
Power Rd SB_down	point3037	3037	2433	50	103	50	18	50	0	0	0	0
	12+66.30	1733										
SR202EBtoSR24EB_down	point3040	3040	2600	60	219	60	48	60	0	0	0	0
	32+00.000	1628	2600	60	219	60	48	60	0	0	0	0
	34+00.000	1629	2600	60	219	60	48	60	0	0	0	0
	36+00.000	1630	2600	60	219	60	48	60	0	0	0	0
	38+00.000	1631	2600	60	219	60	48	60	0	0	0	0
	40+00.000	1632	2600	60	219	60	48	60	0	0	0	0
	42+00.000	1633	2600	60	219	60	48	60	0	0	0	0
	44+00.000	1634	2600	60	219	60	48	60	0	0	0	0
	46+00.000	1635	2600	60	219	60	48	60	0	0	0	0
	48+00.000	1636	2600	60	219	60	48	60	0	0	0	0
	50+00.000	1637	2600	60	219	60	48	60	0	0	0	0

	52+00.000	1638	2600	60	219	60	48	60	0	0	0	0
	54+00.000	1639	2600	60	219	60	48	60	0	0	0	0
	56+00.000	1640	2600	60	219	60	48	60	0	0	0	0
	58+00.000	1641	2600	60	219	60	48	60	0	0	0	0
	60+00.000	2694	2600	60	219	60	48	60	0	0	0	0
	60+00.000	1642										
SR24WBtoSR202EB-2	point3042	3042	4628	60	463	60	91	60	0	0	0	0
	44+00.000	1552	4628	60	463	60	91	60	0	0	0	0
	42+00.000	1551	4628	60	463	60	91	60	0	0	0	0
	40+00.000	1550	4628	60	463	60	91	60	0	0	0	0
	38+00.000	1549	4628	60	463	60	91	60	0	0	0	0
	36+00.000	1548	4628	60	463	60	91	60	0	0	0	0
	34+00.000	1547	4628	60	463	60	91	60	0	0	0	0
	32+00.000	1546	4628	60	463	60	91	60	0	0	0	0
	30+00.000	1545	4628	60	463	60	91	60	0	0	0	0
	28+00.000	1544	4628	60	463	60	91	60	0	0	0	0
	26+00.000	1543	4628	60	463	60	91	60	0	0	0	0
	24+00.000	1542	4628	60	463	60	91	60	0	0	0	0
	22+00.000	1541	4628	60	463	60	91	60	0	0	0	0
	20+00.000	1540	4628	60	463	60	91	60	0	0	0	0
	18+00.000	1539										
SR202WBtoSR24EB-2	point3046	3046	4440	60	439	60	82	60	0	0	0	0
	20+00.000	1587	4440	60	439	60	82	60	0	0	0	0
	22+00.000	1588	4440	60	439	60	82	60	0	0	0	0
	24+00.000	1589	4440	60	439	60	82	60	0	0	0	0
	26+00.000	1590	4440	60	439	60	82	60	0	0	0	0
	28+00.000	1591	4440	60	439	60	82	60	0	0	0	0
	30+00.000	1592	4440	60	439	60	82	60	0	0	0	0
	32+00.000	1593	4440	60	439	60	82	60	0	0	0	0
	34+00.000	1594	4440	60	439	60	82	60	0	0	0	0
	36+00.000	1595	4440	60	439	60	82	60	0	0	0	0
	38+00.000	1596	4440	60	439	60	82	60	0	0	0	0
	40+00.000	1597	4440	60	439	60	82	60	0	0	0	0
	42+00.000	1598	4440	60	439	60	82	60	0	0	0	0
	44+00.000	1599	4440	60	439	60	82	60	0	0	0	0
	46+00.000	1600	4440	60	439	60	82	60	0	0	0	0

	48+00.000	1601	4440	60	439	60	82	60	0	0	0	0
	50+00.000	1602	4440	60	439	60	82	60	0	0	0	0
	52+00.000	1603	4440	60	439	60	82	60	0	0	0	0
	54+00.000	1604	4440	60	439	60	82	60	0	0	0	0
	56+00.000	1605	4440	60	439	60	82	60	0	0	0	0
	58+00.000	1606	4440	60	439	60	82	60	0	0	0	0
	60+00.000	1607										

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INPUT: BARRIERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Existing Barrier HIgley-Power WB1	W	0.00	99.99	0.00				0.00	point348	348	764,524.5	847,286.4	1,330.25	8.66	0.00	0	0		
									a 2928+80.87	260	764,620.4	847,286.5	1,330.12	9.43	0.00	0	0		
									a 2929+76.82	261	764,716.4	847,286.8	1,331.22	8.65	0.00	0	0		
									a 2930+72.94	262	764,812.5	847,286.9	1,331.34	8.55	0.00	0	0		
									a 2931+69.02	263	764,908.6	847,287.0	1,334.40	5.54	0.00	0	0		
									a 2931+69.42	264	764,909.0	847,269.7	1,329.84	10.10	0.00	0	0		
									a 2934+14.97	265	765,154.6	847,270.1	1,330.43	9.50	0.00	0	0		
									a 2934+15.39	266	765,155.0	847,287.5	1,330.46	9.47	0.00	0	0		
									a 2937+02.35	267	765,441.9	847,288.0	1,330.01	9.80	0.00	0	0		
									a 2938+94.09	268	765,633.7	847,288.7	1,329.62	10.20	0.00	0	0		
									a 2939+90.16	269	765,729.7	847,289.0	1,329.27	10.60	0.00	0	0		
									a 2940+64.93	270	765,804.5	847,289.6	1,328.60	11.25	0.00	0	0		
									a 2942+68.92	271	766,008.5	847,289.5	1,327.47	12.30	0.00	0	0		
									a 2944+61.01	272	766,200.6	847,290.0	1,325.94	13.90	0.00	0	0		
									a 2948+45.10	273	766,584.7	847,291.1	1,325.00	14.60	0.00	0	0		
									a 2951+37.48	274	766,877.0	847,291.4	1,324.08	15.22	0.00	0	0		
									a 2952+29.51	275	766,969.1	847,291.6	1,323.68	15.55	0.00	0	0		
									a 2954+21.44	276	767,161.0	847,295.7	1,323.37	15.48	0.00	0	0		
									a 2957+05.24	277	767,444.8	847,301.8	1,321.42	16.86	0.00	0	0		
									a 2958+01.13	278	767,540.7	847,303.8	1,320.64	17.35	0.00	0	0		
									a 2959+25.21	279	767,664.8	847,304.7	1,321.51	16.50	0.00	0	0		
									a 2960+20.45	280	767,760.0	847,317.4	1,324.34	13.55	0.00	0	0		
									a 2962+80.48	281	768,020.0	847,319.0	1,326.09	12.10	0.00	0	0		
									a 2965+00.48	282	768,240.0	847,320.3	1,326.40	12.15					
Existing Barrier Higley-Power EB1	W	0.00	99.99	0.00				0.00	point349	349	764,521.9	847,105.2	1,327.82	11.19	0.00	0	0		
									a 2928+77.95	331	764,617.9	847,105.3	1,328.24	11.38	0.00	0	0		
									a 2931+69.37	332	764,909.3	847,106.0	1,329.58	10.50	0.00	0	0		
									a 2931+69.27	333	764,909.2	847,123.6	1,329.61	10.24	0.00	0	0		
									a 2934+15.02	334	765,154.9	847,124.0	1,329.62	10.15	0.00	0	0		
									a 2934+15.94	335	765,155.9	847,106.2	1,330.37	9.35	0.00	0	0		
									a 2937+94.75	336	765,534.7	847,107.1	1,329.69	10.20	0.00	0	0		
									a 2940+87.02	337	765,827.0	847,107.5	1,328.87	11.02	0.00	0	0		
									a 2948+54.98	338	766,594.9	847,109.0	1,324.36	15.20	0.00	0	0		
									a 2950+99.92	339	766,839.9	847,110.2	1,323.82	16.11	0.00	0	0		
									a 2954+18.07	340	767,158.0	847,110.9	1,326.42	12.90	0.00	0	0		

									a 2955+17.93	341	767,257.9	847,106.9	1,322.93	16.05	0.00	0	0		
									a 2957+05.66	342	767,445.6	847,099.7	1,322.08	16.09	0.00	0	0		
									a 2957+33.71	343	767,473.7	847,098.5	1,322.04	15.80	0.00	0	0		
									a 2960+93.96	344	767,833.9	847,099.6	1,320.99	16.85	0.00	0	0		
									a 2962+81.91	345	768,021.9	847,100.0	1,321.38	16.82	0.00	0	0		
									a 2964+32.67	346	768,172.6	847,100.1	1,321.49	16.80	0.00	0	0		
									a 2964+92.60	347	768,232.6	847,100.5	1,320.89	17.40					

AZTEC						**1 May 2025**					
AZTEC						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**F0719 SR24, SR 202L to Ironwood Drive**										
RUN:	**SR24, 2050 Build**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
R48	393	1	779,945.1	848,733.6	1,365.00	5.00	0.00	66	15.0	7.0	Y
R49	394	1	778,749.9	848,142.6	1,359.00	5.00	0.00	66	15.0	7.0	Y
R50	395	1	777,600.4	847,853.0	1,353.00	5.00	0.00	66	15.0	7.0	Y
R51	396	1	776,502.9	847,764.8	1,348.00	5.00	0.00	66	15.0	7.0	Y
R52	397	1	775,239.6	847,811.8	1,339.00	5.00	0.00	66	15.0	7.0	Y
R53	398	1	773,819.8	847,725.1	1,329.00	5.00	0.00	66	15.0	7.0	Y
R54	399	1	772,177.8	847,708.2	1,330.00	5.00	0.00	66	15.0	7.0	Y
R55	400	1	770,437.8	847,718.5	1,325.00	5.00	0.00	66	15.0	7.0	Y
R56	401	1	769,604.2	847,565.3	1,320.72	5.00	0.00	66	15.0	7.0	Y
R57	402	1	767,783.7	847,611.1	1,315.00	5.00	0.00	66	15.0	7.0	Y
R58	403	1	767,511.5	847,471.4	1,313.40	5.00	0.00	66	15.0	7.0	Y
R59	404	1	767,318.8	847,465.4	1,312.80	5.00	0.00	66	15.0	7.0	Y
R60	405	1	767,094.0	847,467.0	1,312.80	5.00	0.00	66	15.0	7.0	Y
R61	406	1	766,907.2	847,466.4	1,312.40	5.00	0.00	66	15.0	7.0	Y
R62	407	1	766,696.9	847,438.2	1,311.30	5.00	0.00	66	15.0	7.0	Y
R63	408	1	766,387.8	847,459.9	1,310.70	5.00	0.00	66	15.0	7.0	Y
R64	409	1	766,116.5	847,509.8	1,320.60	5.00	0.00	66	15.0	7.0	Y
R65	410	1	766,021.7	847,510.9	1,320.60	5.00	0.00	66	15.0	7.0	Y
R66	411	1	765,892.4	847,515.6	1,306.00	5.00	0.00	66	15.0	7.0	Y
R67	412	1	765,755.9	847,507.2	1,306.00	5.00	0.00	66	15.0	7.0	Y
R68	413	1	765,574.8	847,510.6	1,309.10	5.00	0.00	66	15.0	7.0	Y
R69	414	1	765,439.8	847,505.8	1,308.00	5.00	0.00	66	15.0	7.0	Y

R70	415	1	765,267.8	847,506.5	1,308.50	5.00	0.00	66	15.0	7.0	Y
R71	416	1	780,027.9	847,206.3	1,363.00	5.00	0.00	66	15.0	7.0	Y
R72	417	1	778,148.1	847,090.9	1,356.47	5.00	0.00	66	15.0	7.0	Y
R73	418	1	777,585.6	847,044.7	1,354.72	5.00	0.00	66	15.0	7.0	Y
R74	419	1	776,094.9	846,752.8	1,344.60	5.00	0.00	66	15.0	7.0	Y
R75	420	1	774,506.6	846,727.8	1,338.30	5.00	0.00	66	15.0	7.0	Y
R76	421	1	773,243.2	846,900.7	1,336.92	5.00	0.00	66	15.0	7.0	Y
R77	422	1	772,094.2	846,784.1	1,328.80	5.00	0.00	66	15.0	7.0	Y
R78	423	1	770,511.2	846,813.9	1,322.44	5.00	0.00	66	15.0	7.0	Y
R79	424	1	770,018.4	846,790.6	1,321.86	5.00	0.00	66	15.0	7.0	Y
R80	425	1	769,841.6	846,764.2	1,321.69	5.00	0.00	66	15.0	7.0	Y
R81	426	1	769,492.9	846,813.1	1,320.42	5.00	0.00	66	15.0	7.0	Y
R82	427	1	768,679.4	846,925.8	1,317.98	5.00	0.00	66	15.0	7.0	Y
R83	428	1	767,579.2	846,924.6	1,314.68	5.00	0.00	66	15.0	7.0	Y
R84	429	1	767,431.2	846,920.6	1,314.07	5.00	0.00	66	15.0	7.0	Y
R85	430	1	767,164.9	846,924.8	1,313.65	5.00	0.00	66	15.0	7.0	Y
R86	431	1	766,984.9	846,918.1	1,312.89	5.00	0.00	66	15.0	7.0	Y
R87	432	1	766,694.0	846,912.9	1,312.46	5.00	0.00	66	15.0	7.0	Y
R88	433	1	766,438.5	846,905.8	1,311.56	5.00	0.00	66	15.0	7.0	Y
R89	434	1	766,245.5	846,899.7	1,310.58	5.00	0.00	66	15.0	7.0	Y
R90	435	1	765,994.1	846,886.0	1,309.47	5.00	0.00	66	15.0	7.0	Y
R91	436	1	765,799.7	846,873.8	1,308.73	5.00	0.00	66	15.0	7.0	Y
R92	437	1	765,537.9	846,869.9	1,308.88	5.00	0.00	66	15.0	7.0	Y
R93	438	1	765,314.9	846,858.6	1,308.31	5.00	0.00	66	15.0	7.0	Y
R78A	576	1	771,011.6	846,823.9	1,325.00	5.00	0.00	66	15.0	7.0	Y
Mon10	578	1	767,000.8	847,396.6	1,312.80	5.00	0.00	66	15.0	7.0	Y

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INPUT: ROADWAYS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
SR24WBtoSR202WB	24.0	78+00.000	1529	782,563.1	846,611.0	1,387.90				Average	
		76+00.000	1528	782,462.7	846,784.0	1,389.90				Average	
		74+00.000	1527	782,366.9	846,959.5	1,393.00				Average	
		72+00.000	1526	782,275.7	847,137.5	1,396.10				Average	
		70+00.000	1525	782,189.2	847,317.8	1,399.30				Average	
		68+00.000	1524	782,107.4	847,500.3	1,402.40				Average	
		66+00.000	1523	782,030.4	847,684.9	1,405.50				Average	
		64+00.000	1522	781,957.6	847,871.2	1,408.60				Average	
		62+00.000	1521	781,882.7	848,056.6	1,411.80				Average	
		60+00.000	1520	781,781.7	848,228.9	1,414.90				Average	Y
		58+00.000	1519	781,651.7	848,380.5	1,417.40				Average	Y
		56+00.000	1518	781,496.8	848,506.5	1,418.80					
SR24WB_offramptoSR202EB	18.0	92+00.000	1576	785,675.2	843,404.9	1,418.50				Average	
		90+00.000	1575	785,558.1	843,486.6	1,416.00				Average	
		88+00.000	1574	785,394.5	843,601.6	1,415.90				Average	
		86+00.000	1573	785,235.0	843,722.3	1,414.90				Average	Y
		84+00.000	1572	785,079.9	843,848.5	1,413.90				Average	Y
		82+00.000	1571	784,928.2	843,978.9	1,412.90				Average	
		80+00.000	1570	784,775.6	844,108.2	1,411.80				Average	
		78+00.000	1569	784,621.5	844,235.7	1,410.60				Average	
		76+00.000	1568	784,466.0	844,361.4	1,409.40				Average	
		74+00.000	1567	784,309.0	844,485.4	1,408.20				Average	
		72+00.000	1566	784,153.2	844,610.7	1,407.10				Average	
		70+00.000	1565	784,003.2	844,742.9	1,405.90				Average	
		68+00.000	1564	783,859.4	844,882.0	1,404.70				Average	

		66+00.000	1563	783,722.3	845,027.5	1,403.60				Average	
		64+00.000	1562	783,592.1	845,179.3	1,402.40				Average	
		62+00.000	1561	783,469.1	845,337.0	1,400.70					
SR202EBtoEllsworth	12.0	10+00.000	1643	779,748.3	847,561.2	1,374.00				Average	
		12+00.000	1644	779,944.3	847,601.0	1,379.00				Average	
		14+00.000	1645	780,140.3	847,640.7	1,384.20				Average	
		16+00.000	1646	780,336.4	847,680.5	1,388.50				Average	
		18+00.000	1647	780,532.8	847,718.0	1,390.50				Average	Y
		20+00.000	1648	780,732.2	847,729.3	1,389.40				Average	Y
		22+00.000	1649	780,930.8	847,707.5	1,386.80				Average	Y
		24+00.000	1650	781,123.1	847,653.3	1,386.60				Average	
		26+00.000	1651	781,303.7	847,568.1	1,390.50				Average	
		28+00.000	1652	781,467.9	847,454.2	1,396.80				Average	
		30+00.000	1653	781,612.0	847,315.7	1,400.40				Average	
		32+00.000	1654	781,750.2	847,171.2	1,400.60				Average	
		34+00.000	1655	781,888.5	847,026.7	1,397.50				Average	
		36+00.000	1656	782,026.8	846,882.2	1,393.50				Average	
		38+00.000	1657	782,165.1	846,737.7	1,389.50				Average	
		40+00.000	1658	782,300.5	846,590.6	1,385.60				Average	
		42+00.000	1659	782,428.1	846,436.6	1,383.10				Average	
		44+00.000	1660	782,547.5	846,276.2	1,382.50				Average	
		46+00.000	1661	782,658.4	846,109.8	1,383.70				Average	
		48+00.000	1662	782,766.0	845,941.1	1,386.60				Average	
		50+00.000	1663	782,873.5	845,772.5	1,389.90				Average	
		52+00.000	1664	782,981.0	845,603.9	1,393.20				Average	
		54+00.000	1665	783,088.5	845,435.2	1,396.50				Average	
		56+00.000	1666	783,196.1	845,266.6	1,399.10				Average	
		58+00.000	1667	783,303.7	845,098.0	1,401.00				Average	
		60+00.000	1668	783,415.6	844,932.3	1,402.20				Average	
		62+00.000	1669	783,534.7	844,771.6	1,403.40				Average	
		64+00.000	1670	783,660.6	844,616.3	1,404.60				Average	
		66+00.000	1671	783,793.3	844,466.6	1,405.80				Average	
		68+00.000	1672	783,932.3	844,322.9	1,407.00				Average	
		70+00.000	1673	784,077.4	844,185.3	1,408.20				Average	
		72+00.000	1674	784,228.5	844,054.2	1,409.40				Average	
		74+00.000	1675	784,384.9	843,929.6	1,410.60				Average	
		76+00.000	1676	784,542.8	843,806.9	1,411.60				Average	
		78+00.000	1677	784,700.7	843,684.1	1,410.00				Average	
		80+00.000	1678	784,857.8	843,560.3	1,404.60				Average	

		82+00.000	1679	785,010.8	843,431.5	1,398.20					
Ellsworth WB OnRamp	24.0	26+00.000	1755	785,976.9	843,582.8	1,389.00	Onramp	15.00	100	Average	
		24+00.000	1754	785,684.3	843,657.4	1,385.90				Average	
		22+00.000	1753	785,490.2	843,705.4	1,386.40					
Ellsworth WB OffRamp	12.0	26+00.000	1769	787,733.9	841,812.1	1,396.10				Average	
		24+00.000	1768	787,642.9	841,935.7	1,396.30				Average	
		22+00.000	1767	787,525.5	842,093.3	1,396.30				Average	
		20+00.000	1766	787,402.3	842,250.9	1,396.00				Average	
		18+00.000	1765	787,279.5	842,408.7	1,395.50				Average	
		16+00.000	1764	787,162.7	842,571.0	1,394.50				Average	
		14+00.000	1763	787,054.6	842,739.3	1,393.40				Average	
		12+00.000	1762	786,951.1	842,910.4	1,392.30				Average	
		10+00.000	1761	786,847.7	843,081.6	1,391.20				Average	
		8+00.000	1760	786,727.3	843,240.8	1,390.10				Average	
		6+00.000	1759	786,576.4	843,371.5	1,388.90				Average	
		4+00.000	1758	786,401.6	843,467.9	1,387.80				Average	
		2+00.000	1757	786,210.8	843,527.2	1,387.50				Average	
		0+00.000	1756	786,053.2	843,565.2	1,389.00					
Ellsworth EB OffRamp_up	24.0	0+00.000	1770	783,967.5	844,465.4	1,408.90				Average	
		2+00.000	1771	784,100.5	844,310.8	1,410.60				Average	
		4+00.000	1772	784,241.0	844,168.5	1,412.10				Average	
		6+00.000	1773	784,386.2	844,031.0	1,414.10				Average	
		8+00.000	1774	784,532.9	843,895.0	1,414.10				Average	
		10+00.000	1775	784,679.5	843,758.9	1,411.80				Average	
		12+00.000	1776	784,826.1	843,622.9	1,407.10				Average	
		14+00.000	1777	784,972.7	843,486.9	1,400.60					
Ellsworth EB OnRamp	24.0	0+00.000	1784	786,071.2	842,846.6	1,387.30	Onramp	15.00	100	Average	
		2+00.000	1785	786,224.7	842,812.3	1,386.30				Average	
		4+00.000	1786	786,410.8	842,740.3	1,387.20				Average	
		6+00.000	1787	786,576.2	842,628.6	1,390.60				Average	
		8+00.000	1788	786,731.6	842,502.7	1,393.60				Average	
		10+00.000	1789	786,887.0	842,376.8	1,394.00				Average	
		12+00.000	1790	787,042.5	842,250.9	1,391.90				Average	
		14+00.000	1791	787,196.8	842,123.7	1,391.30				Average	
		16+00.000	1792	787,345.5	841,990.0	1,392.30				Average	
		18+00.000	1793	787,487.6	841,849.3	1,393.60				Average	
		20+00.000	1794	787,626.6	841,705.6	1,394.60				Average	
		22+00.000	1795	787,748.8	841,572.8	1,397.10					
Williams Field EB OnRamp	24.0	0+00.000	1796	789,794.1	838,808.1	1,399.10	Onramp	15.00	100	Average	

		2+00.000	1797	789,902.3	838,695.3	1,398.10				Average	
		4+00.000	1798	790,041.3	838,551.6	1,396.80				Average	
		6+00.000	1799	790,186.3	838,413.8	1,397.30				Average	
		8+00.000	1800	790,340.5	838,286.5	1,398.50				Average	
		10+00.000	1801	790,503.2	838,170.3	1,399.70				Average	
		12+00.000	1802	790,673.6	838,065.7	1,400.90				Average	
		14+00.000	1803	790,849.1	837,969.8	1,402.00				Average	
		16+00.000	1804	791,024.8	837,874.3	1,403.10				Average	
		18+00.000	1805	791,200.5	837,778.8	1,403.90				Average	
		20+00.000	1806	791,376.2	837,683.2	1,405.10				Average	
		22+00.000	1807	791,552.0	837,587.7	1,405.60				Average	
		24+00.000	1808	791,802.9	837,458.0	1,405.70					
Williams Field EB OffRamp	24.0	0+00.000	1809	788,498.8	840,624.8	1,399.10				Average	
		2+00.000	1810	788,569.1	840,528.1	1,397.60				Average	
		4+00.000	1811	788,679.1	840,364.4	1,396.60				Average	
		6+00.000	1812	788,792.9	840,199.9	1,395.40				Average	
		8+00.000	1813	788,902.8	840,032.8	1,395.30				Average	
		10+00.000	1814	789,008.8	839,863.2	1,396.30				Average	
		12+00.000	1815	789,111.2	839,691.4	1,398.00				Average	
		14+00.000	1816	789,213.0	839,519.3	1,398.80				Average	
		16+00.000	1817	789,319.3	839,350.0	1,397.40				Average	
		18+00.000	1818	789,442.0	839,192.2	1,395.90				Average	
		20+00.000	1819	789,578.9	839,046.4	1,396.80				Average	
		22+00.000	1820	789,737.4	838,875.6	1,398.80					
Williams Field WB OffRamp	24.0	26+00.000	1834	792,222.4	837,392.5	1,407.70				Average	
		24+00.000	1833	791,972.5	837,529.3	1,405.60				Average	
		22+00.000	1832	791,797.5	837,626.2	1,404.50				Average	
		20+00.000	1831	791,626.1	837,729.2	1,403.30				Average	
		18+00.000	1830	791,458.3	837,838.0	1,402.20				Average	
		16+00.000	1829	791,294.5	837,952.7	1,401.20				Average	
		14+00.000	1828	791,134.7	838,073.0	1,401.90				Average	
		12+00.000	1827	790,979.2	838,198.8	1,404.00				Average	
		10+00.000	1826	790,828.3	838,330.0	1,405.80				Average	
		8+00.000	1825	790,682.0	838,466.3	1,404.70				Average	
		6+00.000	1824	790,540.5	838,607.7	1,402.10				Average	
		4+00.000	1823	790,401.5	838,751.5	1,399.40				Average	
		2+00.000	1822	790,262.5	838,895.3	1,398.70				Average	
		0+00.000	1821	790,156.4	839,006.2	1,400.30					
Williams Field WB OnRamp	24.0	20+00.000	1845	790,096.1	839,079.2	1,400.00	Onramp	15.00	100	Average	

		18+00.000	1844	789,930.0	839,255.9	1,397.80				Average	
		16+00.000	1843	789,790.9	839,399.7	1,398.60				Average	
		14+00.000	1842	789,651.9	839,543.5	1,400.00				Average	
		12+00.000	1841	789,512.9	839,687.2	1,401.10				Average	
		10+00.000	1840	789,373.9	839,831.0	1,400.30				Average	
		8+00.000	1839	789,234.9	839,974.8	1,397.70				Average	
		6+00.000	1838	789,097.6	840,120.2	1,396.10				Average	
		4+00.000	1837	788,964.2	840,269.2	1,395.80				Average	
		2+00.000	1836	788,834.8	840,421.7	1,396.70				Average	
		0+00.000	1835	788,720.9	840,549.4	1,398.00					
SR24_EB_In_1	36.0	10+00.000	1974	782,380.9	846,774.9	1,390.90				Average	
		12+00.000	1975	782,486.0	846,604.8	1,388.50				Average	
		14+00.000	1976	782,591.2	846,434.7	1,387.80				Average	
		16+00.000	1977	782,696.3	846,264.6	1,387.80				Average	
		18+00.000	1978	782,801.5	846,094.4	1,390.50				Average	
		20+00.000	1979	782,906.6	845,924.3	1,393.00				Average	
		22+00.000	1980	783,011.8	845,754.2	1,395.70				Average	
		24+00.000	1981	783,116.9	845,584.1	1,398.40				Average	
		26+00.000	1982	783,225.5	845,414.8	1,403.20				Average	
		28+00.000	1983	783,339.9	845,249.5	1,404.00				Average	
		30+00.000	1984	783,460.0	845,088.2	1,404.90				Average	
		32+00.000	1985	783,585.6	844,931.2	1,405.90				Average	
		34+00.000	1986	783,716.7	844,778.7	1,406.90				Average	
		36+00.000	1987	783,853.0	844,630.9	1,407.90				Average	
		38+00.000	1988	783,994.3	844,487.9	1,408.90					
Ellsworth WB OnRamptoSR202WB	12.0	26+21.759	2711	785,518.3	843,710.8	1,386.50				Average	
		26+00.000	2710	785,497.6	843,717.5	1,386.50				Average	
		24+00.000	2709	785,311.0	843,789.1	1,386.30				Average	
		22+00.000	2708	785,135.3	843,884.3	1,387.50				Average	
		20+00.000	2707	784,973.5	844,001.7	1,392.50				Average	
		18+00.000	2706	784,819.4	844,129.1	1,399.00				Average	
		16+00.000	2705	784,665.2	844,256.5	1,405.10				Average	
		14+00.000	2704	784,511.0	844,383.9	1,407.80				Average	
		12+00.000	2703	784,356.8	844,511.3	1,407.10				Average	
		10+00.000	2702	784,202.7	844,638.7	1,406.00				Average	
		8+00.000	2701	784,048.5	844,766.1	1,404.80				Average	
		6+00.000	2700	783,898.4	844,898.2	1,403.70				Average	
		4+00.000	2699	783,755.9	845,038.5	1,404.70				Average	
		2+00.000	2698	783,621.4	845,186.6	1,403.70				Average	

		0+00.000	2697	783,495.5	845,341.9	1,402.60					
Williams Field Rd WB_up	24.0	0+00.000	2738	790,702.3	839,332.3	1,401.50				Average	
		3+13.303	2739	790,407.3	839,226.9	1,400.70				Average	
		5+80.920	2740	790,102.7	839,071.0	1,400.00					
Ellsworth Rd SB_up	36.0	0+00.000	2748	785,980.6	844,215.4	1,390.10				Average	
		5+69.197	2749	785,981.6	843,576.1	1,389.00					
Ellsworth Rd NB_up	24.0	point2802	2802	786,065.1	842,246.6	1,388.30				Average	
		25+47.457	2753	786,065.6	842,844.6	1,387.30					
Williams Field Rd EB_up	24.0	point2804	2804	789,431.7	838,623.3	1,397.10				Average	
		18+56.254	2744	789,789.4	838,812.8	1,400.30					
SR24_WB_Out_11	36.0	point2921	2921	783,780.9	844,835.9	1,406.90				Average	
		32+00.000	2539	783,651.8	844,986.1	1,405.90				Average	
		30+00.000	2538	783,528.0	845,140.8	1,404.90				Average	
		28+00.000	2537	783,409.7	845,299.6	1,404.00				Average	
		26+00.000	2536	783,297.1	845,462.5	1,400.80				Average	
		24+00.000	2535	783,190.1	845,629.3	1,398.30				Average	
		22+00.000	2534	783,084.9	845,799.4	1,395.50				Average	
		20+00.000	2533	782,979.8	845,969.5	1,392.50				Average	
		18+00.000	2532	782,874.6	846,139.7	1,389.80				Average	
		16+00.000	2531	782,767.8	846,304.7	1,387.90				Average	
		14+00.000	2530	782,659.2	846,474.8	1,387.20				Average	
		point2696	2696	782,567.8	846,617.5	1,388.00					
SR24_WB_In_11	36.0	point2922	2922	783,763.0	844,820.0	1,406.90				Average	
		32+00.000	2151	783,633.3	844,970.8	1,405.90				Average	
		30+00.000	2150	783,509.0	845,126.1	1,404.90				Average	
		28+00.000	2149	783,390.2	845,285.6	1,404.00				Average	
		26+00.000	2148	783,277.1	845,449.2	1,401.60				Average	
		24+00.000	2147	783,169.7	845,616.7	1,398.90				Average	
		22+00.000	2146	783,064.5	845,786.8	1,395.80				Average	
		20+00.000	2145	782,959.4	845,956.9	1,392.80				Average	
		18+00.000	2144	782,854.2	846,127.0	1,390.30				Average	
		16+00.000	2143	782,749.1	846,297.2	1,388.20				Average	
		14+00.000	2142	782,643.9	846,467.3	1,387.40				Average	
		point2695	2695	782,562.4	846,611.5	1,388.20					
SR24_EB_Out_2	36.0	point2923	2923	783,977.6	844,470.8	1,408.90				Average	
		40+00.000	2377	784,124.4	844,332.2	1,409.80				Average	
		42+00.000	2378	784,276.1	844,198.9	1,410.80				Average	
		44+00.000	2379	784,432.3	844,070.9	1,411.80				Average	
		46+00.000	2380	784,592.8	843,948.5	1,412.80				Average	

		48+00.000	2381	784,757.5	843,831.7	1,413.80				Average	
		50+00.000	2382	784,926.3	843,720.8	1,414.70				Average	
		52+00.000	2383	785,098.1	843,615.9	1,415.70				Average	
		54+00.000	2384	785,269.8	843,513.2	1,416.70				Average	
		56+00.000	2385	785,441.4	843,410.5	1,417.70				Average	
		58+00.000	2386	785,613.0	843,307.9	1,418.50				Average	
		60+00.000	2387	785,784.7	843,205.2	1,418.10				Average	Y
		62+00.000	2388	785,956.3	843,102.5	1,416.10				Average	Y
		64+00.000	2389	786,127.9	842,999.9	1,412.40				Average	Y
		66+00.000	2390	786,298.2	842,896.9	1,407.20				Average	
		68+00.000	2391	786,464.5	842,789.2	1,401.70				Average	
		70+00.000	2392	786,626.8	842,675.8	1,396.90				Average	
		72+00.000	2393	786,785.1	842,556.7	1,393.60				Average	
		74+00.000	2394	786,939.2	842,432.3	1,392.00				Average	
		76+00.000	2395	787,088.8	842,302.5	1,392.00				Average	
		78+00.000	2396	787,233.8	842,167.5	1,393.00				Average	
		80+00.000	2397	787,374.0	842,027.6	1,394.10				Average	
		82+00.000	2398	787,509.3	841,882.9	1,395.10				Average	
		84+00.000	2399	787,639.4	841,733.6	1,396.10				Average	
		86+00.000	2400	787,764.2	841,579.8	1,397.10					
SR24_EB_In_2	36.0	point2924	2924	783,994.3	844,487.9	1,408.90				Average	
		40+00.000	1989	784,140.6	844,350.0	1,409.80				Average	
		42+00.000	1990	784,291.6	844,217.2	1,410.80				Average	
		44+00.000	1991	784,447.1	844,089.8	1,411.80				Average	
		46+00.000	1992	784,607.0	843,967.8	1,412.80				Average	
		48+00.000	1993	784,771.1	843,851.6	1,413.80				Average	
		50+00.000	1994	784,939.1	843,741.1	1,414.70				Average	
		52+00.000	1995	785,110.4	843,636.5	1,415.70				Average	
		54+00.000	1996	785,282.1	843,533.8	1,416.70				Average	
		56+00.000	1997	785,453.7	843,431.1	1,417.70				Average	
		58+00.000	1998	785,625.4	843,328.5	1,418.50				Average	
		60+00.000	1999	785,797.0	843,225.8	1,418.10				Average	Y
		62+00.000	2000	785,968.6	843,123.1	1,416.10				Average	Y
		64+00.000	2001	786,140.3	843,020.5	1,412.40				Average	Y
		66+00.000	2002	786,310.9	842,917.3	1,407.20				Average	
		68+00.000	2003	786,477.9	842,809.1	1,401.70				Average	
		70+00.000	2004	786,640.9	842,695.2	1,396.90				Average	
		72+00.000	2005	786,799.9	842,575.7	1,393.60				Average	
		74+00.000	2006	786,954.6	842,450.7	1,392.00				Average	

		76+00.000	2007	787,104.9	842,320.3	1,392.00				Average	
		78+00.000	2008	787,250.5	842,184.8	1,393.00				Average	
		80+00.000	2009	787,391.3	842,044.3	1,394.10				Average	
		82+00.000	2010	787,527.1	841,899.0	1,395.10				Average	
		84+00.000	2011	787,657.8	841,749.0	1,396.10				Average	
		86+00.000	2012	787,783.1	841,594.6	1,397.10					
SR24_WB_Out_10	36.0	point2925	2925	785,669.5	843,402.3	1,418.50				Average	
		56+00.000	2551	785,497.9	843,504.9	1,417.70				Average	
		54+00.000	2550	785,326.2	843,607.6	1,416.70				Average	
		52+00.000	2549	785,154.6	843,710.3	1,415.70				Average	
		50+00.000	2548	784,985.1	843,813.8	1,414.70				Average	
		48+00.000	2547	784,819.6	843,922.6	1,413.80				Average	
		46+00.000	2546	784,658.0	844,037.1	1,412.80				Average	
		44+00.000	2545	784,500.5	844,157.2	1,411.80				Average	
		42+00.000	2544	784,347.3	844,282.7	1,410.80				Average	
		40+00.000	2543	784,198.5	844,413.5	1,409.80				Average	
		38+00.000	2542	784,054.4	844,549.4	1,408.90				Average	
		36+00.000	2541	783,915.2	844,690.3	1,407.90				Average	
		34+00.000	2540	783,780.9	844,835.9	1,406.90					
SR24_WB_In_10	36.0	point2926	2926	785,657.2	843,381.7	1,418.50				Average	
		56+00.000	2163	785,485.5	843,484.3	1,417.70				Average	
		54+00.000	2162	785,313.9	843,587.0	1,416.70				Average	
		52+00.000	2161	785,142.3	843,689.7	1,415.70				Average	
		50+00.000	2160	784,972.2	843,793.5	1,414.70				Average	
		48+00.000	2159	784,806.0	843,902.8	1,413.80				Average	
		46+00.000	2158	784,643.8	844,017.8	1,412.80				Average	
		44+00.000	2157	784,485.6	844,138.4	1,411.80				Average	
		42+00.000	2156	784,331.7	844,264.4	1,410.80				Average	
		40+00.000	2155	784,182.3	844,395.8	1,409.80				Average	
		38+00.000	2154	784,037.7	844,532.3	1,408.90				Average	
		36+00.000	2153	783,897.8	844,673.7	1,407.90				Average	
		34+00.000	2152	783,763.0	844,820.0	1,406.90					
SR24_WB_Out_9	36.0	point2927	2927	787,723.6	841,804.4	1,396.10				Average	
		82+00.000	2564	787,591.0	841,956.6	1,395.10				Average	
		80+00.000	2563	787,453.1	842,104.1	1,394.10				Average	
		78+00.000	2562	787,310.2	842,246.8	1,393.00				Average	
		76+00.000	2561	787,162.3	842,384.3	1,392.00				Average	
		74+00.000	2560	787,009.8	842,516.6	1,392.00				Average	
		72+00.000	2559	786,852.8	842,643.5	1,393.60				Average	

		70+00.000	2558	786,691.4	842,764.8	1,396.90				Average	
		68+00.000	2557	786,525.9	842,880.5	1,401.70				Average	
		66+00.000	2556	786,356.4	842,990.3	1,407.20				Average	
		64+00.000	2555	786,184.4	843,094.3	1,412.40				Average	Y
		62+00.000	2554	786,012.8	843,196.9	1,416.10				Average	Y
		60+00.000	2553	785,841.1	843,299.6	1,418.10				Average	Y
		58+00.000	2552	785,669.5	843,402.3	1,418.50					
SR24_EB_In_3	36.0	point2928	2928	787,783.1	841,594.6	1,397.10				Average	
		88+00.000	2013	787,906.2	841,437.0	1,398.10				Average	
		90+00.000	2014	788,029.4	841,279.4	1,399.20				Average	
		92+00.000	2015	788,152.5	841,121.8	1,399.90				Average	
		94+00.000	2016	788,275.6	840,964.2	1,400.20				Average	
		96+00.000	2017	788,398.7	840,806.6	1,399.90				Average	
		98+00.000	2018	788,521.9	840,649.0	1,399.20					
SR24_EB_Out_3	36.0	point2929	2929	787,764.2	841,579.8	1,397.10				Average	
		88+00.000	2401	787,887.3	841,422.2	1,398.10				Average	
		90+00.000	2402	788,010.4	841,264.6	1,399.20				Average	
		92+00.000	2403	788,133.6	841,107.0	1,399.90				Average	
		94+00.000	2404	788,256.7	840,949.4	1,400.20				Average	
		96+00.000	2405	788,379.8	840,791.8	1,399.90				Average	
		98+00.000	2406	788,503.0	840,634.2	1,399.20					
SR24_WB_In_9	36.0	point2930	2930	787,705.2	841,788.9	1,396.10				Average	
		82+00.000	2176	787,573.1	841,940.5	1,395.10				Average	
		80+00.000	2175	787,435.8	842,087.5	1,394.10				Average	
		78+00.000	2174	787,293.5	842,229.5	1,393.00				Average	
		76+00.000	2173	787,146.3	842,366.4	1,392.00				Average	
		74+00.000	2172	786,994.4	842,498.2	1,392.00				Average	
		72+00.000	2171	786,838.0	842,624.6	1,393.60				Average	
		70+00.000	2170	786,677.3	842,745.4	1,396.90				Average	
		68+00.000	2169	786,512.5	842,860.6	1,401.70				Average	
		66+00.000	2168	786,343.7	842,969.9	1,407.20				Average	
		64+00.000	2167	786,172.1	843,073.7	1,412.40				Average	Y
		62+00.000	2166	786,000.5	843,176.3	1,416.10				Average	Y
		60+00.000	2165	785,828.8	843,279.0	1,418.10				Average	Y
		58+00.000	2164	785,657.2	843,381.7	1,418.50					
SR24_EB_Out_4	36.0	point2931	2931	788,503.0	840,634.2	1,399.20				Average	
		100+00.00	2407	788,626.1	840,476.6	1,398.20				Average	
		102+00.00	2408	788,749.2	840,319.0	1,397.20				Average	
		104+00.00	2409	788,872.4	840,161.4	1,396.60				Average	

		106+00.00	2410	788,995.5	840,003.8	1,397.60				Average	
		108+00.00	2411	789,118.6	839,846.2	1,400.20				Average	
		110+00.00	2412	789,241.8	839,688.6	1,404.40				Average	
		112+00.00	2413	789,364.9	839,531.0	1,409.70				Average	
		114+00.00	2414	789,490.5	839,373.7	1,415.10				Average	
		116+00.00	2415	789,620.2	839,219.6	1,419.70				Average	
		118+00.00	2416	789,754.0	839,069.0	1,422.80				Average	Y
		120+00.00	2417	789,891.6	838,921.9	1,424.30				Average	Y
		122+00.00	2418	790,033.0	838,778.5	1,424.20				Average	Y
		124+00.00	2419	790,178.1	838,638.8	1,422.50				Average	
		126+00.00	2420	790,326.9	838,502.9	1,419.30				Average	
		128+00.00	2421	790,479.1	838,371.0	1,415.30				Average	
		130+00.00	2422	790,634.8	838,243.2	1,411.30				Average	
		132+00.00	2423	790,793.7	838,119.4	1,407.40				Average	
		134+00.00	2424	790,955.8	837,999.9	1,404.70				Average	
		136+00.00	2425	791,121.0	837,884.6	1,403.10				Average	
		138+00.00	2426	791,289.2	837,773.7	1,402.90				Average	
		140+00.00	2427	791,460.2	837,667.3	1,403.70				Average	
		142+00.00	2428	791,633.9	837,565.3	1,404.70				Average	
		144+00.00	2429	791,810.3	837,468.0	1,405.70					
SR24_EB_ln_4	36.0	point2932	2932	788,521.9	840,649.0	1,399.20				Average	
		100+00.00	2019	788,645.0	840,491.4	1,398.20				Average	
		102+00.00	2020	788,768.1	840,333.8	1,397.20				Average	
		104+00.00	2021	788,891.3	840,176.2	1,396.60				Average	
		106+00.00	2022	789,014.4	840,018.6	1,397.60				Average	
		108+00.00	2023	789,137.5	839,861.0	1,400.20				Average	
		110+00.00	2024	789,260.7	839,703.4	1,404.40				Average	
		112+00.00	2025	789,383.8	839,545.8	1,409.70				Average	
		114+00.00	2026	789,509.0	839,388.9	1,415.10				Average	
		116+00.00	2027	789,638.4	839,235.3	1,419.70				Average	
		118+00.00	2028	789,771.7	839,085.2	1,422.80				Average	Y
		120+00.00	2029	789,908.9	838,938.5	1,424.30				Average	Y
		122+00.00	2030	790,049.9	838,795.5	1,424.20				Average	Y
		124+00.00	2031	790,194.6	838,656.3	1,422.50				Average	
		126+00.00	2032	790,342.8	838,520.9	1,419.30				Average	
		128+00.00	2033	790,494.6	838,389.4	1,415.30				Average	
		130+00.00	2034	790,649.8	838,261.9	1,411.30				Average	
		132+00.00	2035	790,808.2	838,138.6	1,407.40				Average	
		134+00.00	2036	790,969.8	838,019.4	1,404.70				Average	

		136+00.00	2037	791,134.5	837,904.5	1,403.10				Average	
		138+00.00	2038	791,302.2	837,793.9	1,402.90				Average	
		140+00.00	2039	791,472.6	837,687.8	1,403.70				Average	
		142+00.00	2040	791,645.8	837,586.2	1,404.70				Average	
		144+00.00	2041	791,821.6	837,489.1	1,405.70					
SR24_WB_Out_8	36.0	point2933	2933	788,712.8	840,544.3	1,398.20				Average	
		98+00.000	2571	788,589.6	840,702.0	1,399.20				Average	
		96+00.000	2570	788,466.5	840,859.6	1,399.90				Average	
		94+00.000	2569	788,343.4	841,017.2	1,400.20				Average	
		92+00.000	2568	788,220.3	841,174.8	1,399.90				Average	
		90+00.000	2567	788,097.1	841,332.4	1,399.20				Average	
		88+00.000	2566	787,974.0	841,490.0	1,398.10				Average	
		84+00.000	2565	787,723.6	841,804.4	1,396.10					
SR24_WB_In_8	36.0	point2934	2934	788,693.9	840,529.6	1,398.20				Average	
		98+00.000	2183	788,570.7	840,687.2	1,399.20				Average	
		96+00.000	2182	788,447.6	840,844.8	1,399.90				Average	
		94+00.000	2181	788,324.5	841,002.4	1,400.20				Average	
		92+00.000	2180	788,201.3	841,160.0	1,399.90				Average	
		90+00.000	2179	788,078.2	841,317.6	1,399.20				Average	
		88+00.000	2178	787,955.1	841,475.2	1,398.10				Average	
		84+00.000	2177	787,705.2	841,788.9	1,396.10					
SR24_WB_Out_7	36.0	point2937	2937	792,217.1	837,386.8	1,407.70				Average	
		146+00.00	2595	792,038.5	837,473.6	1,406.70				Average	
		144+00.00	2594	791,862.2	837,565.0	1,405.70				Average	
		142+00.00	2593	791,688.4	837,660.9	1,404.70				Average	
		140+00.00	2592	791,517.1	837,761.4	1,403.70				Average	
		138+00.00	2591	791,348.6	837,866.3	1,402.90				Average	
		136+00.00	2590	791,182.8	837,975.7	1,403.10				Average	
		134+00.00	2589	791,020.0	838,089.3	1,404.70				Average	
		132+00.00	2588	790,860.2	838,207.1	1,407.40				Average	
		130+00.00	2587	790,703.5	838,329.1	1,411.30				Average	
		128+00.00	2586	790,550.1	838,455.1	1,415.30				Average	
		126+00.00	2585	790,400.0	838,585.1	1,419.30				Average	
		124+00.00	2584	790,253.4	838,719.0	1,422.50				Average	
		122+00.00	2583	790,110.3	838,856.7	1,424.20				Average	Y
		120+00.00	2582	789,970.9	838,998.1	1,424.30				Average	Y
		118+00.00	2581	789,835.3	839,143.1	1,422.80				Average	Y
		116+00.00	2580	789,703.4	839,291.6	1,419.70				Average	
		114+00.00	2579	789,575.6	839,443.5	1,415.10				Average	

		112+00.00	2578	789,451.6	839,598.7	1,409.70				Average	
		110+00.00	2577	789,328.4	839,756.3	1,404.40				Average	
		108+00.00	2576	789,205.3	839,913.9	1,400.20				Average	
		106+00.00	2575	789,082.2	840,071.5	1,397.60				Average	
		104+00.00	2574	788,959.0	840,229.1	1,396.60				Average	
		102+00.00	2573	788,835.9	840,386.7	1,397.20				Average	
		100+00.00	2572	788,712.8	840,544.3	1,398.20					
SR24_WB_ln_7	36.0	point2938	2938	792,206.9	837,365.1	1,407.70				Average	
		146+00.00	2207	792,027.7	837,452.1	1,406.70				Average	
		144+00.00	2206	791,850.9	837,543.8	1,405.70				Average	
		142+00.00	2205	791,676.5	837,640.1	1,404.70				Average	
		140+00.00	2204	791,504.7	837,740.9	1,403.70				Average	
		138+00.00	2203	791,335.6	837,846.1	1,402.90				Average	
		136+00.00	2202	791,169.3	837,955.8	1,403.10				Average	
		134+00.00	2201	791,006.0	838,069.8	1,404.70				Average	
		132+00.00	2200	790,845.7	838,188.0	1,407.40				Average	
		130+00.00	2199	790,688.5	838,310.3	1,411.30				Average	
		128+00.00	2198	790,534.6	838,436.8	1,415.30				Average	
		126+00.00	2197	790,384.0	838,567.2	1,419.30				Average	
		124+00.00	2196	790,237.0	838,701.5	1,422.50				Average	
		122+00.00	2195	790,093.5	838,839.6	1,424.20				Average	Y
		120+00.00	2194	789,953.6	838,981.5	1,424.30				Average	Y
		118+00.00	2193	789,817.5	839,126.9	1,422.80				Average	Y
		116+00.00	2192	789,685.3	839,275.9	1,419.70				Average	
		114+00.00	2191	789,557.0	839,428.2	1,415.10				Average	
		112+00.00	2190	789,432.7	839,584.0	1,409.70				Average	
		110+00.00	2189	789,309.5	839,741.6	1,404.40				Average	
		108+00.00	2188	789,186.4	839,899.2	1,400.20				Average	
		106+00.00	2187	789,063.3	840,056.8	1,397.60				Average	
		104+00.00	2186	788,940.1	840,214.4	1,396.60				Average	
		102+00.00	2185	788,817.0	840,372.0	1,397.20				Average	
		100+00.00	2184	788,693.9	840,529.6	1,398.20					
Williams Field Rd EB	24.0	point3014	3014	789,789.4	838,812.8	1,400.30				Average	
		22+66.871	2745	790,150.0	839,011.8	1,400.30					
Williams Field Rd EB_down	24.0	point3015	3015	790,150.0	839,011.8	1,400.30				Average	
		26+55.733	2746	790,430.6	839,172.2	1,400.50				Average	
		29+69.416	2747	790,721.9	839,288.6	1,402.40					
Williams Field Rd WB	24.0	point3016	3016	790,102.7	839,071.0	1,400.00				Average	
		9+98.802	2741	789,742.2	838,871.1	1,398.80					

Williams Field Rd WB_down	24.0	point3017	3017	789,742.2	838,871.1	1,398.80				Average	
		14+59.315	2742	789,404.4	838,672.8	1,396.70					
Ellsworth Rd NB	24.0	point3018	3018	786,065.6	842,844.6	1,387.30				Average	
		32+57.921	2754	786,052.6	843,564.1	1,389.00					
Ellsworth Rd NB_down	24.0	point3019	3019	786,052.6	843,564.1	1,389.00				Average	
		39+94.318	2755	786,027.3	844,218.8	1,390.50					
Ellsworth Rd SB	36.0	point3020	3020	785,981.6	843,576.1	1,389.00				Average	
		12+60.520	2750	785,987.7	842,871.9	1,387.60					
Ellsworth Rd SB_down	36.0	point3021	3021	785,987.7	842,871.9	1,387.60				Average	
		19+69.946	2751	786,013.7	842,246.0	1,388.20					
Ellsworth WB OnRamp_down	24.0	point3038	3038	785,490.2	843,705.4	1,386.40				Average	
		20+00.000	1752	785,296.0	843,753.4	1,387.20				Average	
		18+00.000	1751	785,104.4	843,809.9	1,388.80				Average	
		16+00.000	1750	784,924.9	843,897.5	1,393.80				Average	
		14+00.000	1749	784,761.4	844,012.6	1,400.70				Average	
		12+00.000	1748	784,601.4	844,132.5	1,406.00				Average	
		10+00.000	1747	784,441.3	844,252.4	1,408.80				Average	
		8+00.000	1746	784,282.3	844,373.7	1,409.00				Average	
		6+00.000	1745	784,128.9	844,502.0	1,409.00				Average	
		4+00.000	1744	783,981.8	844,637.5	1,408.30				Average	
		2+00.000	1743	783,840.6	844,779.9	1,406.50				Average	
		0+00.000	1742	783,783.6	844,835.9	1,406.90					
Ellsworth EB OffRamp	24.0	point3039	3039	784,972.7	843,486.9	1,400.60				Average	
		16+00.000	1778	785,119.3	843,350.9	1,393.90				Average	
		18+00.000	1779	785,265.9	843,214.8	1,387.40				Average	
		20+00.000	1780	785,421.2	843,089.1	1,383.30				Average	
		22+00.000	1781	785,595.0	842,990.5	1,382.70				Average	
		24+00.000	1782	785,782.6	842,922.0	1,385.10				Average	
		26+00.000	1783	785,985.6	842,871.4	1,387.60					
SR202EBtoSR24EB_down	12.0	point3040	3040	779,703.6	847,561.3	1,373.30				Average	
		32+00.000	1628	779,896.3	847,614.6	1,377.80				Average	
		34+00.000	1629	780,089.1	847,667.9	1,383.80				Average	
		36+00.000	1630	780,281.9	847,721.3	1,388.50				Average	
		38+00.000	1631	780,475.3	847,772.0	1,391.40				Average	Y
		40+00.000	1632	780,672.8	847,802.4	1,392.60				Average	Y
		42+00.000	1633	780,872.6	847,808.4	1,392.10				Average	Y
		44+00.000	1634	781,071.7	847,790.0	1,389.80				Average	
		46+00.000	1635	781,267.0	847,747.5	1,386.40				Average	
		48+00.000	1636	781,455.6	847,681.5	1,385.40				Average	

		50+00.000	1637	781,634.9	847,593.0	1,387.60				Average	
		52+00.000	1638	781,802.0	847,483.4	1,392.10				Average	
		54+00.000	1639	781,954.5	847,354.2	1,395.20				Average	
		56+00.000	1640	782,090.1	847,207.3	1,396.30				Average	
		58+00.000	1641	782,206.8	847,045.1	1,395.30				Average	
		60+00.000	2694	782,283.4	846,922.4	1,393.60				Average	
		60+00.000	1642	782,373.8	846,778.9	1,391.00					
SR24WBtoSR202EB	24.0	point3041	3041	783,469.1	845,337.0	1,400.70				Average	
		60+00.000	1560	783,353.6	845,500.3	1,398.50				Average	
		58+00.000	1559	783,245.7	845,668.7	1,396.00				Average	
		56+00.000	1558	783,140.6	845,838.8	1,393.60				Average	
		54+00.000	1557	783,035.4	846,008.9	1,390.90				Average	
		52+00.000	1556	782,930.2	846,179.0	1,388.00				Average	
		50+00.000	1555	782,825.1	846,349.2	1,385.10				Average	
		48+00.000	1554	782,719.9	846,519.3	1,382.50				Average	
		46+00.000	1553	782,614.8	846,689.4	1,380.40				Average	
		44+00.000	1552	782,509.7	846,859.6	1,378.80				Average	
		42+00.000	1551	782,413.5	847,034.8	1,377.70				Average	
		40+00.000	1550	782,332.9	847,217.8	1,377.00				Average	
		38+00.000	1549	782,268.6	847,407.1	1,376.70				Average	
		36+00.000	1548	782,221.0	847,601.3	1,377.00				Average	
		34+00.000	1547	782,190.5	847,798.9	1,377.70				Average	
		32+00.000	1546	782,177.4	847,998.4	1,378.90				Average	
		30+00.000	1545	782,181.7	848,198.3	1,380.50				Average	
		28+00.000	1544	782,203.4	848,397.1	1,382.60				Average	
		26+00.000	1543	782,242.4	848,593.2	1,385.20				Average	
		24+00.000	1542	782,298.3	848,785.1	1,387.90				Average	
		22+00.000	1541	782,370.7	848,971.5	1,390.60				Average	
		20+00.000	1540	782,457.9	849,151.5	1,393.30				Average	
		18+00.000	1539	782,547.8	849,330.1	1,395.90					
SR24_EB_Out_1	12.0	point2693	3046	782,853.6	845,954.4	1,391.80				Average	
		20+00.000	3047	782,886.2	845,907.1	1,392.50				Average	
		22+00.000	3048	782,991.4	845,741.6	1,395.60				Average	
		24+00.000	3049	783,096.5	845,571.5	1,399.10				Average	
		26+00.000	3050	783,205.5	845,401.5	1,403.20				Average	
		28+00.000	3051	783,320.4	845,235.5	1,404.00				Average	
		30+00.000	3052	783,441.0	845,073.5	1,404.90				Average	
		32+00.000	3053	783,567.1	844,915.9	1,405.90				Average	
		34+00.000	3054	783,698.7	844,762.8	1,406.90				Average	

		36+00.000	3055	783,835.6	844,614.3	1,407.90				Average	
		38+00.000	3056	783,977.6	844,470.8	1,408.90					
SR202WBtoSR24EB-2-2	24.0	point3057	3057	781,294.9	848,420.1	1,449.40				Average	Y
		40+00.000	1597	781,288.6	848,220.4	1,449.00				Average	Y
		42+00.000	1598	781,315.4	848,022.4	1,446.20				Average	Y
		44+00.000	1599	781,374.5	847,831.6	1,441.00				Average	Y
		46+00.000	1600	781,464.3	847,653.1	1,433.80				Average	Y
		48+00.000	1601	781,582.3	847,491.9	1,426.00				Average	
		50+00.000	1602	781,719.3	847,346.3	1,418.30				Average	
		52+00.000	1603	781,857.4	847,201.6	1,410.60				Average	
		54+00.000	1604	781,995.4	847,056.9	1,402.90				Average	
		56+00.000	1605	782,131.5	846,910.3	1,395.40				Average	
		58+00.000	1606	782,263.2	846,759.8	1,390.10				Average	
		60+00.000	1607	782,390.5	846,605.5	1,387.00				Average	
		62+00.000	1608	782,513.2	846,447.6	1,386.40				Average	
		64+00.000	1609	782,631.3	846,286.2	1,387.30				Average	
		66+00.000	1610	782,744.7	846,121.5	1,389.50				Average	
		68+00.000	1611	782,853.2	845,953.5	1,391.80					

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
SR24WBtoSR202WB	78+00.000	1529	2686	60	248	60	50	60	0	0	0	0
	76+00.000	1528	2686	60	248	60	50	60	0	0	0	0
	74+00.000	1527	2686	60	248	60	50	60	0	0	0	0
	72+00.000	1526	2686	60	248	60	50	60	0	0	0	0
	70+00.000	1525	2686	60	248	60	50	60	0	0	0	0
	68+00.000	1524	2686	60	248	60	50	60	0	0	0	0
	66+00.000	1523	2686	60	248	60	50	60	0	0	0	0
	64+00.000	1522	2686	60	248	60	50	60	0	0	0	0
	62+00.000	1521	2686	60	248	60	50	60	0	0	0	0
	60+00.000	1520	2686	60	248	60	50	60	0	0	0	0
	58+00.000	1519	2686	60	248	60	50	60	0	0	0	0
	56+00.000	1518										
SR24WB_offramptoSR202EB	92+00.000	1576	3612	50	376	50	77	50	0	0	0	0
	90+00.000	1575	3612	50	376	50	77	50	0	0	0	0
	88+00.000	1574	3612	50	376	50	77	50	0	0	0	0
	86+00.000	1573	3612	50	376	50	77	50	0	0	0	0
	84+00.000	1572	3612	50	376	50	77	50	0	0	0	0
	82+00.000	1571	3612	50	376	50	77	50	0	0	0	0
	80+00.000	1570	3612	50	376	50	77	50	0	0	0	0
	78+00.000	1569	3612	50	376	50	77	50	0	0	0	0
	76+00.000	1568	3612	50	376	50	77	50	0	0	0	0
	74+00.000	1567	3612	50	376	50	77	50	0	0	0	0
	72+00.000	1566	3612	50	376	50	77	50	0	0	0	0

	70+00.000	1565	3612	50	376	50	77	50	0	0	0	0
	68+00.000	1564	3612	50	376	50	77	50	0	0	0	0
	66+00.000	1563	3612	50	376	50	77	50	0	0	0	0
	64+00.000	1562	3612	50	376	50	77	50	0	0	0	0
	62+00.000	1561										
SR202EBtoEllsworth	10+00.000	1643	122	60	8	60	1	60	0	0	0	0
	12+00.000	1644	122	60	8	60	1	60	0	0	0	0
	14+00.000	1645	122	60	8	60	1	60	0	0	0	0
	16+00.000	1646	122	60	8	60	1	60	0	0	0	0
	18+00.000	1647	122	60	8	60	1	60	0	0	0	0
	20+00.000	1648	122	60	8	60	1	60	0	0	0	0
	22+00.000	1649	122	60	8	60	1	60	0	0	0	0
	24+00.000	1650	122	60	8	60	1	60	0	0	0	0
	26+00.000	1651	122	60	8	60	1	60	0	0	0	0
	28+00.000	1652	122	60	8	60	1	60	0	0	0	0
	30+00.000	1653	122	60	8	60	1	60	0	0	0	0
	32+00.000	1654	122	60	8	60	1	60	0	0	0	0
	34+00.000	1655	122	60	8	60	1	60	0	0	0	0
	36+00.000	1656	122	60	8	60	1	60	0	0	0	0
	38+00.000	1657	122	60	8	60	1	60	0	0	0	0
	40+00.000	1658	122	60	8	60	1	60	0	0	0	0
	42+00.000	1659	122	60	8	60	1	60	0	0	0	0
	44+00.000	1660	122	60	8	60	1	60	0	0	0	0
	46+00.000	1661	122	60	8	60	1	60	0	0	0	0
	48+00.000	1662	122	60	8	60	1	60	0	0	0	0
	50+00.000	1663	122	60	8	60	1	60	0	0	0	0
	52+00.000	1664	122	60	8	60	1	60	0	0	0	0
	54+00.000	1665	122	60	8	60	1	60	0	0	0	0
	56+00.000	1666	122	60	8	60	1	60	0	0	0	0
	58+00.000	1667	122	60	8	60	1	60	0	0	0	0
	60+00.000	1668	122	60	8	60	1	60	0	0	0	0
	62+00.000	1669	122	60	8	60	1	60	0	0	0	0
	64+00.000	1670	122	60	8	60	1	60	0	0	0	0
	66+00.000	1671	122	60	8	60	1	60	0	0	0	0
	68+00.000	1672	122	60	8	60	1	60	0	0	0	0
	70+00.000	1673	122	60	8	60	1	60	0	0	0	0

	72+00.000	1674	122	60	8	60	1	60	0	0	0	0
	74+00.000	1675	122	60	8	60	1	60	0	0	0	0
	76+00.000	1676	122	60	8	60	1	60	0	0	0	0
	78+00.000	1677	122	60	8	60	1	60	0	0	0	0
	80+00.000	1678	122	60	8	60	1	60	0	0	0	0
	82+00.000	1679										
Ellsworth WB OnRamp	26+00.000	1755	1729	50	141	50	25	50	0	0	0	0
	24+00.000	1754	1729	50	141	50	25	50	0	0	0	0
	22+00.000	1753										
Ellsworth WB OffRamp	26+00.000	1769	586	50	21	50	4	50	0	0	0	0
	24+00.000	1768	586	50	21	50	4	50	0	0	0	0
	22+00.000	1767	586	50	21	50	4	50	0	0	0	0
	20+00.000	1766	586	50	21	50	4	50	0	0	0	0
	18+00.000	1765	586	50	21	50	4	50	0	0	0	0
	16+00.000	1764	586	50	21	50	4	50	0	0	0	0
	14+00.000	1763	586	50	21	50	4	50	0	0	0	0
	12+00.000	1762	586	50	21	50	4	50	0	0	0	0
	10+00.000	1761	586	50	21	50	4	50	0	0	0	0
	8+00.000	1760	586	50	21	50	4	50	0	0	0	0
	6+00.000	1759	586	50	21	50	4	50	0	0	0	0
	4+00.000	1758	586	50	21	50	4	50	0	0	0	0
	2+00.000	1757	586	50	21	50	4	50	0	0	0	0
	0+00.000	1756										
Ellsworth EB OffRamp_up	0+00.000	1770	1402	50	116	50	20	50	0	0	0	0
	2+00.000	1771	1402	50	116	50	20	50	0	0	0	0
	4+00.000	1772	1402	50	116	50	20	50	0	0	0	0
	6+00.000	1773	1402	50	116	50	20	50	0	0	0	0
	8+00.000	1774	1402	50	116	50	20	50	0	0	0	0
	10+00.000	1775	1402	50	116	50	20	50	0	0	0	0
	12+00.000	1776	1402	50	116	50	20	50	0	0	0	0
	14+00.000	1777										
Ellsworth EB OnRamp	0+00.000	1784	606	50	19	50	4	50	0	0	0	0
	2+00.000	1785	606	50	19	50	4	50	0	0	0	0
	4+00.000	1786	606	50	19	50	4	50	0	0	0	0
	6+00.000	1787	606	50	19	50	4	50	0	0	0	0
	8+00.000	1788	606	50	19	50	4	50	0	0	0	0

	10+00.000	1789	606	50	19	50	4	50	0	0	0	0
	12+00.000	1790	606	50	19	50	4	50	0	0	0	0
	14+00.000	1791	606	50	19	50	4	50	0	0	0	0
	16+00.000	1792	606	50	19	50	4	50	0	0	0	0
	18+00.000	1793	606	50	19	50	4	50	0	0	0	0
	20+00.000	1794	606	50	19	50	4	50	0	0	0	0
	22+00.000	1795										
Williams Field EB OnRamp	0+00.000	1796	338	50	14	50	4	50	0	0	0	0
	2+00.000	1797	338	50	14	50	4	50	0	0	0	0
	4+00.000	1798	338	50	14	50	4	50	0	0	0	0
	6+00.000	1799	338	50	14	50	4	50	0	0	0	0
	8+00.000	1800	338	50	14	50	4	50	0	0	0	0
	10+00.000	1801	338	50	14	50	4	50	0	0	0	0
	12+00.000	1802	338	50	14	50	4	50	0	0	0	0
	14+00.000	1803	338	50	14	50	4	50	0	0	0	0
	16+00.000	1804	338	50	14	50	4	50	0	0	0	0
	18+00.000	1805	338	50	14	50	4	50	0	0	0	0
	20+00.000	1806	338	50	14	50	4	50	0	0	0	0
	22+00.000	1807	338	50	14	50	4	50	0	0	0	0
	24+00.000	1808										
Williams Field EB OffRamp	0+00.000	1809	1008	50	96	50	12	50	0	0	0	0
	2+00.000	1810	1008	50	96	50	12	50	0	0	0	0
	4+00.000	1811	1008	50	96	50	12	50	0	0	0	0
	6+00.000	1812	1008	50	96	50	12	50	0	0	0	0
	8+00.000	1813	1008	50	96	50	12	50	0	0	0	0
	10+00.000	1814	1008	50	96	50	12	50	0	0	0	0
	12+00.000	1815	1008	50	96	50	12	50	0	0	0	0
	14+00.000	1816	1008	50	96	50	12	50	0	0	0	0
	16+00.000	1817	1008	50	96	50	12	50	0	0	0	0
	18+00.000	1818	1008	50	96	50	12	50	0	0	0	0
	20+00.000	1819	1008	50	96	50	12	50	0	0	0	0
	22+00.000	1820										
Williams Field WB OffRamp	26+00.000	1834	357	50	18	50	4	50	0	0	0	0
	24+00.000	1833	357	50	18	50	4	50	0	0	0	0
	22+00.000	1832	357	50	18	50	4	50	0	0	0	0
	20+00.000	1831	357	50	18	50	4	50	0	0	0	0

	18+00.000	1830	357	50	18	50	4	50	0	0	0	0
	16+00.000	1829	357	50	18	50	4	50	0	0	0	0
	14+00.000	1828	357	50	18	50	4	50	0	0	0	0
	12+00.000	1827	357	50	18	50	4	50	0	0	0	0
	10+00.000	1826	357	50	18	50	4	50	0	0	0	0
	8+00.000	1825	357	50	18	50	4	50	0	0	0	0
	6+00.000	1824	357	50	18	50	4	50	0	0	0	0
	4+00.000	1823	357	50	18	50	4	50	0	0	0	0
	2+00.000	1822	357	50	18	50	4	50	0	0	0	0
	0+00.000	1821										
Williams Field WB OnRamp	20+00.000	1845	1137	50	124	50	17	50	0	0	0	0
	18+00.000	1844	1137	50	124	50	17	50	0	0	0	0
	16+00.000	1843	1137	50	124	50	17	50	0	0	0	0
	14+00.000	1842	1137	50	124	50	17	50	0	0	0	0
	12+00.000	1841	1137	50	124	50	17	50	0	0	0	0
	10+00.000	1840	1137	50	124	50	17	50	0	0	0	0
	8+00.000	1839	1137	50	124	50	17	50	0	0	0	0
	6+00.000	1838	1137	50	124	50	17	50	0	0	0	0
	4+00.000	1837	1137	50	124	50	17	50	0	0	0	0
	2+00.000	1836	1137	50	124	50	17	50	0	0	0	0
	0+00.000	1835										
SR24_EB_In_1	10+00.000	1974	3219	70	586	70	110	70	0	0	0	0
	12+00.000	1975	3219	70	586	70	110	70	0	0	0	0
	14+00.000	1976	3219	70	586	70	110	70	0	0	0	0
	16+00.000	1977	3219	70	586	70	110	70	0	0	0	0
	18+00.000	1978	3219	70	586	70	110	70	0	0	0	0
	20+00.000	1979	3219	70	586	70	110	70	0	0	0	0
	22+00.000	1980	3219	70	586	70	110	70	0	0	0	0
	24+00.000	1981	3219	70	586	70	110	70	0	0	0	0
	26+00.000	1982	3219	70	586	70	110	70	0	0	0	0
	28+00.000	1983	3219	70	586	70	110	70	0	0	0	0
	30+00.000	1984	3219	70	586	70	110	70	0	0	0	0
	32+00.000	1985	3219	70	586	70	110	70	0	0	0	0
	34+00.000	1986	3219	70	586	70	110	70	0	0	0	0
	36+00.000	1987	3219	70	586	70	110	70	0	0	0	0
	38+00.000	1988										

Ellsworth WB OnRamptoSR202WB	26+21.759	2711	1016	50	87	50	14	50	0	0	0	0
	26+00.000	2710	1016	50	87	50	14	50	0	0	0	0
	24+00.000	2709	1016	50	87	50	14	50	0	0	0	0
	22+00.000	2708	1016	50	87	50	14	50	0	0	0	0
	20+00.000	2707	1016	50	87	50	14	50	0	0	0	0
	18+00.000	2706	1016	50	87	50	14	50	0	0	0	0
	16+00.000	2705	1016	50	87	50	14	50	0	0	0	0
	14+00.000	2704	1016	50	87	50	14	50	0	0	0	0
	12+00.000	2703	1016	50	87	50	14	50	0	0	0	0
	10+00.000	2702	1016	50	87	50	14	50	0	0	0	0
	8+00.000	2701	1016	50	87	50	14	50	0	0	0	0
	6+00.000	2700	1016	50	87	50	14	50	0	0	0	0
	4+00.000	2699	1016	50	87	50	14	50	0	0	0	0
	2+00.000	2698	1016	50	87	50	14	50	0	0	0	0
	0+00.000	2697										
Williams Field Rd WB_up	0+00.000	2738	1203	50	111	50	17	50	0	0	0	0
	3+13.303	2739	1203	50	111	50	17	50	0	0	0	0
	5+80.920	2740										
Ellsworth Rd SB_up	0+00.000	2748	2002	50	96	50	18	50	0	0	0	0
	5+69.197	2749										
Ellsworth Rd NB_up	point2802	2802	1585	50	91	50	13	50	0	0	0	0
	25+47.457	2753										
Williams Field Rd EB_up	point2804	2804	637	50	42	50	5	50	0	0	0	0
	18+56.254	2744										
SR24_WB_Out_11	point2921	2921	1279	70	187	70	25	70	0	0	0	0
	32+00.000	2539	1279	70	187	70	25	70	0	0	0	0
	30+00.000	2538	1279	70	187	70	25	70	0	0	0	0
	28+00.000	2537	1279	70	187	70	25	70	0	0	0	0
	26+00.000	2536	1279	70	187	70	25	70	0	0	0	0
	24+00.000	2535	1279	70	187	70	25	70	0	0	0	0
	22+00.000	2534	1279	70	187	70	25	70	0	0	0	0
	20+00.000	2533	1279	70	187	70	25	70	0	0	0	0
	18+00.000	2532	1279	70	187	70	25	70	0	0	0	0
	16+00.000	2531	1279	70	187	70	25	70	0	0	0	0
	14+00.000	2530	1279	70	187	70	25	70	0	0	0	0
	point2696	2696										

SR24_WB_In_11	point2922	2922	1279	70	187	70	25	70	0	0	0	0
	32+00.000	2151	1279	70	187	70	25	70	0	0	0	0
	30+00.000	2150	1279	70	187	70	25	70	0	0	0	0
	28+00.000	2149	1279	70	187	70	25	70	0	0	0	0
	26+00.000	2148	1279	70	187	70	25	70	0	0	0	0
	24+00.000	2147	1279	70	187	70	25	70	0	0	0	0
	22+00.000	2146	1279	70	187	70	25	70	0	0	0	0
	20+00.000	2145	1279	70	187	70	25	70	0	0	0	0
	18+00.000	2144	1279	70	187	70	25	70	0	0	0	0
	16+00.000	2143	1279	70	187	70	25	70	0	0	0	0
	14+00.000	2142	1279	70	187	70	25	70	0	0	0	0
	point2695	2695										
SR24_EB_Out_2	point2923	2923	2571	70	480	70	94	70	0	0	0	0
	40+00.000	2377	2571	70	480	70	94	70	0	0	0	0
	42+00.000	2378	2571	70	480	70	94	70	0	0	0	0
	44+00.000	2379	2571	70	480	70	94	70	0	0	0	0
	46+00.000	2380	2571	70	480	70	94	70	0	0	0	0
	48+00.000	2381	2571	70	480	70	94	70	0	0	0	0
	50+00.000	2382	2571	70	480	70	94	70	0	0	0	0
	52+00.000	2383	2571	70	480	70	94	70	0	0	0	0
	54+00.000	2384	2571	70	480	70	94	70	0	0	0	0
	56+00.000	2385	2571	70	480	70	94	70	0	0	0	0
	58+00.000	2386	2571	70	480	70	94	70	0	0	0	0
	60+00.000	2387	2571	70	480	70	94	70	0	0	0	0
	62+00.000	2388	2571	70	480	70	94	70	0	0	0	0
	64+00.000	2389	2571	70	480	70	94	70	0	0	0	0
	66+00.000	2390	2571	70	480	70	94	70	0	0	0	0
	68+00.000	2391	2571	70	480	70	94	70	0	0	0	0
	70+00.000	2392	2571	70	480	70	94	70	0	0	0	0
	72+00.000	2393	2571	70	480	70	94	70	0	0	0	0
	74+00.000	2394	2571	70	480	70	94	70	0	0	0	0
	76+00.000	2395	2571	70	480	70	94	70	0	0	0	0
	78+00.000	2396	2571	70	480	70	94	70	0	0	0	0
	80+00.000	2397	2571	70	480	70	94	70	0	0	0	0
	82+00.000	2398	2571	70	480	70	94	70	0	0	0	0
	84+00.000	2399	2571	70	480	70	94	70	0	0	0	0

	86+00.000	2400										
SR24_EB_In_2	point2924	2924	2571	70	480	70	94	70	0	0	0	0
	40+00.000	1989	2571	70	480	70	94	70	0	0	0	0
	42+00.000	1990	2571	70	480	70	94	70	0	0	0	0
	44+00.000	1991	2571	70	480	70	94	70	0	0	0	0
	46+00.000	1992	2571	70	480	70	94	70	0	0	0	0
	48+00.000	1993	2571	70	480	70	94	70	0	0	0	0
	50+00.000	1994	2571	70	480	70	94	70	0	0	0	0
	52+00.000	1995	2571	70	480	70	94	70	0	0	0	0
	54+00.000	1996	2571	70	480	70	94	70	0	0	0	0
	56+00.000	1997	2571	70	480	70	94	70	0	0	0	0
	58+00.000	1998	2571	70	480	70	94	70	0	0	0	0
	60+00.000	1999	2571	70	480	70	94	70	0	0	0	0
	62+00.000	2000	2571	70	480	70	94	70	0	0	0	0
	64+00.000	2001	2571	70	480	70	94	70	0	0	0	0
	66+00.000	2002	2571	70	480	70	94	70	0	0	0	0
	68+00.000	2003	2571	70	480	70	94	70	0	0	0	0
	70+00.000	2004	2571	70	480	70	94	70	0	0	0	0
	72+00.000	2005	2571	70	480	70	94	70	0	0	0	0
	74+00.000	2006	2571	70	480	70	94	70	0	0	0	0
	76+00.000	2007	2571	70	480	70	94	70	0	0	0	0
	78+00.000	2008	2571	70	480	70	94	70	0	0	0	0
	80+00.000	2009	2571	70	480	70	94	70	0	0	0	0
	82+00.000	2010	2571	70	480	70	94	70	0	0	0	0
	84+00.000	2011	2571	70	480	70	94	70	0	0	0	0
	86+00.000	2012										
SR24_WB_Out_10	point2925	2925	1009	70	79	70	15	70	0	0	0	0
	56+00.000	2551	1009	70	79	70	15	70	0	0	0	0
	54+00.000	2550	1009	70	79	70	15	70	0	0	0	0
	52+00.000	2549	1009	70	79	70	15	70	0	0	0	0
	50+00.000	2548	1009	70	79	70	15	70	0	0	0	0
	48+00.000	2547	1009	70	79	70	15	70	0	0	0	0
	46+00.000	2546	1009	70	79	70	15	70	0	0	0	0
	44+00.000	2545	1009	70	79	70	15	70	0	0	0	0
	42+00.000	2544	1009	70	79	70	15	70	0	0	0	0
	40+00.000	2543	1009	70	79	70	15	70	0	0	0	0

	38+00.000	2542	1009	70	79	70	15	70	0	0	0	0
	36+00.000	2541	1009	70	79	70	15	70	0	0	0	0
	34+00.000	2540										
SR24_WB_In_10	point2926	2926	1009	70	79	70	15	70	0	0	0	0
	56+00.000	2163	1009	70	79	70	15	70	0	0	0	0
	54+00.000	2162	1009	70	79	70	15	70	0	0	0	0
	52+00.000	2161	1009	70	79	70	15	70	0	0	0	0
	50+00.000	2160	1009	70	79	70	15	70	0	0	0	0
	48+00.000	2159	1009	70	79	70	15	70	0	0	0	0
	46+00.000	2158	1009	70	79	70	15	70	0	0	0	0
	44+00.000	2157	1009	70	79	70	15	70	0	0	0	0
	42+00.000	2156	1009	70	79	70	15	70	0	0	0	0
	40+00.000	2155	1009	70	79	70	15	70	0	0	0	0
	38+00.000	2154	1009	70	79	70	15	70	0	0	0	0
	36+00.000	2153	1009	70	79	70	15	70	0	0	0	0
	34+00.000	2152										
SR24_WB_Out_9	point2927	2927	2653	70	428	70	54	70	0	0	0	0
	82+00.000	2564	2653	70	428	70	54	70	0	0	0	0
	80+00.000	2563	2653	70	428	70	54	70	0	0	0	0
	78+00.000	2562	2653	70	428	70	54	70	0	0	0	0
	76+00.000	2561	2653	70	428	70	54	70	0	0	0	0
	74+00.000	2560	2653	70	428	70	54	70	0	0	0	0
	72+00.000	2559	2653	70	428	70	54	70	0	0	0	0
	70+00.000	2558	2653	70	428	70	54	70	0	0	0	0
	68+00.000	2557	2653	70	428	70	54	70	0	0	0	0
	66+00.000	2556	2653	70	428	70	54	70	0	0	0	0
	64+00.000	2555	2653	70	428	70	54	70	0	0	0	0
	62+00.000	2554	2653	70	428	70	54	70	0	0	0	0
	60+00.000	2553	2653	70	428	70	54	70	0	0	0	0
	58+00.000	2552										
SR24_EB_In_3	point2928	2928	2857	70	504	70	98	70	0	0	0	0
	88+00.000	2013	2857	70	504	70	98	70	0	0	0	0
	90+00.000	2014	2857	70	504	70	98	70	0	0	0	0
	92+00.000	2015	2857	70	504	70	98	70	0	0	0	0
	94+00.000	2016	2857	70	504	70	98	70	0	0	0	0
	96+00.000	2017	2857	70	504	70	98	70	0	0	0	0

	98+00.000	2018										
SR24_EB_Out_3	point2929	2929	2857	70	504	70	98	70	0	0	0	0
	88+00.000	2401	2857	70	504	70	98	70	0	0	0	0
	90+00.000	2402	2857	70	504	70	98	70	0	0	0	0
	92+00.000	2403	2857	70	504	70	98	70	0	0	0	0
	94+00.000	2404	2857	70	504	70	98	70	0	0	0	0
	96+00.000	2405	2857	70	504	70	98	70	0	0	0	0
	98+00.000	2406										
SR24_WB_In_9	point2930	2930	2653	70	428	70	54	70	0	0	0	0
	82+00.000	2176	2653	70	428	70	54	70	0	0	0	0
	80+00.000	2175	2653	70	428	70	54	70	0	0	0	0
	78+00.000	2174	2653	70	428	70	54	70	0	0	0	0
	76+00.000	2173	2653	70	428	70	54	70	0	0	0	0
	74+00.000	2172	2653	70	428	70	54	70	0	0	0	0
	72+00.000	2171	2653	70	428	70	54	70	0	0	0	0
	70+00.000	2170	2653	70	428	70	54	70	0	0	0	0
	68+00.000	2169	2653	70	428	70	54	70	0	0	0	0
	66+00.000	2168	2653	70	428	70	54	70	0	0	0	0
	64+00.000	2167	2653	70	428	70	54	70	0	0	0	0
	62+00.000	2166	2653	70	428	70	54	70	0	0	0	0
	60+00.000	2165	2653	70	428	70	54	70	0	0	0	0
	58+00.000	2164										
SR24_EB_Out_4	point2931	2931	2375	70	434	70	92	70	0	0	0	0
	100+00.000	2407	2375	70	434	70	92	70	0	0	0	0
	102+00.000	2408	2375	70	434	70	92	70	0	0	0	0
	104+00.000	2409	2375	70	434	70	92	70	0	0	0	0
	106+00.000	2410	2375	70	434	70	92	70	0	0	0	0
	108+00.000	2411	2375	70	434	70	92	70	0	0	0	0
	110+00.000	2412	2375	70	434	70	92	70	0	0	0	0
	112+00.000	2413	2375	70	434	70	92	70	0	0	0	0
	114+00.000	2414	2375	70	434	70	92	70	0	0	0	0
	116+00.000	2415	2375	70	434	70	92	70	0	0	0	0
	118+00.000	2416	2375	70	434	70	92	70	0	0	0	0
	120+00.000	2417	2375	70	434	70	92	70	0	0	0	0
	122+00.000	2418	2375	70	434	70	92	70	0	0	0	0
	124+00.000	2419	2375	70	434	70	92	70	0	0	0	0

	126+00.000	2420	2375	70	434	70	92	70	0	0	0	0
	128+00.000	2421	2375	70	434	70	92	70	0	0	0	0
	130+00.000	2422	2375	70	434	70	92	70	0	0	0	0
	132+00.000	2423	2375	70	434	70	92	70	0	0	0	0
	134+00.000	2424	2375	70	434	70	92	70	0	0	0	0
	136+00.000	2425	2375	70	434	70	92	70	0	0	0	0
	138+00.000	2426	2375	70	434	70	92	70	0	0	0	0
	140+00.000	2427	2375	70	434	70	92	70	0	0	0	0
	142+00.000	2428	2375	70	434	70	92	70	0	0	0	0
	144+00.000	2429										
SR24_EB_In_4	point2932	2932	2375	70	434	70	92	70	0	0	0	0
	100+00.000	2019	2375	70	434	70	92	70	0	0	0	0
	102+00.000	2020	2375	70	434	70	92	70	0	0	0	0
	104+00.000	2021	2375	70	434	70	92	70	0	0	0	0
	106+00.000	2022	2375	70	434	70	92	70	0	0	0	0
	108+00.000	2023	2375	70	434	70	92	70	0	0	0	0
	110+00.000	2024	2375	70	434	70	92	70	0	0	0	0
	112+00.000	2025	2375	70	434	70	92	70	0	0	0	0
	114+00.000	2026	2375	70	434	70	92	70	0	0	0	0
	116+00.000	2027	2375	70	434	70	92	70	0	0	0	0
	118+00.000	2028	2375	70	434	70	92	70	0	0	0	0
	120+00.000	2029	2375	70	434	70	92	70	0	0	0	0
	122+00.000	2030	2375	70	434	70	92	70	0	0	0	0
	124+00.000	2031	2375	70	434	70	92	70	0	0	0	0
	126+00.000	2032	2375	70	434	70	92	70	0	0	0	0
	128+00.000	2033	2375	70	434	70	92	70	0	0	0	0
	130+00.000	2034	2375	70	434	70	92	70	0	0	0	0
	132+00.000	2035	2375	70	434	70	92	70	0	0	0	0
	134+00.000	2036	2375	70	434	70	92	70	0	0	0	0
	136+00.000	2037	2375	70	434	70	92	70	0	0	0	0
	138+00.000	2038	2375	70	434	70	92	70	0	0	0	0
	140+00.000	2039	2375	70	434	70	92	70	0	0	0	0
	142+00.000	2040	2375	70	434	70	92	70	0	0	0	0
	144+00.000	2041										
SR24_WB_Out_8	point2933	2933	2947	70	439	70	55	70	0	0	0	0
	98+00.000	2571	2947	70	439	70	55	70	0	0	0	0

	96+00.000	2570	2947	70	439	70	55	70	0	0	0	0
	94+00.000	2569	2947	70	439	70	55	70	0	0	0	0
	92+00.000	2568	2947	70	439	70	55	70	0	0	0	0
	90+00.000	2567	2947	70	439	70	55	70	0	0	0	0
	88+00.000	2566	2947	70	439	70	55	70	0	0	0	0
	84+00.000	2565										
SR24_WB_In_8	point2934	2934	2947	70	439	70	55	70	0	0	0	0
	98+00.000	2183	2947	70	439	70	55	70	0	0	0	0
	96+00.000	2182	2947	70	439	70	55	70	0	0	0	0
	94+00.000	2181	2947	70	439	70	55	70	0	0	0	0
	92+00.000	2180	2947	70	439	70	55	70	0	0	0	0
	90+00.000	2179	2947	70	439	70	55	70	0	0	0	0
	88+00.000	2178	2947	70	439	70	55	70	0	0	0	0
	84+00.000	2177										
SR24_WB_Out_7	point2937	2937	2395	70	357	70	50	70	0	0	0	0
	146+00.000	2595	2395	70	357	70	50	70	0	0	0	0
	144+00.000	2594	2395	70	357	70	50	70	0	0	0	0
	142+00.000	2593	2395	70	357	70	50	70	0	0	0	0
	140+00.000	2592	2395	70	357	70	50	70	0	0	0	0
	138+00.000	2591	2395	70	357	70	50	70	0	0	0	0
	136+00.000	2590	2395	70	357	70	50	70	0	0	0	0
	134+00.000	2589	2395	70	357	70	50	70	0	0	0	0
	132+00.000	2588	2395	70	357	70	50	70	0	0	0	0
	130+00.000	2587	2395	70	357	70	50	70	0	0	0	0
	128+00.000	2586	2395	70	357	70	50	70	0	0	0	0
	126+00.000	2585	2395	70	357	70	50	70	0	0	0	0
	124+00.000	2584	2395	70	357	70	50	70	0	0	0	0
	122+00.000	2583	2395	70	357	70	50	70	0	0	0	0
	120+00.000	2582	2395	70	357	70	50	70	0	0	0	0
	118+00.000	2581	2395	70	357	70	50	70	0	0	0	0
	116+00.000	2580	2395	70	357	70	50	70	0	0	0	0
	114+00.000	2579	2395	70	357	70	50	70	0	0	0	0
	112+00.000	2578	2395	70	357	70	50	70	0	0	0	0
	110+00.000	2577	2395	70	357	70	50	70	0	0	0	0
	108+00.000	2576	2395	70	357	70	50	70	0	0	0	0
	106+00.000	2575	2395	70	357	70	50	70	0	0	0	0

	104+00.000	2574	2395	70	357	70	50	70	0	0	0	0
	102+00.000	2573	2395	70	357	70	50	70	0	0	0	0
	100+00.000	2572										
SR24_WB_In_7	point2938	2938	2395	70	357	70	50	70	0	0	0	0
	146+00.000	2207	2395	70	357	70	50	70	0	0	0	0
	144+00.000	2206	2395	70	357	70	50	70	0	0	0	0
	142+00.000	2205	2395	70	357	70	50	70	0	0	0	0
	140+00.000	2204	2395	70	357	70	50	70	0	0	0	0
	138+00.000	2203	2395	70	357	70	50	70	0	0	0	0
	136+00.000	2202	2395	70	357	70	50	70	0	0	0	0
	134+00.000	2201	2395	70	357	70	50	70	0	0	0	0
	132+00.000	2200	2395	70	357	70	50	70	0	0	0	0
	130+00.000	2199	2395	70	357	70	50	70	0	0	0	0
	128+00.000	2198	2395	70	357	70	50	70	0	0	0	0
	126+00.000	2197	2395	70	357	70	50	70	0	0	0	0
	124+00.000	2196	2395	70	357	70	50	70	0	0	0	0
	122+00.000	2195	2395	70	357	70	50	70	0	0	0	0
	120+00.000	2194	2395	70	357	70	50	70	0	0	0	0
	118+00.000	2193	2395	70	357	70	50	70	0	0	0	0
	116+00.000	2192	2395	70	357	70	50	70	0	0	0	0
	114+00.000	2191	2395	70	357	70	50	70	0	0	0	0
	112+00.000	2190	2395	70	357	70	50	70	0	0	0	0
	110+00.000	2189	2395	70	357	70	50	70	0	0	0	0
	108+00.000	2188	2395	70	357	70	50	70	0	0	0	0
	106+00.000	2187	2395	70	357	70	50	70	0	0	0	0
	104+00.000	2186	2395	70	357	70	50	70	0	0	0	0
	102+00.000	2185	2395	70	357	70	50	70	0	0	0	0
	100+00.000	2184										
Williams Field Rd EB	point3014	3014	1175	50	100	50	13	50	0	0	0	0
	22+66.871	2745										
Williams Field Rd EB_down	point3015	3015	1071	50	79	50	12	50	0	0	0	0
	26+55.733	2746	1071	50	79	50	12	50	0	0	0	0
	29+69.416	2747										
Williams Field Rd WB	point3016	3016	527	50	26	50	4	50	0	0	0	0
	9+98.802	2741										
Williams Field Rd WB_down	point3017	3017	660	50	50	50	5	50	0	0	0	0

	14+59.315	2742										
Ellsworth Rd NB	point3018	3018	2092	50	134	50	22	50	0	0	0	0
	32+57.921	2754										
Ellsworth Rd NB_down	point3019	3019	1716	50	78	50	15	50	0	0	0	0
	39+94.318	2755										
Ellsworth Rd SB	point3020	3020	1235	50	33	50	5	50	0	0	0	0
	12+60.520	2750										
Ellsworth Rd SB_down	point3021	3021	1645	50	96	50	12	50	0	0	0	0
	19+69.946	2751										
Ellsworth WB OnRamp_down	point3038	3038	713	50	54	50	11	50	0	0	0	0
	20+00.000	1752	713	50	54	50	11	50	0	0	0	0
	18+00.000	1751	713	50	54	50	11	50	0	0	0	0
	16+00.000	1750	713	50	54	50	11	50	0	0	0	0
	14+00.000	1749	713	50	54	50	11	50	0	0	0	0
	12+00.000	1748	713	50	54	50	11	50	0	0	0	0
	10+00.000	1747	713	50	54	50	11	50	0	0	0	0
	8+00.000	1746	713	50	54	50	11	50	0	0	0	0
	6+00.000	1745	713	50	54	50	11	50	0	0	0	0
	4+00.000	1744	713	50	54	50	11	50	0	0	0	0
	2+00.000	1743	713	50	54	50	11	50	0	0	0	0
	0+00.000	1742										
Ellsworth EB OffRamp	point3039	3039	1524	50	125	50	21	50	0	0	0	0
	16+00.000	1778	1524	50	125	50	21	50	0	0	0	0
	18+00.000	1779	1524	50	125	50	21	50	0	0	0	0
	20+00.000	1780	1524	50	125	50	21	50	0	0	0	0
	22+00.000	1781	1524	50	125	50	21	50	0	0	0	0
	24+00.000	1782	1524	50	125	50	21	50	0	0	0	0
	26+00.000	1783										
SR202EBtoSR24EB_down	point3040	3040	2600	60	219	60	48	60	0	0	0	0
	32+00.000	1628	2600	60	219	60	48	60	0	0	0	0
	34+00.000	1629	2600	60	219	60	48	60	0	0	0	0
	36+00.000	1630	2600	60	219	60	48	60	0	0	0	0
	38+00.000	1631	2600	60	219	60	48	60	0	0	0	0
	40+00.000	1632	2600	60	219	60	48	60	0	0	0	0
	42+00.000	1633	2600	60	219	60	48	60	0	0	0	0
	44+00.000	1634	2600	60	219	60	48	60	0	0	0	0

	46+00.000	1635	2600	60	219	60	48	60	0	0	0	0
	48+00.000	1636	2600	60	219	60	48	60	0	0	0	0
	50+00.000	1637	2600	60	219	60	48	60	0	0	0	0
	52+00.000	1638	2600	60	219	60	48	60	0	0	0	0
	54+00.000	1639	2600	60	219	60	48	60	0	0	0	0
	56+00.000	1640	2600	60	219	60	48	60	0	0	0	0
	58+00.000	1641	2600	60	219	60	48	60	0	0	0	0
	60+00.000	2694	2600	60	219	60	48	60	0	0	0	0
	60+00.000	1642										
SR24WBtoSR202EB	point3041	3041	4628	60	463	60	91	60	0	0	0	0
	60+00.000	1560	4628	60	463	60	91	60	0	0	0	0
	58+00.000	1559	4628	60	463	60	91	60	0	0	0	0
	56+00.000	1558	4628	60	463	60	91	60	0	0	0	0
	54+00.000	1557	4628	60	463	60	91	60	0	0	0	0
	52+00.000	1556	4628	60	463	60	91	60	0	0	0	0
	50+00.000	1555	4628	60	463	60	91	60	0	0	0	0
	48+00.000	1554	4628	60	463	60	91	60	0	0	0	0
	46+00.000	1553	4628	60	463	60	91	60	0	0	0	0
	44+00.000	1552	4628	60	463	60	91	60	0	0	0	0
	42+00.000	1551	4628	60	463	60	91	60	0	0	0	0
	40+00.000	1550	4628	60	463	60	91	60	0	0	0	0
	38+00.000	1549	4628	60	463	60	91	60	0	0	0	0
	36+00.000	1548	4628	60	463	60	91	60	0	0	0	0
	34+00.000	1547	4628	60	463	60	91	60	0	0	0	0
	32+00.000	1546	4628	60	463	60	91	60	0	0	0	0
	30+00.000	1545	4628	60	463	60	91	60	0	0	0	0
	28+00.000	1544	4628	60	463	60	91	60	0	0	0	0
	26+00.000	1543	4628	60	463	60	91	60	0	0	0	0
	24+00.000	1542	4628	60	463	60	91	60	0	0	0	0
	22+00.000	1541	4628	60	463	60	91	60	0	0	0	0
	20+00.000	1540	4628	60	463	60	91	60	0	0	0	0
	18+00.000	1539										
SR24_EB_Out_1	point2693	3046	3219	70	586	70	110	70	0	0	0	0
	20+00.000	3047	3219	70	586	70	110	70	0	0	0	0
	22+00.000	3048	3219	70	586	70	110	70	0	0	0	0
	24+00.000	3049	3219	70	586	70	110	70	0	0	0	0

	26+00.000	3050	3219	70	586	70	110	70	0	0	0	0
	28+00.000	3051	3219	70	586	70	110	70	0	0	0	0
	30+00.000	3052	3219	70	586	70	110	70	0	0	0	0
	32+00.000	3053	3219	70	586	70	110	70	0	0	0	0
	34+00.000	3054	3219	70	586	70	110	70	0	0	0	0
	36+00.000	3055	3219	70	586	70	110	70	0	0	0	0
	38+00.000	3056										
SR202WBtoSR24EB-2-2	point3057	3057	4440	60	439	60	82	60	0	0	0	0
	40+00.000	1597	4440	60	439	60	82	60	0	0	0	0
	42+00.000	1598	4440	60	439	60	82	60	0	0	0	0
	44+00.000	1599	4440	60	439	60	82	60	0	0	0	0
	46+00.000	1600	4440	60	439	60	82	60	0	0	0	0
	48+00.000	1601	4440	60	439	60	82	60	0	0	0	0
	50+00.000	1602	4440	60	439	60	82	60	0	0	0	0
	52+00.000	1603	4440	60	439	60	82	60	0	0	0	0
	54+00.000	1604	4440	60	439	60	82	60	0	0	0	0
	56+00.000	1605	4440	60	439	60	82	60	0	0	0	0
	58+00.000	1606	4440	60	439	60	82	60	0	0	0	0
	60+00.000	1607	4440	60	439	60	82	60	0	0	0	0
	62+00.000	1608	4440	60	439	60	82	60	0	0	0	0
	64+00.000	1609	4440	60	439	60	82	60	0	0	0	0
	66+00.000	1610	4440	60	439	60	82	60	0	0	0	0
	68+00.000	1611										

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Barrier									Points									
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment			
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
PW1	W	0.00	99.99	0.00				0.00	point362	362	786,695.1	843,603.9	1,393.62	6.00	0.00	0	0	
									point363	363	786,756.7	843,514.2	1,397.57	6.00	0.00	0	0	
									point364	364	786,827.9	843,417.7	1,398.49	6.00	0.00	0	0	
									point365	365	786,888.5	843,333.9	1,398.46	6.00	0.00	0	0	
									point366	366	786,980.6	843,207.7	1,399.06	6.00	0.00	0	0	
									point367	367	787,068.4	843,087.6	1,398.52	6.00	0.00	0	0	
									point368	368	787,164.7	842,956.4	1,397.49	6.00	0.00	0	0	
									point369	369	787,283.7	842,794.5	1,395.52	6.00				
PW2	W	0.00	99.99	0.00				0.00	point443	443	787,743.7	842,328.6	1,395.62	6.00	0.00	0	0	
									point371	371	787,743.8	842,265.6	1,395.76	6.00	0.00	0	0	
									point372	372	787,784.8	842,265.5	1,395.38	6.00				
PW3	W	0.00	99.99	0.00				0.00	point445	445	787,829.1	842,193.8	1,394.52	6.00	0.00	0	0	
									point376	376	787,829.1	842,146.4	1,394.26	6.00	0.00	0	0	
									point377	377	787,875.1	842,145.7	1,392.24	6.00				
PW4	W	0.00	99.99	0.00				0.00	point447	447	787,984.7	842,024.2	1,396.21	6.00	0.00	0	0	
									point380	380	788,045.1	842,024.3	1,396.21	6.00				
PW5	W	0.00	99.99	0.00				0.00	point449	449	788,025.3	841,950.2	1,396.21	6.00	0.00	0	0	
									point382	382	788,025.0	841,859.4	1,396.16	6.00	0.00	0	0	
									point383	383	788,144.6	841,858.4	1,396.38	6.00	0.00	0	0	
									point384	384	788,145.2	841,816.5	1,396.38	6.00	0.00	0	0	
									point385	385	788,212.6	841,816.4	1,396.38	6.00				
PW6	W	0.00	99.99	0.00				0.00	point451	451	788,176.5	841,726.8	1,396.38	6.00	0.00	0	0	
									point387	387	788,257.6	841,726.6	1,396.38	6.00				
PW7	W	0.00	99.99	0.00				0.00	point453	453	788,174.8	841,640.8	1,395.61	6.00	0.00	0	0	
									point391	391	788,273.8	841,639.9	1,395.74	6.00				
PW8	W	0.00	99.99	0.00				0.00	point455	455	788,291.3	841,593.8	1,395.74	6.00	0.00	0	0	
									point393	393	788,289.9	841,462.1	1,395.36	6.00				
PW9	W	0.00	99.99	0.00				0.00	point457	457	788,417.2	841,415.0	1,399.18	6.00	0.00	0	0	
									point396	396	788,417.8	841,351.7	1,399.18	6.00				
PW10	W	0.00	99.99	0.00				0.00	point459	459	788,536.8	841,272.9	1,399.18	6.00	0.00	0	0	
									point399	399	788,536.2	841,174.9	1,399.18	6.00	0.00	0	0	
									point400	400	788,665.5	841,173.2	1,397.72	6.00	0.00	0	0	
									point401	401	788,665.5	841,214.4	1,397.72	6.00				
PW11	W	0.00	99.99	0.00				0.00	point461	461	788,653.9	841,130.2	1,399.74	6.00	0.00	0	0	
									point403	403	788,555.0	841,131.1	1,399.74	6.00	0.00	0	0	

									point404	404	788,555.1	841,172.8	1,399.48	6.00						
PW12	W	0.00	99.99	0.00				0.00	point463	463	788,803.6	840,986.5	1,400.07	6.00	0.00	0	0			
									point406	406	788,802.5	840,888.1	1,399.49	6.00						
PW13	W	0.00	99.99	0.00				0.00	point465	465	788,889.1	840,930.2	1,398.87	6.00	0.00	0	0			
									point408	408	788,887.5	840,755.5	1,398.52	6.00						
PW14	W	0.00	99.99	0.00				0.00	point467	467	789,028.8	840,698.0	1,399.54	6.00	0.00	0	0			
									point410	410	789,028.1	840,600.4	1,399.18	6.00						
PW15	W	0.00	99.99	0.00				0.00	point469	469	789,148.4	840,633.6	1,400.18	6.00	0.00	0	0			
									point412	412	789,152.6	840,454.6	1,399.67	6.00						
PW16	W	0.00	99.99	0.00				0.00	point471	471	789,292.6	840,411.0	1,399.45	6.00	0.00	0	0			
									point414	414	789,292.0	840,312.2	1,399.68	6.00						
PW17	W	0.00	99.99	0.00				0.00	point473	473	789,355.4	840,312.0	1,400.18	6.00	0.00	0	0			
									point417	417	789,459.6	840,311.0	1,400.18	6.00						
PW18	W	0.00	99.99	0.00				0.00	point475	475	789,354.0	840,268.6	1,399.80	6.00	0.00	0	0			
									point419	419	789,353.4	840,233.2	1,399.39	6.00	0.00	0	0			
									point420	420	789,361.0	840,224.9	1,399.60	6.00	0.00	0	0			
									point421	421	789,446.8	840,224.2	1,400.42	6.00						
PW19	W	0.00	99.99	0.00				0.00	point477	477	789,528.7	840,124.2	1,400.42	6.00	0.00	0	0			
									point423	423	789,528.6	840,037.9	1,400.30	6.00	0.00	0	0			
									point424	424	789,539.3	840,026.3	1,400.49	6.00						
PW20	W	0.00	99.99	0.00				0.00	point479	479	789,688.5	840,033.0	1,400.53	6.00	0.00	0	0			
									point426	426	789,687.9	839,926.2	1,400.53	6.00						
PW21	W	0.00	99.99	0.00				0.00	point481	481	789,792.4	839,837.0	1,400.53	6.00	0.00	0	0			
									point429	429	789,792.2	839,739.3	1,400.59	6.00						
PW22	W	0.00	99.99	0.00				0.00	point483	483	789,946.9	839,575.6	1,400.65	6.00	0.00	0	0			
									point431	431	790,046.6	839,574.4	1,400.49	6.00						
PW23	W	0.00	99.99	0.00				0.00	point485	485	790,179.5	839,407.3	1,400.49	6.00	0.00	0	0			
									point433	433	790,178.4	839,309.9	1,400.39	6.00						
PW24	W	0.00	99.99	0.00				0.00	point487	487	790,338.7	839,308.2	1,400.98	6.00	0.00	0	0			
									point436	436	790,338.7	839,399.3	1,401.31	6.00						
PW25	W	0.00	99.99	0.00				0.00	point489	489	790,416.2	839,376.8	1,401.31	6.00	0.00	0	0			
									point438	438	790,514.7	839,377.0	1,401.31	6.00	0.00	0	0			
									point439	439	790,515.6	839,456.3	1,401.31	6.00	0.00	0	0			
									point440	440	790,516.1	839,477.0	1,401.31	6.00	0.00	0	0			
									point441	441	790,783.6	839,472.9	1,401.31	6.00						
Barrier134	W	0.00	99.99	0.00				0.00	point71	573	785,372.6	843,630.9	1,416.82	3.67	0.00	0	0			
									55+44.15	574	785,468.9	843,564.0	1,417.40	3.67	0.00	0	0			
									56+77.23	575	785,579.8	843,489.6	1,418.05	3.67	0.00	0	0			
									57+76.76	576	785,662.5	843,435.8	1,418.48	3.67	0.00	0	0			
									60+18.99	577	785,873.4	843,316.5	1,417.99	3.67	0.00	0	0	Y		
									61+64.64	578	785,997.8	843,240.8	1,416.56	3.67	0.00	0	0	Y		
									61+76.68	579	786,008.2	843,234.7	1,416.40	3.67	0.00	0	0	Y		
									63+68.75	580	786,173.8	843,137.4	1,413.12	3.67	0.00	0	0	Y		
									65+51.28	581	786,330.9	843,042.8	1,408.65	3.67	0.00	0	0			
									65+75.46	582	786,351.6	843,029.6	1,407.99	3.67	0.00	0	0			
									67+72.27	583	786,519.9	842,922.1	1,402.63	3.67	0.00	0	0			
									69+44.49	584	786,664.0	842,823.0	1,398.24	3.67	0.00	0	0			
									69+69.55	585	786,684.5	842,808.0	1,397.69	3.67	0.00	0	0			
									70+87.69	586	786,781.4	842,737.4	1,395.44	3.67						

Barrier WB1	W	0.00	99.99	0.00				0.00	121+37.715	587	790,480.0	839,312.1	1,400.53	8.00	2.00	5	0	
									120+83.583	588	790,371.6	839,275.2	1,400.27	8.00	2.00	5	0	
									120+41.774	589	790,258.4	839,219.5	1,399.39	8.00	2.00	5	0	
									120+08.418	590	790,220.0	839,226.3	1,399.43	8.00	2.00	5	0	
									119+80.884	591	790,202.3	839,245.5	1,399.48	8.00	2.00	5	0	
									point711	711	790,169.0	839,282.8	1,399.32	8.00	2.00	5	0	
									point712	712	790,135.8	839,320.1	1,399.16	8.00	2.00	5	0	
									point713	713	790,102.4	839,357.4	1,398.99	8.00	2.00	5	0	
									117+70.006	592	790,069.1	839,394.7	1,398.83	8.00	2.00	5	0	
									115+59.060	593	789,935.8	839,543.8	1,398.48	8.00	2.00	5	0	
									113+48.339	594	789,802.9	839,693.3	1,398.35	8.00	2.00	5	0	
									111+42.255	595	789,669.7	839,842.4	1,398.48	8.00	2.00	5	0	
									109+42.713	596	789,536.2	839,991.4	1,398.04	8.00	2.00	5	0	
									107+43.118	597	789,403.3	840,140.8	1,397.49	8.00	2.00	5	0	
									105+43.575	598	789,269.8	840,289.7	1,397.56	8.00	2.00	5	0	
									103+43.998	599	789,136.7	840,439.0	1,397.98	8.00	2.00	5	0	
									101+44.422	600	789,003.5	840,588.2	1,397.24	8.00	2.00	5	0	
									99+44.854	601	788,870.3	840,737.4	1,397.18	8.00	2.00	5	0	
									97+45.293	602	788,737.0	840,886.5	1,396.22	8.00	2.00	5	0	
									95+45.731	603	788,603.7	841,035.6	1,395.50	8.00	2.00	5	0	
									93+46.154	604	788,470.6	841,184.9	1,395.28	8.00	2.00	5	0	
									91+46.159	605	788,346.4	841,341.6	1,394.91	8.00	2.00	5	0	
									89+46.260	606	788,228.3	841,503.0	1,394.25	8.00	2.00	5	0	
									87+46.352	607	788,110.0	841,664.3	1,393.76	8.00	2.00	5	0	
									85+49.197	608	787,991.9	841,825.7	1,394.59	8.00	2.00	5	0	
									83+58.907	609	787,874.0	841,987.3	1,394.81	8.00	2.00	5	0	
									81+69.552	610	787,755.9	842,148.7	1,394.71	8.00	2.00	5	0	
									79+81.504	611	787,637.6	842,310.0	1,394.10	8.00	2.00	5	0	
									77+95.188	612	787,519.4	842,471.3	1,394.47	8.00	2.00	5	0	
									76+10.981	613	787,401.3	842,632.7	1,394.37	8.00	2.00	5	0	
									74+29.364	614	787,283.7	842,794.5	1,395.52	8.00				
Barrier WB3A	W	0.00	99.99	0.00				0.00	134+99.999	615	791,116.2	838,053.7	1,403.50	6.00	0.00	0	0	
									134+01.058	616	791,037.2	838,111.5	1,404.70	6.00	0.00	0	0	
									131+97.350	617	790,874.9	838,230.9	1,407.40	6.00	0.00	0	0	
									129+93.512	618	790,716.0	838,355.0	1,411.30	6.00	0.00	0	0	
									127+96.690	619	790,565.0	838,477.9	1,415.30	6.00	0.00	0	0	
									125+98.784	620	790,412.5	838,601.0	1,419.30	6.00	0.00	0	0	
									124+04.477	621	790,271.9	838,732.3	1,422.50	6.00	0.00	0	0	
									122+04.238	622	790,132.7	838,873.4	1,424.20	6.00	0.00	0	0	Y
									120+05.690	623	789,998.4	839,016.7	1,424.30	6.00	0.00	0	0	Y
									118+07.014	624	789,864.0	839,159.9	1,422.80	6.00				
Median Barrier-2	W	0.00	99.99	0.00				0.00	point696	696	784,964.4	843,758.6	1,414.70	3.50	0.00	0	0	
									point646	646	785,135.7	843,654.0	1,415.70	3.50	0.00	0	0	
									point647	647	785,307.4	843,551.3	1,416.70	3.50	0.00	0	0	
									point648	648	785,479.0	843,448.6	1,417.70	3.50	0.00	0	0	
									point649	649	785,650.7	843,346.0	1,418.50	3.50	0.00	0	0	
									point650	650	785,822.3	843,243.3	1,418.10	3.50	0.00	0	0	Y
									point651	651	785,993.9	843,140.6	1,416.10	3.50	0.00	0	0	Y
									point652	652	786,165.6	843,038.0	1,412.40	3.50	0.00	0	0	Y

									point653	653	786,336.2	842,934.8	1,407.20	3.50	0.00	0	0			
									point654	654	786,503.2	842,826.6	1,401.70	3.50	0.00	0	0			
									point655	655	786,666.2	842,712.7	1,396.90	3.50	0.00	0	0			
									point656	656	786,825.2	842,593.2	1,393.60	3.50	0.00	0	0			
									point657	657	786,979.9	842,468.2	1,392.00	3.50	0.00	0	0			
									point658	658	787,130.2	842,337.8	1,392.00	3.50	0.00	0	0			
									point659	659	787,275.8	842,202.3	1,393.00	3.50	0.00	0	0			
									point660	660	787,416.6	842,061.8	1,394.10	3.50	0.00	0	0			
									point661	661	787,552.4	841,916.5	1,395.10	3.50	0.00	0	0			
									point662	662	787,683.1	841,766.5	1,396.10	3.50	0.00	0	0			
									point663	663	787,808.4	841,612.1	1,397.10	3.50	0.00	0	0			
									point664	664	787,931.5	841,454.5	1,398.10	3.50	0.00	0	0			
									point665	665	788,054.7	841,296.9	1,399.20	3.50	0.00	0	0			
									point666	666	788,177.8	841,139.3	1,399.90	3.50	0.00	0	0			
									point667	667	788,300.9	840,981.7	1,400.20	3.50	0.00	0	0			
									point668	668	788,424.0	840,824.1	1,399.90	3.50	0.00	0	0			
									point669	669	788,547.2	840,666.5	1,399.20	3.50	0.00	0	0			
									point670	670	788,670.3	840,508.9	1,398.20	3.50	0.00	0	0			
									point671	671	788,793.4	840,351.3	1,397.20	3.50	0.00	0	0			
									point672	672	788,916.6	840,193.7	1,396.60	3.50	0.00	0	0			
									point673	673	789,039.7	840,036.1	1,397.60	3.50	0.00	0	0			
									point674	674	789,162.8	839,878.5	1,400.20	3.50	0.00	0	0			
									point675	675	789,286.0	839,720.9	1,404.40	3.50	0.00	0	0			
									point676	676	789,409.1	839,563.3	1,409.70	3.50	0.00	0	0			
									point677	677	789,534.3	839,406.4	1,415.10	3.50	0.00	0	0			
									point678	678	789,663.7	839,252.8	1,419.70	3.50	0.00	0	0			
									point679	679	789,797.0	839,102.7	1,422.80	3.50	0.00	0	0	Y		
									point680	680	789,934.2	838,956.0	1,424.30	3.50						
Median Barrier1	W	0.00	99.99	0.00				0.00	point698	698	789,934.0	838,955.8	1,424.30	0.00	0.00	0	0	Y		
									point699	699	790,075.0	838,812.8	1,424.20	0.00	0.00	0	0	Y		
									point700	700	790,219.8	838,673.6	1,422.50	0.00	0.00	0	0			
									point701	701	790,367.9	838,538.1	1,419.30	0.00	0.00	0	0			
									point702	702	790,519.8	838,406.6	1,415.30	0.00	0.00	0	0			
									point703	703	790,674.9	838,279.1	1,411.30	0.00	0.00	0	0			
									point704	704	790,833.3	838,155.9	1,407.40	0.00	0.00	0	0			
									point705	705	790,994.9	838,036.6	1,404.70	0.00	0.00	0	0			
									point706	706	791,159.6	837,921.8	1,403.10	0.00	0.00	0	0			
									point707	707	791,327.3	837,811.1	1,402.90	0.00	0.00	0	0			
									point708	708	791,497.8	837,705.1	1,403.70	0.00	0.00	0	0			
									point709	709	791,670.9	837,603.4	1,404.70	0.00	0.00	0	0			
									point710	710	791,846.8	837,506.4	1,405.70	0.00						

AZTEC						**1 May 2025**					
AZTEC						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**F0719 SR24, SR 202L to Ironwood Drive**										
RUN:	**SR24, 2050 Build**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
R94	439	1	782,715.9	847,470.1	1,375.00	5.00	0.00	66	15.0	7.0	
R95	440	1	783,159.3	846,705.0	1,375.00	5.00	0.00	66	15.0	7.0	
R96	441	1	783,442.9	846,015.6	1,376.00	5.00	0.00	66	15.0	7.0	
R97	442	1	783,823.9	845,572.2	1,378.00	5.00	0.00	66	15.0	7.0	
R98	443	1	784,810.4	845,243.1	1,381.00	5.00	0.00	66	15.0	7.0	
R99	444	1	784,809.0	844,772.9	1,381.00	5.00	0.00	66	15.0	7.0	
R100	445	1	785,787.6	844,758.9	1,388.00	5.00	0.00	66	15.0	7.0	Y
R101	447	1	781,643.3	846,617.1	1,370.00	5.00	0.00	66	15.0	7.0	
R102	448	1	782,746.1	845,146.0	1,373.00	5.00	0.00	66	15.0	7.0	
R103	449	1	783,614.6	843,953.7	1,378.00	5.00	0.00	66	15.0	7.0	
R104	450	1	784,134.1	842,457.3	1,383.00	5.00	0.00	66	15.0	7.0	
R105	451	1	785,443.8	842,622.4	1,383.00	5.00	0.00	66	15.0	7.0	
R106	452	1	786,318.2	843,717.9	1,390.73	5.00	0.00	66	15.0	7.0	
R107	453	1	786,589.8	843,677.7	1,393.17	5.00	0.00	66	15.0	7.0	
R108	454	2	786,807.1	843,485.6	1,396.54	5.00	0.00	66	15.0	7.0	
R109	455	2	786,902.9	843,354.2	1,397.08	5.00	0.00	66	15.0	7.0	
R110	456	2	786,998.2	843,225.9	1,397.52	5.00	0.00	66	15.0	7.0	
R111	457	2	787,092.5	843,094.2	1,396.29	5.00	0.00	66	15.0	7.0	
R112	458	2	787,175.9	842,981.5	1,396.17	5.00	0.00	66	15.0	7.0	
R113	459	3	787,753.4	842,275.4	1,395.67	5.00	0.00	66	15.0	7.0	
R114	460	2	787,837.4	842,189.6	1,394.80	5.00	0.00	66	15.0	7.0	
R115	461	2	787,947.6	842,101.1	1,393.70	5.00	0.00	66	15.0	7.0	

R116	462	2	787,989.8	842,030.1	1,394.00	5.00	0.00	66	15.0	7.0	
R117	463	4	788,027.5	841,863.6	1,396.37	5.00	0.00	66	15.0	7.0	
R118	464	2	788,156.7	841,824.9	1,392.70	5.00	0.00	66	15.0	7.0	
R119	465	2	788,200.0	841,730.2	1,396.40	5.00	0.00	66	15.0	7.0	
R120	466	1	788,198.7	841,643.4	1,396.52	5.00	0.00	66	15.0	7.0	
R121	467	2	788,291.6	841,489.6	1,396.56	5.00	0.00	66	15.0	7.0	
R122	468	2	788,377.4	841,491.8	1,399.18	5.00	0.00	66	15.0	7.0	
R123	469	2	788,431.5	841,356.2	1,399.18	5.00	0.00	66	15.0	7.0	
R124	470	3	788,510.4	841,361.2	1,399.18	5.00	0.00	66	15.0	7.0	
R125	471	2	788,539.6	841,199.1	1,399.18	5.00	0.00	66	15.0	7.0	
R126	472	2	788,624.9	841,197.5	1,399.18	5.00	0.00	66	15.0	7.0	
R127	473	1	788,579.4	841,133.4	1,399.74	5.00	0.00	66	15.0	7.0	
R128	474	4	788,719.9	841,069.0	1,399.03	5.00	0.00	66	15.0	7.0	
R129	475	4	788,845.5	841,067.3	1,399.03	5.00	0.00	66	15.0	7.0	
R130	476	2	788,805.8	840,912.2	1,400.40	5.00	0.00	66	15.0	7.0	
R131	477	2	788,891.5	840,911.8	1,400.40	5.00	0.00	66	15.0	7.0	
R132	478	2	788,891.4	840,769.2	1,398.83	5.00	0.00	66	15.0	7.0	
R133	479	4	789,013.0	840,780.4	1,399.33	5.00	0.00	66	15.0	7.0	
R134	480	2	789,030.9	840,623.9	1,399.62	5.00	0.00	66	15.0	7.0	
R135	481	2	789,159.9	840,609.5	1,399.62	5.00	0.00	66	15.0	7.0	
R136	482	2	789,159.2	840,486.8	1,400.47	5.00	0.00	66	15.0	7.0	
R137	483	4	789,245.3	840,498.4	1,400.47	5.00	0.00	66	15.0	7.0	
R138	484	2	789,295.1	840,335.2	1,400.10	5.00	0.00	66	15.0	7.0	
R139	485	2	789,416.1	840,331.6	1,400.43	5.00	0.00	66	15.0	7.0	
R140	486	2	789,375.6	840,236.2	1,400.35	5.00	0.00	66	15.0	7.0	
R141	487	2	789,532.1	840,044.6	1,400.64	5.00	0.00	66	15.0	7.0	
R142	488	4	789,713.1	839,926.6	1,399.37	5.00	0.00	66	15.0	7.0	
R143	489	2	789,796.0	839,756.4	1,400.87	5.00	0.00	66	15.0	7.0	
R144	490	2	789,902.6	839,758.1	1,401.74	5.00	0.00	66	15.0	7.0	
R145	491	1	789,971.2	839,689.4	1,401.74	5.00	0.00	66	15.0	7.0	
R146	492	2	789,970.3	839,580.4	1,401.71	5.00	0.00	66	15.0	7.0	
R147	493	2	790,122.2	839,487.6	1,400.40	5.00	0.00	66	15.0	7.0	
R148	494	2	790,181.8	839,328.9	1,401.30	5.00	0.00	66	15.0	7.0	
R149	495	1	790,335.1	839,325.1	1,401.50	5.00	0.00	66	15.0	7.0	
R150	496	1	790,487.8	839,380.5	1,399.50	5.00	0.00	66	15.0	7.0	
R151	497	1	787,324.0	841,480.8	1,391.00	5.00	0.00	66	15.0	7.0	

R152	498	1	788,076.6	840,538.3	1,393.00	5.00	0.00	66	15.0	7.0	
R153	578	1	788,895.1	839,293.2	1,395.00	5.00	0.00	66	15.0	7.0	
Mon3	580	1	788,267.8	841,453.9	1,394.74	5.00	0.00	66	15.0	7.0	

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Williams Field EB OnRamp	24.0	0+00.000	1796	789,794.1	838,808.1	1,399.10	Onramp	15.00	100	Average	
		2+00.000	1797	789,902.3	838,695.3	1,398.10				Average	
		4+00.000	1798	790,041.3	838,551.6	1,396.80				Average	
		6+00.000	1799	790,186.3	838,413.8	1,397.30				Average	
		8+00.000	1800	790,340.5	838,286.5	1,398.50				Average	
		10+00.000	1801	790,503.2	838,170.3	1,399.70				Average	
		12+00.000	1802	790,673.6	838,065.7	1,400.90				Average	
		14+00.000	1803	790,849.1	837,969.8	1,402.00				Average	
		16+00.000	1804	791,024.8	837,874.3	1,403.10				Average	
		18+00.000	1805	791,200.5	837,778.8	1,403.90				Average	
		20+00.000	1806	791,376.2	837,683.2	1,405.10				Average	
		22+00.000	1807	791,552.0	837,587.7	1,405.60				Average	
		24+00.000	1808	791,802.9	837,458.0	1,405.70					
Williams Field EB OffRamp	24.0	0+00.000	1809	788,498.8	840,624.8	1,399.10				Average	
		2+00.000	1810	788,569.1	840,528.1	1,397.60				Average	
		4+00.000	1811	788,679.1	840,364.4	1,396.60				Average	
		6+00.000	1812	788,792.9	840,199.9	1,395.40				Average	
		8+00.000	1813	788,902.8	840,032.8	1,395.30				Average	
		10+00.000	1814	789,008.8	839,863.2	1,396.30				Average	
		12+00.000	1815	789,111.2	839,691.4	1,398.00				Average	
		14+00.000	1816	789,213.0	839,519.3	1,398.80				Average	
		16+00.000	1817	789,319.3	839,350.0	1,397.40				Average	
		18+00.000	1818	789,442.0	839,192.2	1,395.90				Average	
		20+00.000	1819	789,578.9	839,046.4	1,396.80				Average	
		22+00.000	1820	789,737.4	838,875.6	1,398.80					

Williams Field WB OffRamp	24.0	26+00.000	1834	792,222.4	837,392.5	1,407.70				Average	
		24+00.000	1833	791,972.5	837,529.3	1,405.60				Average	
		22+00.000	1832	791,797.5	837,626.2	1,404.50				Average	
		20+00.000	1831	791,626.1	837,729.2	1,403.30				Average	
		18+00.000	1830	791,458.3	837,838.0	1,402.20				Average	
		16+00.000	1829	791,294.5	837,952.7	1,401.20				Average	
		14+00.000	1828	791,134.7	838,073.0	1,401.90				Average	
		12+00.000	1827	790,979.2	838,198.8	1,404.00				Average	
		10+00.000	1826	790,828.3	838,330.0	1,405.80				Average	
		8+00.000	1825	790,682.0	838,466.3	1,404.70				Average	
		6+00.000	1824	790,540.5	838,607.7	1,402.10				Average	
		4+00.000	1823	790,401.5	838,751.5	1,399.40				Average	
		2+00.000	1822	790,262.5	838,895.3	1,398.70				Average	
		0+00.000	1821	790,156.4	839,006.2	1,400.30					
Williams Field WB OnRamp	24.0	20+00.000	1845	790,096.1	839,079.2	1,400.00	Onramp	15.00	100	Average	
		18+00.000	1844	789,930.0	839,255.9	1,397.80				Average	
		16+00.000	1843	789,790.9	839,399.7	1,398.60				Average	
		14+00.000	1842	789,651.9	839,543.5	1,400.00				Average	
		12+00.000	1841	789,512.9	839,687.2	1,401.10				Average	
		10+00.000	1840	789,373.9	839,831.0	1,400.30				Average	
		8+00.000	1839	789,234.9	839,974.8	1,397.70				Average	
		6+00.000	1838	789,097.6	840,120.2	1,396.10				Average	
		4+00.000	1837	788,964.2	840,269.2	1,395.80				Average	
		2+00.000	1836	788,834.8	840,421.7	1,396.70				Average	
		0+00.000	1835	788,720.9	840,549.4	1,398.00					
Signal Butte EB OnRamp	24.0	0+00.000	1868	796,755.2	836,390.7	1,424.90	Onramp	15.00	100	Average	
		2+00.000	1869	796,918.4	836,406.0	1,423.70				Average	
		4+00.000	1870	797,117.7	836,422.8	1,424.70				Average	
		6+00.000	1871	797,317.0	836,439.5	1,426.90				Average	
		8+00.000	1872	797,516.3	836,456.3	1,429.10				Average	
		10+00.000	1873	797,715.6	836,473.0	1,431.40				Average	
		12+00.000	1874	797,914.9	836,489.7	1,434.30				Average	
		14+00.000	1875	798,114.5	836,502.6	1,438.50				Average	
		16+00.000	1876	798,312.3	836,513.3	1,442.20				Average	
		18+00.000	1877	798,482.8	836,522.6	1,448.90					
Signal Butte WB OffRamp	24.0	18+00.000	1887	798,488.8	836,648.2	1,448.90				Average	
		16+00.000	1886	798,309.2	836,662.8	1,442.60				Average	
		14+00.000	1885	798,109.5	836,677.1	1,438.30				Average	
		12+00.000	1884	797,910.1	836,692.9	1,434.60				Average	

		10+00.000	1883	797,711.1	836,712.6	1,432.00				Average	
		8+00.000	1882	797,512.1	836,732.7	1,429.70				Average	
		6+00.000	1881	797,313.1	836,752.9	1,427.40				Average	
		4+00.000	1880	797,114.2	836,773.0	1,425.10				Average	
		2+00.000	1879	796,915.2	836,793.1	1,424.00				Average	
		0+00.000	1878	796,755.0	836,807.9	1,425.30					
Signal Butte Rd SB_up	24.0	0+00.000	2730	796,683.8	837,238.0	1,425.80				Average	
		3+68.136	2731	796,679.5	836,809.0	1,425.30					
Williams Field Rd EB_up	24.0	point2804	2804	789,431.7	838,623.3	1,397.10				Average	
		18+56.254	2744	789,789.4	838,812.8	1,400.30					
Signal Butte Rd NB_up	24.0	point2806	2806	796,746.4	835,901.4	1,423.40				Average	
		18+16.986	2735	796,753.5	836,389.4	1,424.90					
Signal Butte WB OnRamp	24.0	point2847	2847	796,677.7	836,809.9	1,425.30	Onramp	15.00	100	Average	
		point2846	2846	796,574.3	836,804.0	1,424.40				Average	
		18+00.000	1855	796,374.8	836,790.9	1,422.40				Average	
		16+00.000	1854	796,175.2	836,777.9	1,420.40				Average	
		14+00.000	1853	795,975.6	836,764.8	1,418.90				Average	
		12+00.000	1852	795,776.0	836,751.7	1,418.90				Average	
		10+00.000	1851	795,576.5	836,738.7	1,420.20				Average	
		8+00.000	1850	795,376.9	836,725.6	1,421.20				Average	
		6+00.000	1849	795,177.3	836,713.5	1,421.50				Average	
		4+00.000	1848	794,977.3	836,710.2	1,421.10				Average	
		2+00.000	1847	794,777.5	836,717.4	1,420.30				Average	
		0+00.000	1846	794,499.3	836,730.9	1,419.50					
Signal Butte EB OffRamp	24.0	0+00.000	1857	794,481.5	836,610.9	1,419.50				Average	
		2+00.000	1858	794,744.2	836,568.5	1,421.60				Average	
		4+00.000	1859	794,942.8	836,545.3	1,423.30				Average	
		6+00.000	1860	795,141.5	836,522.1	1,424.40				Average	
		8+00.000	1861	795,340.1	836,498.9	1,425.30				Average	
		10+00.000	1862	795,538.8	836,475.7	1,424.90				Average	
		12+00.000	1863	795,737.4	836,452.5	1,423.90				Average	
		14+00.000	1864	795,936.4	836,432.6	1,423.00				Average	
		16+00.000	1865	796,135.9	836,418.0	1,422.10				Average	
		18+00.000	1866	796,335.6	836,407.8	1,422.30				Average	
		point2848	2848	796,535.4	836,398.1	1,423.80				Average	
		point2849	2849	796,680.7	836,388.8	1,424.90					
SR24_EB_Out_4	36.0	point2931	2931	788,503.0	840,634.2	1,399.20				Average	
		100+00.00	2407	788,626.1	840,476.6	1,398.20				Average	
		102+00.00	2408	788,749.2	840,319.0	1,397.20				Average	

		104+00.00	2409	788,872.4	840,161.4	1,396.60				Average	
		106+00.00	2410	788,995.5	840,003.8	1,397.60				Average	
		108+00.00	2411	789,118.6	839,846.2	1,400.20				Average	
		110+00.00	2412	789,241.8	839,688.6	1,404.40				Average	
		112+00.00	2413	789,364.9	839,531.0	1,409.70				Average	
		114+00.00	2414	789,490.5	839,373.7	1,415.10				Average	
		116+00.00	2415	789,620.2	839,219.6	1,419.70				Average	
		118+00.00	2416	789,754.0	839,069.0	1,422.80				Average	Y
		120+00.00	2417	789,891.6	838,921.9	1,424.30				Average	Y
		122+00.00	2418	790,033.0	838,778.5	1,424.20				Average	Y
		124+00.00	2419	790,178.1	838,638.8	1,422.50				Average	
		126+00.00	2420	790,326.9	838,502.9	1,419.30				Average	
		128+00.00	2421	790,479.1	838,371.0	1,415.30				Average	
		130+00.00	2422	790,634.8	838,243.2	1,411.30				Average	
		132+00.00	2423	790,793.7	838,119.4	1,407.40				Average	
		134+00.00	2424	790,955.8	837,999.9	1,404.70				Average	
		136+00.00	2425	791,121.0	837,884.6	1,403.10				Average	
		138+00.00	2426	791,289.2	837,773.7	1,402.90				Average	
		140+00.00	2427	791,460.2	837,667.3	1,403.70				Average	
		142+00.00	2428	791,633.9	837,565.3	1,404.70				Average	
		144+00.00	2429	791,810.3	837,468.0	1,405.70					
SR24_EB_ln_4	36.0	point2932	2932	788,521.9	840,649.0	1,399.20				Average	
		100+00.00	2019	788,645.0	840,491.4	1,398.20				Average	
		102+00.00	2020	788,768.1	840,333.8	1,397.20				Average	
		104+00.00	2021	788,891.3	840,176.2	1,396.60				Average	
		106+00.00	2022	789,014.4	840,018.6	1,397.60				Average	
		108+00.00	2023	789,137.5	839,861.0	1,400.20				Average	
		110+00.00	2024	789,260.7	839,703.4	1,404.40				Average	
		112+00.00	2025	789,383.8	839,545.8	1,409.70				Average	
		114+00.00	2026	789,509.0	839,388.9	1,415.10				Average	
		116+00.00	2027	789,638.4	839,235.3	1,419.70				Average	
		118+00.00	2028	789,771.7	839,085.2	1,422.80				Average	Y
		120+00.00	2029	789,908.9	838,938.5	1,424.30				Average	Y
		122+00.00	2030	790,047.8	838,798.6	1,424.20				Average	Y
		124+00.00	2031	790,192.6	838,659.4	1,422.50				Average	
		126+00.00	2032	790,342.8	838,520.9	1,419.30				Average	
		128+00.00	2033	790,494.6	838,389.4	1,415.30				Average	
		130+00.00	2034	790,649.8	838,261.9	1,411.30				Average	
		132+00.00	2035	790,808.2	838,138.6	1,407.40				Average	

		134+00.00	2036	790,969.8	838,019.4	1,404.70				Average	
		136+00.00	2037	791,134.5	837,904.5	1,403.10				Average	
		138+00.00	2038	791,302.2	837,793.9	1,402.90				Average	
		140+00.00	2039	791,472.6	837,687.8	1,403.70				Average	
		142+00.00	2040	791,645.8	837,586.2	1,404.70				Average	
		144+00.00	2041	791,821.6	837,489.1	1,405.70					
SR24_EB_Out_5	36.0	point2935	2935	791,810.3	837,468.0	1,405.70				Average	
		146+00.00	2430	791,989.1	837,375.3	1,406.70				Average	
		148+00.00	2431	792,170.3	837,287.3	1,407.70				Average	
		150+00.00	2432	792,353.8	837,204.0	1,408.60				Average	
		152+00.00	2433	792,539.3	837,125.6	1,409.60				Average	
		154+00.00	2434	792,726.8	837,052.1	1,410.60				Average	
		156+00.00	2435	792,916.3	836,983.6	1,411.60				Average	
		158+00.00	2436	793,107.4	836,920.0	1,412.60				Average	
		160+00.00	2437	793,300.1	836,861.4	1,413.60				Average	
		162+00.00	2438	793,494.3	836,807.9	1,414.50				Average	
		164+00.00	2439	793,689.8	836,759.5	1,415.50				Average	
		166+00.00	2440	793,886.6	836,716.2	1,416.50				Average	
		168+00.00	2441	794,084.4	836,678.1	1,417.50				Average	
		170+00.00	2442	794,283.1	836,645.2	1,418.50				Average	
		172+00.00	2443	794,482.6	836,617.5	1,419.50					
SR24_EB_In_5	36.0	point2936	2936	791,821.6	837,489.1	1,405.70				Average	
		146+00.00	2042	791,999.9	837,396.7	1,406.70				Average	
		148+00.00	2043	792,180.5	837,309.0	1,407.70				Average	
		150+00.00	2044	792,363.4	837,226.0	1,408.60				Average	
		152+00.00	2045	792,548.4	837,147.9	1,409.60				Average	
		154+00.00	2046	792,735.3	837,074.6	1,410.60				Average	
		156+00.00	2047	792,924.1	837,006.2	1,411.60				Average	
		158+00.00	2048	793,114.7	836,942.8	1,412.60				Average	
		160+00.00	2049	793,306.8	836,884.4	1,413.60				Average	
		162+00.00	2050	793,500.4	836,831.1	1,414.50				Average	
		164+00.00	2051	793,695.3	836,782.9	1,415.50				Average	
		166+00.00	2052	793,891.4	836,739.7	1,416.50				Average	
		168+00.00	2053	794,088.6	836,701.7	1,417.50				Average	
		170+00.00	2054	794,286.7	836,668.9	1,418.50				Average	
		172+00.00	2055	794,485.6	836,641.3	1,419.50					
SR24_WB_Out_7	36.0	point2937	2937	792,217.1	837,386.8	1,407.70				Average	
		146+00.00	2595	792,038.5	837,473.6	1,406.70				Average	
		144+00.00	2594	791,862.2	837,565.0	1,405.70				Average	

		142+00.00	2593	791,688.4	837,660.9	1,404.70				Average	
		140+00.00	2592	791,517.1	837,761.4	1,403.70				Average	
		138+00.00	2591	791,348.6	837,866.3	1,402.90				Average	
		136+00.00	2590	791,182.8	837,975.7	1,403.10				Average	
		134+00.00	2589	791,020.0	838,089.3	1,404.70				Average	
		132+00.00	2588	790,860.2	838,207.1	1,407.40				Average	
		130+00.00	2587	790,703.5	838,329.1	1,411.30				Average	
		128+00.00	2586	790,550.1	838,455.1	1,415.30				Average	
		126+00.00	2585	790,400.0	838,585.1	1,419.30				Average	
		124+00.00	2584	790,253.4	838,719.0	1,422.50				Average	
		122+00.00	2583	790,110.3	838,856.7	1,424.20				Average	Y
		120+00.00	2582	789,970.9	838,998.1	1,424.30				Average	Y
		118+00.00	2581	789,835.3	839,143.1	1,422.80				Average	Y
		116+00.00	2580	789,703.4	839,291.6	1,419.70				Average	
		114+00.00	2579	789,575.6	839,443.5	1,415.10				Average	
		112+00.00	2578	789,451.6	839,598.7	1,409.70				Average	
		110+00.00	2577	789,328.4	839,756.3	1,404.40				Average	
		108+00.00	2576	789,205.3	839,913.9	1,400.20				Average	
		106+00.00	2575	789,082.2	840,071.5	1,397.60				Average	
		104+00.00	2574	788,959.0	840,229.1	1,396.60				Average	
		102+00.00	2573	788,835.9	840,386.7	1,397.20				Average	
		100+00.00	2572	788,712.8	840,544.3	1,398.20					
SR24_WB_ln_7	36.0	point2938	2938	792,206.9	837,365.1	1,407.70				Average	
		146+00.00	2207	792,027.7	837,452.1	1,406.70				Average	
		144+00.00	2206	791,850.9	837,543.8	1,405.70				Average	
		142+00.00	2205	791,676.5	837,640.1	1,404.70				Average	
		140+00.00	2204	791,504.7	837,740.9	1,403.70				Average	
		138+00.00	2203	791,335.6	837,846.1	1,402.90				Average	
		136+00.00	2202	791,169.3	837,955.8	1,403.10				Average	
		134+00.00	2201	791,006.0	838,069.8	1,404.70				Average	
		132+00.00	2200	790,845.7	838,188.0	1,407.40				Average	
		130+00.00	2199	790,688.5	838,310.3	1,411.30				Average	
		128+00.00	2198	790,534.6	838,436.8	1,415.30				Average	
		126+00.00	2197	790,384.0	838,567.2	1,419.30				Average	
		124+00.00	2196	790,237.0	838,701.5	1,422.50				Average	
		122+00.00	2195	790,093.5	838,839.6	1,424.20				Average	Y
		120+00.00	2194	789,953.6	838,981.5	1,424.30				Average	Y
		118+00.00	2193	789,817.5	839,126.9	1,422.80				Average	Y
		116+00.00	2192	789,685.3	839,275.9	1,419.70				Average	

		114+00.00	2191	789,557.0	839,428.2	1,415.10				Average	
		112+00.00	2190	789,432.7	839,584.0	1,409.70				Average	
		110+00.00	2189	789,309.5	839,741.6	1,404.40				Average	
		108+00.00	2188	789,186.4	839,899.2	1,400.20				Average	
		106+00.00	2187	789,063.3	840,056.8	1,397.60				Average	
		104+00.00	2186	788,940.1	840,214.4	1,396.60				Average	
		102+00.00	2185	788,817.0	840,372.0	1,397.20				Average	
		100+00.00	2184	788,693.9	840,529.6	1,398.20					
SR24_EB_Out_6	36.0	point2939	2939	794,482.6	836,617.5	1,419.50				Average	
		174+00.00	2444	794,682.8	836,595.0	1,420.50				Average	
		176+00.00	2445	794,883.5	836,577.8	1,421.40				Average	
		178+00.00	2446	795,084.6	836,565.9	1,422.40				Average	
		180+00.00	2447	795,285.9	836,559.2	1,424.00				Average	
		182+00.00	2448	795,486.5	836,556.9	1,426.80				Average	
		184+00.00	2449	795,686.5	836,555.2	1,430.70				Average	
		186+00.00	2450	795,886.5	836,553.5	1,435.80				Average	
		188+00.00	2451	796,086.5	836,551.7	1,441.40				Average	
		190+00.00	2452	796,286.5	836,550.0	1,445.80				Average	
		192+00.00	2453	796,486.5	836,548.3	1,448.60				Average	Y
		194+00.00	2454	796,686.5	836,546.5	1,449.80				Average	Y
		196+00.00	2455	796,886.5	836,544.8	1,449.50				Average	Y
		198+00.00	2456	797,086.5	836,543.1	1,447.60				Average	
		200+00.00	2457	797,286.4	836,541.3	1,444.20				Average	
		202+00.00	2458	797,486.4	836,539.6	1,439.80				Average	
		204+00.00	2459	797,686.4	836,537.9	1,437.20				Average	
		206+00.00	2460	797,886.4	836,536.1	1,436.90				Average	
		208+00.00	2461	798,086.4	836,534.4	1,438.90				Average	
		210+00.00	2462	798,286.4	836,532.7	1,443.10				Average	
		212+00.00	2463	798,486.4	836,530.9	1,448.90					
SR24_EB_In_6	36.0	point2940	2940	794,485.6	836,641.3	1,419.50				Average	
		174+00.00	2056	794,685.2	836,618.9	1,420.50				Average	
		176+00.00	2057	794,885.2	836,601.8	1,421.40				Average	
		178+00.00	2058	795,085.7	836,589.8	1,422.40				Average	
		180+00.00	2059	795,286.4	836,583.2	1,424.00				Average	
		182+00.00	2060	795,486.7	836,580.9	1,426.80				Average	
		184+00.00	2061	795,686.7	836,579.2	1,430.70				Average	
		186+00.00	2062	795,886.7	836,577.5	1,435.80				Average	
		188+00.00	2063	796,086.7	836,575.7	1,441.40				Average	
		190+00.00	2064	796,286.7	836,574.0	1,445.80				Average	

		192+00.00	2065	796,486.7	836,572.3	1,448.60				Average	Y
		194+00.00	2066	796,686.7	836,570.5	1,449.80				Average	Y
		196+00.00	2067	796,886.7	836,568.8	1,449.50				Average	Y
		198+00.00	2068	797,086.7	836,567.1	1,447.60				Average	
		200+00.00	2069	797,286.7	836,565.3	1,444.20				Average	
		202+00.00	2070	797,486.6	836,563.6	1,439.80				Average	
		204+00.00	2071	797,686.6	836,561.9	1,437.20				Average	
		206+00.00	2072	797,886.6	836,560.1	1,436.90				Average	
		208+00.00	2073	798,086.6	836,558.4	1,438.90				Average	
		210+00.00	2074	798,286.6	836,556.7	1,443.10				Average	
		212+00.00	2075	798,486.6	836,554.9	1,448.90					
SR24_WB_Out_6	36.0	point2941	2941	794,496.3	836,726.7	1,419.50				Average	
		170+00.00	2607	794,299.7	836,754.0	1,418.50				Average	
		168+00.00	2606	794,103.8	836,786.4	1,417.50				Average	
		166+00.00	2605	793,908.8	836,824.0	1,416.50				Average	
		164+00.00	2604	793,714.9	836,866.6	1,415.50				Average	
		162+00.00	2603	793,522.1	836,914.3	1,414.50				Average	
		160+00.00	2602	793,330.7	836,967.1	1,413.60				Average	
		158+00.00	2601	793,140.7	837,024.8	1,412.60				Average	
		156+00.00	2600	792,952.3	837,087.5	1,411.60				Average	
		154+00.00	2599	792,765.6	837,155.1	1,410.60				Average	
		152+00.00	2598	792,580.8	837,227.5	1,409.60				Average	
		150+00.00	2597	792,397.9	837,304.8	1,408.60				Average	
		148+00.00	2596	792,217.1	837,386.8	1,407.70					
SR24_WB_In_6	36.0	point2942	2942	794,493.3	836,702.8	1,419.50				Average	
		170+00.00	2219	794,296.0	836,730.2	1,418.50				Average	
		168+00.00	2218	794,099.5	836,762.8	1,417.50				Average	
		166+00.00	2217	793,903.9	836,800.4	1,416.50				Average	
		164+00.00	2216	793,709.4	836,843.2	1,415.50				Average	
		162+00.00	2215	793,516.1	836,891.1	1,414.50				Average	
		160+00.00	2214	793,324.0	836,944.0	1,413.60				Average	
		158+00.00	2213	793,133.5	837,001.9	1,412.60				Average	
		156+00.00	2212	792,944.5	837,064.8	1,411.60				Average	
		154+00.00	2211	792,757.2	837,132.6	1,410.60				Average	
		152+00.00	2210	792,571.7	837,205.3	1,409.60				Average	
		150+00.00	2209	792,388.3	837,282.8	1,408.60				Average	
		148+00.00	2208	792,206.9	837,365.1	1,407.70					
SR24_WB_Out_5	36.0	point2943	2943	798,487.4	836,640.9	1,448.90				Average	
		210+00.00	2627	798,287.4	836,642.7	1,443.10				Average	

		208+00.00	2626	798,087.4	836,644.4	1,438.90				Average	
		206+00.00	2625	797,887.4	836,646.1	1,436.90				Average	
		204+00.00	2624	797,687.4	836,647.9	1,437.20				Average	
		202+00.00	2623	797,487.4	836,649.6	1,439.80				Average	
		200+00.00	2622	797,287.4	836,651.3	1,444.20				Average	
		198+00.00	2621	797,087.4	836,653.1	1,447.60				Average	
		196+00.00	2620	796,887.4	836,654.8	1,449.50				Average	Y
		194+00.00	2619	796,687.4	836,656.5	1,449.80				Average	Y
		192+00.00	2618	796,487.4	836,658.3	1,448.60				Average	Y
		190+00.00	2617	796,287.4	836,660.0	1,445.80				Average	
		188+00.00	2616	796,087.4	836,661.7	1,441.40				Average	
		186+00.00	2615	795,887.5	836,663.5	1,435.80				Average	
		184+00.00	2614	795,687.5	836,665.2	1,430.70				Average	
		182+00.00	2613	795,487.5	836,666.9	1,426.80				Average	
		180+00.00	2612	795,288.1	836,669.2	1,424.00				Average	
		178+00.00	2611	795,089.7	836,675.7	1,422.40				Average	
		176+00.00	2610	794,891.5	836,687.5	1,421.40				Average	
		174+00.00	2609	794,693.6	836,704.5	1,420.50				Average	
		172+00.00	2608	794,496.3	836,726.7	1,419.50					
SR24_WB_ln_5	36.0	point2944	2944	798,487.1	836,616.9	1,448.90				Average	
		210+00.00	2239	798,287.2	836,618.7	1,443.10				Average	
		208+00.00	2238	798,087.2	836,620.4	1,438.90				Average	
		206+00.00	2237	797,887.2	836,622.1	1,436.90				Average	
		204+00.00	2236	797,687.2	836,623.9	1,437.20				Average	
		202+00.00	2235	797,487.2	836,625.6	1,439.80				Average	
		200+00.00	2234	797,287.2	836,627.3	1,444.20				Average	
		198+00.00	2233	797,087.2	836,629.1	1,447.60				Average	
		196+00.00	2232	796,887.2	836,630.8	1,449.50				Average	Y
		194+00.00	2231	796,687.2	836,632.5	1,449.80				Average	Y
		192+00.00	2230	796,487.2	836,634.3	1,448.60				Average	Y
		190+00.00	2229	796,287.2	836,636.0	1,445.80				Average	
		188+00.00	2228	796,087.2	836,637.7	1,441.40				Average	
		186+00.00	2227	795,887.2	836,639.5	1,435.80				Average	
		184+00.00	2226	795,687.3	836,641.2	1,430.70				Average	
		182+00.00	2225	795,487.3	836,642.9	1,426.80				Average	
		180+00.00	2224	795,287.6	836,645.2	1,424.00				Average	
		178+00.00	2223	795,088.6	836,651.8	1,422.40				Average	
		176+00.00	2222	794,889.7	836,663.6	1,421.40				Average	
		174+00.00	2221	794,691.3	836,680.6	1,420.50				Average	

		172+00.00	2220	794,493.3	836,702.8	1,419.50					
Signal Butte Rd NB	24.0	point3010	3010	796,753.5	836,389.4	1,424.90				Average	
		22+12.563	2736	796,750.4	836,813.4	1,425.30					
Signal Butte Rd NB_down	24.0	point3011	3011	796,750.4	836,813.4	1,425.30				Average	
		27+21.053	2737	796,737.8	837,235.0	1,425.70					
Signal Butte Rd SB	24.0	point3012	3012	796,679.5	836,809.0	1,425.30				Average	
		7+62.109	2732	796,684.5	836,390.6	1,424.90					
Signal Butte Rd SB_down	24.0	point3013	3013	796,684.5	836,390.6	1,424.90				Average	
		13+36.973	2733	796,696.3	835,901.3	1,423.40					
Williams Field Rd EB	24.0	point3014	3014	789,789.4	838,812.8	1,400.30				Average	
		22+66.871	2745	790,150.0	839,011.8	1,400.30					
Williams Field Rd EB_down	24.0	point3015	3015	790,150.0	839,011.8	1,400.30				Average	
		26+55.733	2746	790,430.6	839,172.2	1,400.50					
Williams Field Rd WB	24.0	point3016	3016	790,102.7	839,071.0	1,400.00				Average	
		9+98.802	2741	789,742.2	838,871.1	1,398.80					
Williams Field Rd WB_down	24.0	point3017	3017	789,742.2	838,871.1	1,398.80				Average	
		14+59.315	2742	789,404.4	838,672.8	1,396.70					
Williams Field Rd WB_up-2	24.0	point3043	3043	790,407.3	839,226.9	1,400.70				Average	
		5+80.920	2740	790,102.7	839,071.0	1,400.00					
Crismon SB-2	24.0	54+00.000	3077	791,508.1	838,474.7	1,411.30				Average	
		52+54.199	3072	791,507.1	838,328.9	1,416.30				Average	
		52+00.000	3071	791,506.8	838,274.7	1,418.20				Average	
		50+00.000	3070	791,505.4	838,074.7	1,425.20				Average	Y
		48+00.000	3069	791,504.1	837,874.7	1,429.70					
Crismon NB-2-2	24.0	40+00.000	3080	791,525.9	837,071.1	1,417.40				Average	
		42+00.000	3048	791,527.2	837,271.1	1,424.40				Average	
		42+46.851	3049	791,527.6	837,318.0	1,425.80				Average	Y
		44+00.000	3050	791,528.6	837,471.1	1,429.30				Average	Y
		46+00.000	3051	791,529.9	837,671.1	1,431.10				Average	Y
		point3082	3082	791,530.4	837,737.8	1,430.63				Average	Y
		point3083	3083	791,530.9	837,804.4	1,430.17					
Crismon NB-2-2-2-2	24.0	point3087	3087	791,531.4	837,871.1	1,429.70				Average	Y
		50+00.000	3053	791,532.8	838,071.1	1,425.20				Average	Y
		52+00.000	3054	791,534.1	838,271.1	1,418.20				Average	
		52+54.199	3055	791,534.4	838,325.3	1,416.30				Average	
		54+00.000	3056	791,535.4	838,471.1	1,411.30					
Crismon SB-2-2-2	24.0	point3089	3089	791,503.6	837,808.0	1,430.17				Average	Y
		point3085	3085	791,503.1	837,741.4	1,430.63				Average	Y
		46+00.000	3068	791,502.6	837,674.7	1,431.10				Average	Y

		44+00.000	3067	791,501.2	837,474.7	1,429.30				Average	Y
		42+46.851	3066	791,500.2	837,321.6	1,425.80				Average	Y
		42+00.000	3065	791,499.9	837,274.7	1,424.40				Average	
		40+00.000	3064	791,498.6	837,074.7	1,417.40					

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Roadway	Points		Segment									
Name	Name	No.	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Williams Field EB OnRamp	0+00.000	1796	338	50	14	50	4	50	0	0	0	0
	2+00.000	1797	338	50	14	50	4	50	0	0	0	0
	4+00.000	1798	338	50	14	50	4	50	0	0	0	0
	6+00.000	1799	338	50	14	50	4	50	0	0	0	0
	8+00.000	1800	338	50	14	50	4	50	0	0	0	0
	10+00.000	1801	338	50	14	50	4	50	0	0	0	0
	12+00.000	1802	338	50	14	50	4	50	0	0	0	0
	14+00.000	1803	338	50	14	50	4	50	0	0	0	0
	16+00.000	1804	338	50	14	50	4	50	0	0	0	0
	18+00.000	1805	338	50	14	50	4	50	0	0	0	0
	20+00.000	1806	338	50	14	50	4	50	0	0	0	0
	22+00.000	1807	338	50	14	50	4	50	0	0	0	0
	24+00.000	1808										
Williams Field EB OffRamp	0+00.000	1809	1008	50	96	50	12	50	0	0	0	0
	2+00.000	1810	1008	50	96	50	12	50	0	0	0	0
	4+00.000	1811	1008	50	96	50	12	50	0	0	0	0
	6+00.000	1812	1008	50	96	50	12	50	0	0	0	0
	8+00.000	1813	1008	50	96	50	12	50	0	0	0	0
	10+00.000	1814	1008	50	96	50	12	50	0	0	0	0
	12+00.000	1815	1008	50	96	50	12	50	0	0	0	0
	14+00.000	1816	1008	50	96	50	12	50	0	0	0	0
	16+00.000	1817	1008	50	96	50	12	50	0	0	0	0
	18+00.000	1818	1008	50	96	50	12	50	0	0	0	0

	20+00.000	1819	1008	50	96	50	12	50	0	0	0	0
	22+00.000	1820										
Williams Field WB OffRamp	26+00.000	1834	357	50	18	50	4	50	0	0	0	0
	24+00.000	1833	357	50	18	50	4	50	0	0	0	0
	22+00.000	1832	357	50	18	50	4	50	0	0	0	0
	20+00.000	1831	357	50	18	50	4	50	0	0	0	0
	18+00.000	1830	357	50	18	50	4	50	0	0	0	0
	16+00.000	1829	357	50	18	50	4	50	0	0	0	0
	14+00.000	1828	357	50	18	50	4	50	0	0	0	0
	12+00.000	1827	357	50	18	50	4	50	0	0	0	0
	10+00.000	1826	357	50	18	50	4	50	0	0	0	0
	8+00.000	1825	357	50	18	50	4	50	0	0	0	0
	6+00.000	1824	357	50	18	50	4	50	0	0	0	0
	4+00.000	1823	357	50	18	50	4	50	0	0	0	0
	2+00.000	1822	357	50	18	50	4	50	0	0	0	0
	0+00.000	1821										
Williams Field WB OnRamp	20+00.000	1845	1137	50	124	50	17	50	0	0	0	0
	18+00.000	1844	1137	50	124	50	17	50	0	0	0	0
	16+00.000	1843	1137	50	124	50	17	50	0	0	0	0
	14+00.000	1842	1137	50	124	50	17	50	0	0	0	0
	12+00.000	1841	1137	50	124	50	17	50	0	0	0	0
	10+00.000	1840	1137	50	124	50	17	50	0	0	0	0
	8+00.000	1839	1137	50	124	50	17	50	0	0	0	0
	6+00.000	1838	1137	50	124	50	17	50	0	0	0	0
	4+00.000	1837	1137	50	124	50	17	50	0	0	0	0
	2+00.000	1836	1137	50	124	50	17	50	0	0	0	0
	0+00.000	1835										
Signal Butte EB OnRamp	0+00.000	1868	318	50	9	50	2	50	0	0	0	0
	2+00.000	1869	318	50	9	50	2	50	0	0	0	0
	4+00.000	1870	318	50	9	50	2	50	0	0	0	0
	6+00.000	1871	318	50	9	50	2	50	0	0	0	0
	8+00.000	1872	318	50	9	50	2	50	0	0	0	0
	10+00.000	1873	318	50	9	50	2	50	0	0	0	0
	12+00.000	1874	318	50	9	50	2	50	0	0	0	0
	14+00.000	1875	318	50	9	50	2	50	0	0	0	0
	16+00.000	1876	318	50	9	50	2	50	0	0	0	0

	18+00.000	1877										
Signal Butte WB OffRamp	18+00.000	1887	486	50	15	50	5	50	0	0	0	0
	16+00.000	1886	486	50	15	50	5	50	0	0	0	0
	14+00.000	1885	486	50	15	50	5	50	0	0	0	0
	12+00.000	1884	486	50	15	50	5	50	0	0	0	0
	10+00.000	1883	486	50	15	50	5	50	0	0	0	0
	8+00.000	1882	486	50	15	50	5	50	0	0	0	0
	6+00.000	1881	486	50	15	50	5	50	0	0	0	0
	4+00.000	1880	486	50	15	50	5	50	0	0	0	0
	2+00.000	1879	486	50	15	50	5	50	0	0	0	0
	0+00.000	1878										
Signal Butte Rd SB_up	0+00.000	2730	1217	50	35	50	7	50	0	0	0	0
	3+68.136	2731										
Williams Field Rd EB_up	point2804	2804	637	50	42	50	5	50	0	0	0	0
	18+56.254	2744										
Signal Butte Rd NB_up	point2806	2806	1808	50	121	50	29	50	0	0	0	0
	18+16.986	2735										
Signal Butte WB OnRamp	point2847	2847	85	50	7	50	0	0	0	0	0	0
	point2846	2846	85	50	7	50	0	0	0	0	0	0
	18+00.000	1855	85	50	7	50	0	0	0	0	0	0
	16+00.000	1854	85	50	7	50	0	0	0	0	0	0
	14+00.000	1853	85	50	7	50	0	0	0	0	0	0
	12+00.000	1852	85	50	7	50	0	0	0	0	0	0
	10+00.000	1851	85	50	7	50	0	0	0	0	0	0
	8+00.000	1850	85	50	7	50	0	0	0	0	0	0
	6+00.000	1849	85	50	7	50	0	0	0	0	0	0
	4+00.000	1848	85	50	7	50	0	0	0	0	0	0
	2+00.000	1847	85	50	7	50	0	0	0	0	0	0
	0+00.000	1846										
Signal Butte EB OffRamp	0+00.000	1857	721	50	87	50	23	50	0	0	0	0
	2+00.000	1858	721	50	87	50	23	50	0	0	0	0
	4+00.000	1859	721	50	87	50	23	50	0	0	0	0
	6+00.000	1860	721	50	87	50	23	50	0	0	0	0
	8+00.000	1861	721	50	87	50	23	50	0	0	0	0
	10+00.000	1862	721	50	87	50	23	50	0	0	0	0
	12+00.000	1863	721	50	87	50	23	50	0	0	0	0

	14+00.000	1864	721	50	87	50	23	50	0	0	0	0
	16+00.000	1865	721	50	87	50	23	50	0	0	0	0
	18+00.000	1866	721	50	87	50	23	50	0	0	0	0
	point2848	2848	721	50	87	50	23	50	0	0	0	0
	point2849	2849										
SR24_EB_Out_4	point2931	2931	2375	70	434	70	92	70	0	0	0	0
	100+00.000	2407	2375	70	434	70	92	70	0	0	0	0
	102+00.000	2408	2375	70	434	70	92	70	0	0	0	0
	104+00.000	2409	2375	70	434	70	92	70	0	0	0	0
	106+00.000	2410	2375	70	434	70	92	70	0	0	0	0
	108+00.000	2411	2375	70	434	70	92	70	0	0	0	0
	110+00.000	2412	2375	70	434	70	92	70	0	0	0	0
	112+00.000	2413	2375	70	434	70	92	70	0	0	0	0
	114+00.000	2414	2375	70	434	70	92	70	0	0	0	0
	116+00.000	2415	2375	70	434	70	92	70	0	0	0	0
	118+00.000	2416	2375	70	434	70	92	70	0	0	0	0
	120+00.000	2417	2375	70	434	70	92	70	0	0	0	0
	122+00.000	2418	2375	70	434	70	92	70	0	0	0	0
	124+00.000	2419	2375	70	434	70	92	70	0	0	0	0
	126+00.000	2420	2375	70	434	70	92	70	0	0	0	0
	128+00.000	2421	2375	70	434	70	92	70	0	0	0	0
	130+00.000	2422	2375	70	434	70	92	70	0	0	0	0
	132+00.000	2423	2375	70	434	70	92	70	0	0	0	0
	134+00.000	2424	2375	70	434	70	92	70	0	0	0	0
	136+00.000	2425	2375	70	434	70	92	70	0	0	0	0
	138+00.000	2426	2375	70	434	70	92	70	0	0	0	0
	140+00.000	2427	2375	70	434	70	92	70	0	0	0	0
	142+00.000	2428	2375	70	434	70	92	70	0	0	0	0
	144+00.000	2429										
SR24_EB_In_4	point2932	2932	2375	70	434	70	92	70	0	0	0	0
	100+00.000	2019	2375	70	434	70	92	70	0	0	0	0
	102+00.000	2020	2375	70	434	70	92	70	0	0	0	0
	104+00.000	2021	2375	70	434	70	92	70	0	0	0	0
	106+00.000	2022	2375	70	434	70	92	70	0	0	0	0
	108+00.000	2023	2375	70	434	70	92	70	0	0	0	0
	110+00.000	2024	2375	70	434	70	92	70	0	0	0	0

	112+00.000	2025	2375	70	434	70	92	70	0	0	0	0
	114+00.000	2026	2375	70	434	70	92	70	0	0	0	0
	116+00.000	2027	2375	70	434	70	92	70	0	0	0	0
	118+00.000	2028	2375	70	434	70	92	70	0	0	0	0
	120+00.000	2029	2375	70	434	70	92	70	0	0	0	0
	122+00.000	2030	2375	70	434	70	92	70	0	0	0	0
	124+00.000	2031	2375	70	434	70	92	70	0	0	0	0
	126+00.000	2032	2375	70	434	70	92	70	0	0	0	0
	128+00.000	2033	2375	70	434	70	92	70	0	0	0	0
	130+00.000	2034	2375	70	434	70	92	70	0	0	0	0
	132+00.000	2035	2375	70	434	70	92	70	0	0	0	0
	134+00.000	2036	2375	70	434	70	92	70	0	0	0	0
	136+00.000	2037	2375	70	434	70	92	70	0	0	0	0
	138+00.000	2038	2375	70	434	70	92	70	0	0	0	0
	140+00.000	2039	2375	70	434	70	92	70	0	0	0	0
	142+00.000	2040	2375	70	434	70	92	70	0	0	0	0
	144+00.000	2041										
SR24_EB_Out_5	point2935	2935	2524	70	457	70	98	70	0	0	0	0
	146+00.000	2430	2524	70	457	70	98	70	0	0	0	0
	148+00.000	2431	2524	70	457	70	98	70	0	0	0	0
	150+00.000	2432	2524	70	457	70	98	70	0	0	0	0
	152+00.000	2433	2524	70	457	70	98	70	0	0	0	0
	154+00.000	2434	2524	70	457	70	98	70	0	0	0	0
	156+00.000	2435	2524	70	457	70	98	70	0	0	0	0
	158+00.000	2436	2524	70	457	70	98	70	0	0	0	0
	160+00.000	2437	2524	70	457	70	98	70	0	0	0	0
	162+00.000	2438	2524	70	457	70	98	70	0	0	0	0
	164+00.000	2439	2524	70	457	70	98	70	0	0	0	0
	166+00.000	2440	2524	70	457	70	98	70	0	0	0	0
	168+00.000	2441	2524	70	457	70	98	70	0	0	0	0
	170+00.000	2442	2524	70	457	70	98	70	0	0	0	0
	172+00.000	2443										
SR24_EB_In_5	point2936	2936	2524	70	457	70	98	70	0	0	0	0
	146+00.000	2042	2524	70	457	70	98	70	0	0	0	0
	148+00.000	2043	2524	70	457	70	98	70	0	0	0	0
	150+00.000	2044	2524	70	457	70	98	70	0	0	0	0

	152+00.000	2045	2524	70	457	70	98	70	0	0	0	0
	154+00.000	2046	2524	70	457	70	98	70	0	0	0	0
	156+00.000	2047	2524	70	457	70	98	70	0	0	0	0
	158+00.000	2048	2524	70	457	70	98	70	0	0	0	0
	160+00.000	2049	2524	70	457	70	98	70	0	0	0	0
	162+00.000	2050	2524	70	457	70	98	70	0	0	0	0
	164+00.000	2051	2524	70	457	70	98	70	0	0	0	0
	166+00.000	2052	2524	70	457	70	98	70	0	0	0	0
	168+00.000	2053	2524	70	457	70	98	70	0	0	0	0
	170+00.000	2054	2524	70	457	70	98	70	0	0	0	0
	172+00.000	2055										
SR24_WB_Out_7	point2937	2937	2395	70	357	70	50	70	0	0	0	0
	146+00.000	2595	2395	70	357	70	50	70	0	0	0	0
	144+00.000	2594	2395	70	357	70	50	70	0	0	0	0
	142+00.000	2593	2395	70	357	70	50	70	0	0	0	0
	140+00.000	2592	2395	70	357	70	50	70	0	0	0	0
	138+00.000	2591	2395	70	357	70	50	70	0	0	0	0
	136+00.000	2590	2395	70	357	70	50	70	0	0	0	0
	134+00.000	2589	2395	70	357	70	50	70	0	0	0	0
	132+00.000	2588	2395	70	357	70	50	70	0	0	0	0
	130+00.000	2587	2395	70	357	70	50	70	0	0	0	0
	128+00.000	2586	2395	70	357	70	50	70	0	0	0	0
	126+00.000	2585	2395	70	357	70	50	70	0	0	0	0
	124+00.000	2584	2395	70	357	70	50	70	0	0	0	0
	122+00.000	2583	2395	70	357	70	50	70	0	0	0	0
	120+00.000	2582	2395	70	357	70	50	70	0	0	0	0
	118+00.000	2581	2395	70	357	70	50	70	0	0	0	0
	116+00.000	2580	2395	70	357	70	50	70	0	0	0	0
	114+00.000	2579	2395	70	357	70	50	70	0	0	0	0
	112+00.000	2578	2395	70	357	70	50	70	0	0	0	0
	110+00.000	2577	2395	70	357	70	50	70	0	0	0	0
	108+00.000	2576	2395	70	357	70	50	70	0	0	0	0
	106+00.000	2575	2395	70	357	70	50	70	0	0	0	0
	104+00.000	2574	2395	70	357	70	50	70	0	0	0	0
	102+00.000	2573	2395	70	357	70	50	70	0	0	0	0
	100+00.000	2572										

SR24_WB_In_7	point2938	2938	2395	70	357	70	50	70	0	0	0	0
	146+00.000	2207	2395	70	357	70	50	70	0	0	0	0
	144+00.000	2206	2395	70	357	70	50	70	0	0	0	0
	142+00.000	2205	2395	70	357	70	50	70	0	0	0	0
	140+00.000	2204	2395	70	357	70	50	70	0	0	0	0
	138+00.000	2203	2395	70	357	70	50	70	0	0	0	0
	136+00.000	2202	2395	70	357	70	50	70	0	0	0	0
	134+00.000	2201	2395	70	357	70	50	70	0	0	0	0
	132+00.000	2200	2395	70	357	70	50	70	0	0	0	0
	130+00.000	2199	2395	70	357	70	50	70	0	0	0	0
	128+00.000	2198	2395	70	357	70	50	70	0	0	0	0
	126+00.000	2197	2395	70	357	70	50	70	0	0	0	0
	124+00.000	2196	2395	70	357	70	50	70	0	0	0	0
	122+00.000	2195	2395	70	357	70	50	70	0	0	0	0
	120+00.000	2194	2395	70	357	70	50	70	0	0	0	0
	118+00.000	2193	2395	70	357	70	50	70	0	0	0	0
	116+00.000	2192	2395	70	357	70	50	70	0	0	0	0
	114+00.000	2191	2395	70	357	70	50	70	0	0	0	0
	112+00.000	2190	2395	70	357	70	50	70	0	0	0	0
	110+00.000	2189	2395	70	357	70	50	70	0	0	0	0
	108+00.000	2188	2395	70	357	70	50	70	0	0	0	0
	106+00.000	2187	2395	70	357	70	50	70	0	0	0	0
	104+00.000	2186	2395	70	357	70	50	70	0	0	0	0
	102+00.000	2185	2395	70	357	70	50	70	0	0	0	0
	100+00.000	2184										
SR24_EB_Out_6	point2939	2939	2195	70	386	70	83	70	0	0	0	0
	174+00.000	2444	2195	70	386	70	83	70	0	0	0	0
	176+00.000	2445	2195	70	386	70	83	70	0	0	0	0
	178+00.000	2446	2195	70	386	70	83	70	0	0	0	0
	180+00.000	2447	2195	70	386	70	83	70	0	0	0	0
	182+00.000	2448	2195	70	386	70	83	70	0	0	0	0
	184+00.000	2449	2195	70	386	70	83	70	0	0	0	0
	186+00.000	2450	2195	70	386	70	83	70	0	0	0	0
	188+00.000	2451	2195	70	386	70	83	70	0	0	0	0
	190+00.000	2452	2195	70	386	70	83	70	0	0	0	0
	192+00.000	2453	2195	70	386	70	83	70	0	0	0	0

	194+00.000	2454	2195	70	386	70	83	70	0	0	0	0
	196+00.000	2455	2195	70	386	70	83	70	0	0	0	0
	198+00.000	2456	2195	70	386	70	83	70	0	0	0	0
	200+00.000	2457	2195	70	386	70	83	70	0	0	0	0
	202+00.000	2458	2195	70	386	70	83	70	0	0	0	0
	204+00.000	2459	2195	70	386	70	83	70	0	0	0	0
	206+00.000	2460	2195	70	386	70	83	70	0	0	0	0
	208+00.000	2461	2195	70	386	70	83	70	0	0	0	0
	210+00.000	2462	2195	70	386	70	83	70	0	0	0	0
	212+00.000	2463										
SR24_EB_In_6	point2940	2940	2195	70	386	70	83	70	0	0	0	0
	174+00.000	2056	2195	70	386	70	83	70	0	0	0	0
	176+00.000	2057	2195	70	386	70	83	70	0	0	0	0
	178+00.000	2058	2195	70	386	70	83	70	0	0	0	0
	180+00.000	2059	2195	70	386	70	83	70	0	0	0	0
	182+00.000	2060	2195	70	386	70	83	70	0	0	0	0
	184+00.000	2061	2195	70	386	70	83	70	0	0	0	0
	186+00.000	2062	2195	70	386	70	83	70	0	0	0	0
	188+00.000	2063	2195	70	386	70	83	70	0	0	0	0
	190+00.000	2064	2195	70	386	70	83	70	0	0	0	0
	192+00.000	2065	2195	70	386	70	83	70	0	0	0	0
	194+00.000	2066	2195	70	386	70	83	70	0	0	0	0
	196+00.000	2067	2195	70	386	70	83	70	0	0	0	0
	198+00.000	2068	2195	70	386	70	83	70	0	0	0	0
	200+00.000	2069	2195	70	386	70	83	70	0	0	0	0
	202+00.000	2070	2195	70	386	70	83	70	0	0	0	0
	204+00.000	2071	2195	70	386	70	83	70	0	0	0	0
	206+00.000	2072	2195	70	386	70	83	70	0	0	0	0
	208+00.000	2073	2195	70	386	70	83	70	0	0	0	0
	210+00.000	2074	2195	70	386	70	83	70	0	0	0	0
	212+00.000	2075										
SR24_WB_Out_6	point2941	2941	2577	70	362	70	52	70	0	0	0	0
	170+00.000	2607	2577	70	362	70	52	70	0	0	0	0
	168+00.000	2606	2577	70	362	70	52	70	0	0	0	0
	166+00.000	2605	2577	70	362	70	52	70	0	0	0	0
	164+00.000	2604	2577	70	362	70	52	70	0	0	0	0

	162+00.000	2603	2577	70	362	70	52	70	0	0	0	0
	160+00.000	2602	2577	70	362	70	52	70	0	0	0	0
	158+00.000	2601	2577	70	362	70	52	70	0	0	0	0
	156+00.000	2600	2577	70	362	70	52	70	0	0	0	0
	154+00.000	2599	2577	70	362	70	52	70	0	0	0	0
	152+00.000	2598	2577	70	362	70	52	70	0	0	0	0
	150+00.000	2597	2577	70	362	70	52	70	0	0	0	0
	148+00.000	2596										
SR24_WB_In_6	point2942	2942	2577	70	362	70	52	70	0	0	0	0
	170+00.000	2219	2577	70	362	70	52	70	0	0	0	0
	168+00.000	2218	2577	70	362	70	52	70	0	0	0	0
	166+00.000	2217	2577	70	362	70	52	70	0	0	0	0
	164+00.000	2216	2577	70	362	70	52	70	0	0	0	0
	162+00.000	2215	2577	70	362	70	52	70	0	0	0	0
	160+00.000	2214	2577	70	362	70	52	70	0	0	0	0
	158+00.000	2213	2577	70	362	70	52	70	0	0	0	0
	156+00.000	2212	2577	70	362	70	52	70	0	0	0	0
	154+00.000	2211	2577	70	362	70	52	70	0	0	0	0
	152+00.000	2210	2577	70	362	70	52	70	0	0	0	0
	150+00.000	2209	2577	70	362	70	52	70	0	0	0	0
	148+00.000	2208										
SR24_WB_Out_5	point2943	2943	2534	70	358	70	52	70	0	0	0	0
	210+00.000	2627	2534	70	358	70	52	70	0	0	0	0
	208+00.000	2626	2534	70	358	70	52	70	0	0	0	0
	206+00.000	2625	2534	70	358	70	52	70	0	0	0	0
	204+00.000	2624	2534	70	358	70	52	70	0	0	0	0
	202+00.000	2623	2534	70	358	70	52	70	0	0	0	0
	200+00.000	2622	2534	70	358	70	52	70	0	0	0	0
	198+00.000	2621	2534	70	358	70	52	70	0	0	0	0
	196+00.000	2620	2534	70	358	70	52	70	0	0	0	0
	194+00.000	2619	2534	70	358	70	52	70	0	0	0	0
	192+00.000	2618	2534	70	358	70	52	70	0	0	0	0
	190+00.000	2617	2534	70	358	70	52	70	0	0	0	0
	188+00.000	2616	2534	70	358	70	52	70	0	0	0	0
	186+00.000	2615	2534	70	358	70	52	70	0	0	0	0
	184+00.000	2614	2534	70	358	70	52	70	0	0	0	0

	182+00.000	2613	2534	70	358	70	52	70	0	0	0	0
	180+00.000	2612	2534	70	358	70	52	70	0	0	0	0
	178+00.000	2611	2534	70	358	70	52	70	0	0	0	0
	176+00.000	2610	2534	70	358	70	52	70	0	0	0	0
	174+00.000	2609	2534	70	358	70	52	70	0	0	0	0
	172+00.000	2608										
SR24_WB_ln_5	point2944	2944	2534	70	358	70	52	70	0	0	0	0
	210+00.000	2239	2534	70	358	70	52	70	0	0	0	0
	208+00.000	2238	2534	70	358	70	52	70	0	0	0	0
	206+00.000	2237	2534	70	358	70	52	70	0	0	0	0
	204+00.000	2236	2534	70	358	70	52	70	0	0	0	0
	202+00.000	2235	2534	70	358	70	52	70	0	0	0	0
	200+00.000	2234	2534	70	358	70	52	70	0	0	0	0
	198+00.000	2233	2534	70	358	70	52	70	0	0	0	0
	196+00.000	2232	2534	70	358	70	52	70	0	0	0	0
	194+00.000	2231	2534	70	358	70	52	70	0	0	0	0
	192+00.000	2230	2534	70	358	70	52	70	0	0	0	0
	190+00.000	2229	2534	70	358	70	52	70	0	0	0	0
	188+00.000	2228	2534	70	358	70	52	70	0	0	0	0
	186+00.000	2227	2534	70	358	70	52	70	0	0	0	0
	184+00.000	2226	2534	70	358	70	52	70	0	0	0	0
	182+00.000	2225	2534	70	358	70	52	70	0	0	0	0
	180+00.000	2224	2534	70	358	70	52	70	0	0	0	0
	178+00.000	2223	2534	70	358	70	52	70	0	0	0	0
	176+00.000	2222	2534	70	358	70	52	70	0	0	0	0
	174+00.000	2221	2534	70	358	70	52	70	0	0	0	0
	172+00.000	2220										
Signal Butte Rd NB	point3010	3010	1595	50	121	50	28	50	0	0	0	0
	22+12.563	2736										
Signal Butte Rd NB_down	point3011	3011	1203	50	39	50	8	50	0	0	0	0
	27+21.053	2737										
Signal Butte Rd SB	point3012	3012	1534	50	40	50	8	50	0	0	0	0
	7+62.109	2732										
Signal Butte Rd SB_down	point3013	3013	1943	50	147	50	33	50	0	0	0	0
	13+36.973	2733										
Williams Field Rd EB	point3014	3014	1175	50	100	50	13	50	0	0	0	0

	22+66.871	2745										
Williams Field Rd EB_down	point3015	3015	1071	50	79	50	12	50	0	0	0	0
	26+55.733	2746										
Williams Field Rd WB	point3016	3016	527	50	26	50	4	50	0	0	0	0
	9+98.802	2741										
Williams Field Rd WB_down	point3017	3017	660	50	50	50	5	50	0	0	0	0
	14+59.315	2742										
Williams Field Rd WB_up-2	point3043	3043	1203	50	111	50	17	50	0	0	0	0
	5+80.920	2740										
Crismon SB-2	54+00.000	3077	1246	50	56	50	8	50	0	0	0	0
	52+54.199	3072	1246	50	56	50	8	50	0	0	0	0
	52+00.000	3071	1246	50	56	50	8	50	0	0	0	0
	50+00.000	3070	1246	50	56	50	8	50	0	0	0	0
	48+00.000	3069										
Crismon NB-2-2	40+00.000	3080	1288	50	81	50	14	50	0	0	0	0
	42+00.000	3048	1288	50	81	50	14	50	0	0	0	0
	42+46.851	3049	1288	50	81	50	14	50	0	0	0	0
	44+00.000	3050	1288	50	81	50	14	50	0	0	0	0
	46+00.000	3051	1288	50	81	50	14	50	0	0	0	0
	point3082	3082	1288	50	81	50	14	50	0	0	0	0
	point3083	3083										
Crismon NB-2-2-2-2	point3087	3087	1288	50	81	50	14	50	0	0	0	0
	50+00.000	3053	1288	50	81	50	14	50	0	0	0	0
	52+00.000	3054	1288	50	81	50	14	50	0	0	0	0
	52+54.199	3055	1288	50	81	50	14	50	0	0	0	0
	54+00.000	3056										
Crismon SB-2-2-2	point3089	3089	1246	50	56	50	8	50	0	0	0	0
	point3085	3085	1246	50	56	50	8	50	0	0	0	0
	46+00.000	3068	1246	50	56	50	8	50	0	0	0	0
	44+00.000	3067	1246	50	56	50	8	50	0	0	0	0
	42+46.851	3066	1246	50	56	50	8	50	0	0	0	0
	42+00.000	3065	1246	50	56	50	8	50	0	0	0	0
	40+00.000	3064										

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	#Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Developer Site Wall	W	0.00	99.99	0.00				0.00	point597	597	791,456.0	838,176.2	1,403.60	6.00	1.00	0	0		
									point598	598	791,351.5	838,253.0	1,403.20	6.00	1.00	0	0		
									point599	599	791,259.1	838,321.0	1,402.50	6.00	1.00	0	0		
									point600	600	791,147.7	838,403.1	1,402.40	6.00	1.00	0	0		
									point601	601	791,055.1	838,471.2	1,402.30	6.00	1.00	0	0		
									point602	602	790,959.8	838,544.6	1,401.60	6.00	1.00	0	0		
									point603	603	790,876.2	838,612.2	1,402.40	6.00	1.00	0	0		
									point604	604	790,770.6	838,697.3	1,401.30	6.00	1.00	0	0		
									point605	605	790,677.5	838,772.5	1,400.70	6.00	1.00	0	0		
									point606	606	790,600.1	838,834.9	1,400.40	6.00	1.00	0	0		
									point607	607	790,540.5	838,885.0	1,400.10	6.00	1.00	0	0		
									point608	608	790,468.7	838,959.2	1,399.30	6.00	1.00	0	0		
									point609	609	790,413.9	839,015.7	1,398.90	6.00	1.00	0	0		
									point610	610	790,375.3	839,052.1	1,400.10	6.00					
Developer Site Wall_2	W	0.00	99.99	0.00				0.00	point611	611	791,469.9	838,535.9	1,403.70	6.00	0.00	0	0		
									point612	612	791,456.0	838,176.2	1,403.60	6.00					
PW26A	W	0.00	99.99	0.00				0.00	point613	613	791,456.1	838,316.6	1,403.57	6.00	0.00	0	0		
									point614	614	791,377.5	838,320.1	1,403.57	6.00					
Barrier WB3A	W	0.00	99.99	0.00				0.00	134+99.999	615	791,116.2	838,053.7	1,403.50	6.00	2.00	4	0		
									134+01.058	616	791,037.2	838,111.5	1,404.70	6.00	2.00	4	0		
									131+97.350	617	790,874.9	838,230.9	1,407.40	6.00	2.00	4	0		
									129+93.512	618	790,716.0	838,355.0	1,411.30	6.00	2.00	4	0		
									127+96.690	619	790,565.0	838,477.9	1,415.30	6.00	2.00	4	0		
									125+98.784	620	790,412.5	838,601.0	1,419.30	6.00	2.00	4	0		
									124+04.477	621	790,271.9	838,732.3	1,422.50	6.00	2.00	4	0		
									122+04.238	622	790,132.7	838,873.4	1,424.20	6.00	2.00	4	0	Y	
									point671	671	790,065.5	838,945.1	1,424.25	6.00	2.00	4	0	Y	
									120+05.690	627	789,998.4	839,016.7	1,424.30	6.00	2.00	4	0	Y	
									118+07.014	623	789,864.0	839,159.9	1,422.80	6.00					
Barrier WB3B	W	0.00	99.99	0.00				0.00	140+09.975	628	791,551.7	837,799.6	1,402.69	6.00	2.00	4	0		
									139+09.198	636	791,469.8	837,856.1	1,402.09	6.00	2.00	4	0		
									138+08.261	629	791,387.8	837,912.5	1,401.50	6.00	2.00	4	0		
									136+06.283	630	791,226.8	838,029.5	1,400.79	6.00	2.00	4	0		
									134+04.082	631	791,069.9	838,152.0	1,402.26	6.00					
Barrier140	W	0.00	99.99	0.00				0.00	point632	632	791,484.9	838,472.5	1,411.30	3.20	0.00	0	0		

									point633	633	791,481.7	838,273.2	1,418.20	3.20	0.00	0	0		
									point634	634	791,481.7	838,074.1	1,425.20	3.20	0.00	0	0		
									point635	635	791,480.1	837,876.4	1,429.70	3.20					
Barrier142	W	0.00	99.99	0.00				0.00	point639	639	792,183.6	837,345.4	1,407.70	3.50	0.00	0	0		
									point640	640	792,004.4	837,432.4	1,406.70	3.50	0.00	0	0		
									point641	641	791,827.6	837,524.1	1,405.70	3.50	0.00	0	0		
									point642	642	791,653.2	837,620.4	1,404.70	3.50	0.00	0	0		
									point665	665	791,567.4	837,670.8	1,404.20	3.50					
Barrier142-2-2	W	0.00	99.99	0.00				0.00	point667	667	791,467.6	837,731.6	1,403.70	3.50	0.00	0	0		
									point644	644	791,312.4	837,826.4	1,402.90	3.50	0.00	0	0		
									point645	645	791,146.1	837,936.1	1,403.10	3.50	0.00	0	0		
									point646	646	790,982.8	838,050.1	1,404.70	3.50	0.00	0	0		
									point647	647	790,822.4	838,168.3	1,407.40	3.50	0.00	0	0		
									point648	648	790,665.2	838,290.6	1,411.30	3.50	0.00	0	0		
									point649	649	790,511.4	838,417.1	1,415.30	3.50	0.00	0	0		
									point650	650	790,360.8	838,547.5	1,419.30	3.50	0.00	0	0		
									point651	651	790,213.8	838,681.8	1,422.50	3.50	0.00	0	0		
									point652	652	790,070.2	838,819.9	1,424.20	3.50	0.00	0	0	Y	
									point653	653	789,930.4	838,961.8	1,424.30	3.50	0.00	0	0	Y	
									point654	654	789,794.2	839,107.2	1,422.80	3.50	0.00	0	0	Y	
									point655	655	789,662.1	839,256.2	1,419.70	3.50	0.00	0	0		
									point656	656	789,533.8	839,408.5	1,415.10	3.50	0.00	0	0		
									point657	657	789,409.4	839,564.3	1,409.70	3.50	0.00	0	0		
									point658	658	789,286.2	839,721.9	1,404.40	3.50	0.00	0	0		
									point659	659	789,163.1	839,879.5	1,400.20	3.50	0.00	0	0		
									point660	660	789,040.1	840,037.1	1,397.60	3.50	0.00	0	0		
									point661	661	788,916.9	840,194.7	1,396.60	3.50	0.00	0	0		
									point662	662	788,793.8	840,352.3	1,397.20	3.50	0.00	0	0		
									point663	663	788,670.6	840,509.9	1,398.20	3.50					
BuildingBarrier1	W	0.00	99.99	0.00				0.00	point672	672	790,648.8	838,907.2	1,400.86	20.00	0.00	0	0		
									point673	673	790,612.8	838,864.9	1,400.48	20.00	0.00	0	0		
									point674	674	790,723.2	838,777.5	1,401.30	20.00	0.00	0	0		
									point675	675	790,757.1	838,822.1	1,402.13	20.00					
BuildingBarrier-2	W	0.00	99.99	0.00				0.00	point693	693	790,816.1	838,769.3	1,402.13	20.00	0.00	0	0		
									point677	677	790,781.3	838,728.9	1,401.74	20.00	0.00	0	0		
									point678	678	790,889.1	838,638.3	1,402.90	20.00	0.00	0	0		
									point679	679	790,922.8	838,683.3	1,403.00	20.00					
BuildingBarrier-3	W	0.00	99.99	0.00				0.00	point695	695	790,950.9	838,658.4	1,403.00	20.00	0.00	0	0		
									point681	681	790,919.1	838,616.2	1,402.78	20.00	0.00	0	0		
									point682	682	791,029.1	838,526.8	1,401.49	20.00	0.00	0	0		
									point683	683	791,063.7	838,572.4	1,403.28	20.00					
BuildingBarrier-4	W	0.00	99.99	0.00				0.00	point697	697	791,096.1	838,547.2	1,403.28	20.00	0.00	0	0		
									point685	685	791,060.9	838,504.1	1,401.53	20.00	0.00	0	0		
									point686	686	791,171.3	838,418.4	1,401.53	20.00	0.00	0	0		
									point687	687	791,206.5	838,460.3	1,403.17	20.00					
BuildingBarrier-5	W	0.00	99.99	0.00				0.00	point699	699	791,368.4	838,329.0	1,403.17	20.00	0.00	0	0		
									point689	689	791,425.1	838,324.9	1,403.66	20.00	0.00	0	0		
									point690	690	791,423.2	838,464.3	1,403.58	20.00	0.00	0	0		
									point691	691	791,374.3	838,462.8	1,403.58	20.00					

AZTEC						**1 May 2025**					
AZTEC						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**F0719 SR24, SR 202L to Ironwood Drive**										
RUN:	**SR24, 2050 Build**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
R156	501	1	791,088.2	838,823.6	1,400.00	5.00	0.00	66	15.0	7.0	
R156A	578	4	790,638.1	838,836.2	1,400.68	5.00	0.00	66	15.0	7.0	Y
R156B	579	4	790,809.8	838,692.4	1,401.41	5.00	0.00	66	15.0	7.0	
R156C	580	4	790,968.8	838,564.8	1,401.73	5.00	0.00	66	15.0	7.0	
R156D	581	4	791,130.0	838,445.4	1,402.59	5.00	0.00	66	15.0	7.0	
R156E	583	4	791,432.2	838,327.1	1,403.57	5.00	0.00	66	15.0	7.0	
Mon4	585	1	790,666.1	838,789.9	1,400.68	5.00	0.00	66	15.0	7.0	
R156F	592	4	790,744.7	838,987.4	1,401.00	5.00	0.00	66	15.0	7.0	
R156G	593	4	790,856.2	838,847.8	1,401.00	5.00	0.00	66	15.0	7.0	
R156H	594	4	791,000.9	838,744.3	1,401.00	5.00	0.00	66	15.0	7.0	
R156I	595	4	791,188.9	838,614.9	1,401.00	5.00	0.00	66	15.0	7.0	
R156J	596	4	791,372.4	838,522.8	1,401.00	5.00	0.00	66	15.0	7.0	

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Williams Field EB OnRamp	24.0	0+00.000	1796	789,794.1	838,808.1	1,399.10	Onramp	15.00	100	Average	
		2+00.000	1797	789,902.3	838,695.3	1,398.10				Average	
		4+00.000	1798	790,041.3	838,551.6	1,396.80				Average	
		6+00.000	1799	790,186.3	838,413.8	1,397.30				Average	
		8+00.000	1800	790,340.5	838,286.5	1,398.50				Average	
		10+00.000	1801	790,503.2	838,170.3	1,399.70				Average	
		12+00.000	1802	790,673.6	838,065.7	1,400.90				Average	
		14+00.000	1803	790,849.1	837,969.8	1,402.00				Average	
		16+00.000	1804	791,024.8	837,874.3	1,403.10				Average	
		18+00.000	1805	791,200.5	837,778.8	1,403.90				Average	
		20+00.000	1806	791,376.2	837,683.2	1,405.10				Average	
		22+00.000	1807	791,552.0	837,587.7	1,405.60				Average	
		24+00.000	1808	791,802.9	837,458.0	1,405.70					
Williams Field EB OffRamp	24.0	0+00.000	1809	788,498.8	840,624.8	1,399.10				Average	
		2+00.000	1810	788,569.1	840,528.1	1,397.60				Average	
		4+00.000	1811	788,679.1	840,364.4	1,396.60				Average	
		6+00.000	1812	788,792.9	840,199.9	1,395.40				Average	
		8+00.000	1813	788,902.8	840,032.8	1,395.30				Average	
		10+00.000	1814	789,008.8	839,863.2	1,396.30				Average	
		12+00.000	1815	789,111.2	839,691.4	1,398.00				Average	
		14+00.000	1816	789,213.0	839,519.3	1,398.80				Average	
		16+00.000	1817	789,319.3	839,350.0	1,397.40				Average	
		18+00.000	1818	789,442.0	839,192.2	1,395.90				Average	
		20+00.000	1819	789,578.9	839,046.4	1,396.80				Average	
		22+00.000	1820	789,737.4	838,875.6	1,398.80					

Williams Field WB OffRamp	24.0	26+00.000	1834	792,222.4	837,392.5	1,407.70				Average	
		24+00.000	1833	791,972.5	837,529.3	1,405.60				Average	
		22+00.000	1832	791,797.5	837,626.2	1,404.50				Average	
		20+00.000	1831	791,626.1	837,729.2	1,403.30				Average	
		18+00.000	1830	791,458.3	837,838.0	1,402.20				Average	
		16+00.000	1829	791,294.5	837,952.7	1,401.20				Average	
		14+00.000	1828	791,134.7	838,073.0	1,401.90				Average	
		12+00.000	1827	790,979.2	838,198.8	1,404.00				Average	
		10+00.000	1826	790,828.3	838,330.0	1,405.80				Average	
		8+00.000	1825	790,682.0	838,466.3	1,404.70				Average	
		6+00.000	1824	790,540.5	838,607.7	1,402.10				Average	
		4+00.000	1823	790,401.5	838,751.5	1,399.40				Average	
		2+00.000	1822	790,262.5	838,895.3	1,398.70				Average	
		0+00.000	1821	790,156.4	839,006.2	1,400.30					
Williams Field WB OnRamp	24.0	20+00.000	1845	790,096.1	839,079.2	1,400.00	Onramp	15.00	100	Average	
		18+00.000	1844	789,930.0	839,255.9	1,397.80				Average	
		16+00.000	1843	789,790.9	839,399.7	1,398.60				Average	
		14+00.000	1842	789,651.9	839,543.5	1,400.00				Average	
		12+00.000	1841	789,512.9	839,687.2	1,401.10				Average	
		10+00.000	1840	789,373.9	839,831.0	1,400.30				Average	
		8+00.000	1839	789,234.9	839,974.8	1,397.70				Average	
		6+00.000	1838	789,097.6	840,120.2	1,396.10				Average	
		4+00.000	1837	788,964.2	840,269.2	1,395.80				Average	
		2+00.000	1836	788,834.8	840,421.7	1,396.70				Average	
		0+00.000	1835	788,720.9	840,549.4	1,398.00					
Signal Butte EB OnRamp	24.0	0+00.000	1868	796,755.2	836,390.7	1,424.90	Onramp	15.00	100	Average	
		2+00.000	1869	796,918.4	836,406.0	1,423.70				Average	
		4+00.000	1870	797,117.7	836,422.8	1,424.70				Average	
		6+00.000	1871	797,317.0	836,439.5	1,426.90				Average	
		8+00.000	1872	797,516.3	836,456.3	1,429.10				Average	
		10+00.000	1873	797,715.6	836,473.0	1,431.40				Average	
		12+00.000	1874	797,914.9	836,489.7	1,434.30				Average	
		14+00.000	1875	798,114.5	836,502.6	1,438.50				Average	
		16+00.000	1876	798,312.3	836,513.3	1,442.20				Average	
		18+00.000	1877	798,482.8	836,522.6	1,448.90					
Signal Butte WB OffRamp	24.0	18+00.000	1887	798,488.8	836,648.2	1,448.90				Average	
		16+00.000	1886	798,309.2	836,662.8	1,442.60				Average	
		14+00.000	1885	798,109.5	836,677.1	1,438.30				Average	
		12+00.000	1884	797,910.1	836,692.9	1,434.60				Average	

		10+00.000	1883	797,711.1	836,712.6	1,432.00				Average	
		8+00.000	1882	797,512.1	836,732.7	1,429.70				Average	
		6+00.000	1881	797,313.1	836,752.9	1,427.40				Average	
		4+00.000	1880	797,114.2	836,773.0	1,425.10				Average	
		2+00.000	1879	796,915.2	836,793.1	1,424.00				Average	
		0+00.000	1878	796,755.0	836,807.9	1,425.30					
Signal Butte Rd SB_up	24.0	0+00.000	2730	796,683.8	837,238.0	1,425.80				Average	
		3+68.136	2731	796,679.5	836,809.0	1,425.30					
Williams Field Rd EB_up	24.0	point2804	2804	789,431.7	838,623.3	1,397.10				Average	
		18+56.254	2744	789,789.4	838,812.8	1,400.30					
Signal Butte Rd NB_up	24.0	point2806	2806	796,746.4	835,901.4	1,423.40				Average	
		18+16.986	2735	796,753.5	836,389.4	1,424.90					
Signal Butte WB OnRamp	24.0	point2847	2847	796,677.7	836,809.9	1,425.30	Onramp	15.00	100	Average	
		point2846	2846	796,574.3	836,804.0	1,424.40				Average	
		18+00.000	1855	796,374.8	836,790.9	1,422.40				Average	
		16+00.000	1854	796,175.2	836,777.9	1,420.40				Average	
		14+00.000	1853	795,975.6	836,764.8	1,418.90				Average	
		12+00.000	1852	795,776.0	836,751.7	1,418.90				Average	
		10+00.000	1851	795,576.5	836,738.7	1,420.20				Average	
		8+00.000	1850	795,376.9	836,725.6	1,421.20				Average	
		6+00.000	1849	795,177.3	836,713.5	1,421.50				Average	
		4+00.000	1848	794,977.3	836,710.2	1,421.10				Average	
		2+00.000	1847	794,777.5	836,717.4	1,420.30				Average	
		0+00.000	1846	794,499.3	836,730.9	1,419.50					
Signal Butte EB OffRamp	24.0	0+00.000	1857	794,481.5	836,610.9	1,419.50				Average	
		2+00.000	1858	794,744.2	836,568.5	1,421.60				Average	
		4+00.000	1859	794,942.8	836,545.3	1,423.30				Average	
		6+00.000	1860	795,141.5	836,522.1	1,424.40				Average	
		8+00.000	1861	795,340.1	836,498.9	1,425.30				Average	
		10+00.000	1862	795,538.8	836,475.7	1,424.90				Average	
		12+00.000	1863	795,737.4	836,452.5	1,423.90				Average	
		14+00.000	1864	795,936.4	836,432.6	1,423.00				Average	
		16+00.000	1865	796,135.9	836,418.0	1,422.10				Average	
		18+00.000	1866	796,335.6	836,407.8	1,422.30				Average	
		point2848	2848	796,535.4	836,398.1	1,423.80				Average	
		point2849	2849	796,680.7	836,388.8	1,424.90					
SR24_EB_Out_4	36.0	point2931	2931	788,503.0	840,634.2	1,399.20				Average	
		100+00.00	2407	788,626.1	840,476.6	1,398.20				Average	
		102+00.00	2408	788,749.2	840,319.0	1,397.20				Average	

		104+00.00	2409	788,872.4	840,161.4	1,396.60				Average	
		106+00.00	2410	788,995.5	840,003.8	1,397.60				Average	
		108+00.00	2411	789,118.6	839,846.2	1,400.20				Average	
		110+00.00	2412	789,241.8	839,688.6	1,404.40				Average	
		112+00.00	2413	789,364.9	839,531.0	1,409.70				Average	
		114+00.00	2414	789,490.5	839,373.7	1,415.10				Average	
		116+00.00	2415	789,620.2	839,219.6	1,419.70				Average	
		118+00.00	2416	789,754.0	839,069.0	1,422.80				Average	Y
		120+00.00	2417	789,891.6	838,921.9	1,424.30				Average	Y
		122+00.00	2418	790,033.0	838,778.5	1,424.20				Average	Y
		124+00.00	2419	790,178.1	838,638.8	1,422.50				Average	
		126+00.00	2420	790,326.9	838,502.9	1,419.30				Average	
		128+00.00	2421	790,479.1	838,371.0	1,415.30				Average	
		130+00.00	2422	790,634.8	838,243.2	1,411.30				Average	
		132+00.00	2423	790,793.7	838,119.4	1,407.40				Average	
		134+00.00	2424	790,955.8	837,999.9	1,404.70				Average	
		136+00.00	2425	791,121.0	837,884.6	1,403.10				Average	
		138+00.00	2426	791,289.2	837,773.7	1,402.90				Average	
		140+00.00	2427	791,460.2	837,667.3	1,403.70				Average	
		142+00.00	2428	791,633.9	837,565.3	1,404.70				Average	
		144+00.00	2429	791,810.3	837,468.0	1,405.70					
SR24_EB_In_4	36.0	point2932	2932	788,521.9	840,649.0	1,399.20				Average	
		100+00.00	2019	788,645.0	840,491.4	1,398.20				Average	
		102+00.00	2020	788,768.1	840,333.8	1,397.20				Average	
		104+00.00	2021	788,891.3	840,176.2	1,396.60				Average	
		106+00.00	2022	789,014.4	840,018.6	1,397.60				Average	
		108+00.00	2023	789,137.5	839,861.0	1,400.20				Average	
		110+00.00	2024	789,260.7	839,703.4	1,404.40				Average	
		112+00.00	2025	789,383.8	839,545.8	1,409.70				Average	
		114+00.00	2026	789,509.0	839,388.9	1,415.10				Average	
		116+00.00	2027	789,638.4	839,235.3	1,419.70				Average	
		118+00.00	2028	789,771.7	839,085.2	1,422.80				Average	Y
		120+00.00	2029	789,908.9	838,938.5	1,424.30				Average	Y
		122+00.00	2030	790,049.9	838,795.5	1,424.20				Average	Y
		124+00.00	2031	790,194.6	838,656.3	1,422.50				Average	
		126+00.00	2032	790,342.8	838,520.9	1,419.30				Average	
		128+00.00	2033	790,494.6	838,389.4	1,415.30				Average	
		130+00.00	2034	790,649.8	838,261.9	1,411.30				Average	
		132+00.00	2035	790,808.2	838,138.6	1,407.40				Average	

		134+00.00	2036	790,969.8	838,019.4	1,404.70				Average	
		136+00.00	2037	791,134.5	837,904.5	1,403.10				Average	
		138+00.00	2038	791,302.2	837,793.9	1,402.90				Average	
		140+00.00	2039	791,472.6	837,687.8	1,403.70				Average	
		142+00.00	2040	791,645.8	837,586.2	1,404.70				Average	
		144+00.00	2041	791,821.6	837,489.1	1,405.70					
SR24_EB_Out_5	36.0	point2935	2935	791,810.3	837,468.0	1,405.70				Average	
		146+00.00	2430	791,989.1	837,375.3	1,406.70				Average	
		148+00.00	2431	792,170.3	837,287.3	1,407.70				Average	
		150+00.00	2432	792,353.8	837,204.0	1,408.60				Average	
		152+00.00	2433	792,539.3	837,125.6	1,409.60				Average	
		154+00.00	2434	792,726.8	837,052.1	1,410.60				Average	
		156+00.00	2435	792,916.3	836,983.6	1,411.60				Average	
		158+00.00	2436	793,107.4	836,920.0	1,412.60				Average	
		160+00.00	2437	793,300.1	836,861.4	1,413.60				Average	
		162+00.00	2438	793,494.3	836,807.9	1,414.50				Average	
		164+00.00	2439	793,689.8	836,759.5	1,415.50				Average	
		166+00.00	2440	793,886.6	836,716.2	1,416.50				Average	
		168+00.00	2441	794,084.4	836,678.1	1,417.50				Average	
		170+00.00	2442	794,283.1	836,645.2	1,418.50				Average	
		172+00.00	2443	794,482.6	836,617.5	1,419.50					
SR24_EB_In_5	36.0	point2936	2936	791,821.6	837,489.1	1,405.70				Average	
		146+00.00	2042	791,999.9	837,396.7	1,406.70				Average	
		148+00.00	2043	792,180.5	837,309.0	1,407.70				Average	
		150+00.00	2044	792,363.4	837,226.0	1,408.60				Average	
		152+00.00	2045	792,548.4	837,147.9	1,409.60				Average	
		154+00.00	2046	792,735.3	837,074.6	1,410.60				Average	
		156+00.00	2047	792,924.1	837,006.2	1,411.60				Average	
		158+00.00	2048	793,114.7	836,942.8	1,412.60				Average	
		160+00.00	2049	793,306.8	836,884.4	1,413.60				Average	
		162+00.00	2050	793,500.4	836,831.1	1,414.50				Average	
		164+00.00	2051	793,695.3	836,782.9	1,415.50				Average	
		166+00.00	2052	793,891.4	836,739.7	1,416.50				Average	
		168+00.00	2053	794,088.6	836,701.7	1,417.50				Average	
		170+00.00	2054	794,286.7	836,668.9	1,418.50				Average	
		172+00.00	2055	794,485.6	836,641.3	1,419.50					
SR24_WB_Out_7	36.0	point2937	2937	792,217.1	837,386.8	1,407.70				Average	
		146+00.00	2595	792,038.5	837,473.6	1,406.70				Average	
		144+00.00	2594	791,862.2	837,565.0	1,405.70				Average	

		142+00.00	2593	791,688.4	837,660.9	1,404.70				Average	
		140+00.00	2592	791,517.1	837,761.4	1,403.70				Average	
		138+00.00	2591	791,348.6	837,866.3	1,402.90				Average	
		136+00.00	2590	791,182.8	837,975.7	1,403.10				Average	
		134+00.00	2589	791,020.0	838,089.3	1,404.70				Average	
		132+00.00	2588	790,860.2	838,207.1	1,407.40				Average	
		130+00.00	2587	790,703.5	838,329.1	1,411.30				Average	
		128+00.00	2586	790,550.1	838,455.1	1,415.30				Average	
		126+00.00	2585	790,400.0	838,585.1	1,419.30				Average	
		124+00.00	2584	790,253.4	838,719.0	1,422.50				Average	
		122+00.00	2583	790,110.3	838,856.7	1,424.20				Average	Y
		120+00.00	2582	789,970.9	838,998.1	1,424.30				Average	Y
		118+00.00	2581	789,835.3	839,143.1	1,422.80				Average	Y
		116+00.00	2580	789,703.4	839,291.6	1,419.70				Average	
		114+00.00	2579	789,575.6	839,443.5	1,415.10				Average	
		112+00.00	2578	789,451.6	839,598.7	1,409.70				Average	
		110+00.00	2577	789,328.4	839,756.3	1,404.40				Average	
		108+00.00	2576	789,205.3	839,913.9	1,400.20				Average	
		106+00.00	2575	789,082.2	840,071.5	1,397.60				Average	
		104+00.00	2574	788,959.0	840,229.1	1,396.60				Average	
		102+00.00	2573	788,835.9	840,386.7	1,397.20				Average	
		100+00.00	2572	788,712.8	840,544.3	1,398.20					
SR24_WB_ln_7	36.0	point2938	2938	792,206.9	837,365.1	1,407.70				Average	
		146+00.00	2207	792,027.7	837,452.1	1,406.70				Average	
		144+00.00	2206	791,850.9	837,543.8	1,405.70				Average	
		142+00.00	2205	791,676.5	837,640.1	1,404.70				Average	
		140+00.00	2204	791,504.7	837,740.9	1,403.70				Average	
		138+00.00	2203	791,335.6	837,846.1	1,402.90				Average	
		136+00.00	2202	791,169.3	837,955.8	1,403.10				Average	
		134+00.00	2201	791,006.0	838,069.8	1,404.70				Average	
		132+00.00	2200	790,845.7	838,188.0	1,407.40				Average	
		130+00.00	2199	790,688.5	838,310.3	1,411.30				Average	
		128+00.00	2198	790,534.6	838,436.8	1,415.30				Average	
		126+00.00	2197	790,384.0	838,567.2	1,419.30				Average	
		124+00.00	2196	790,237.0	838,701.5	1,422.50				Average	
		122+00.00	2195	790,093.5	838,839.6	1,424.20				Average	Y
		120+00.00	2194	789,953.6	838,981.5	1,424.30				Average	Y
		118+00.00	2193	789,817.5	839,126.9	1,422.80				Average	Y
		116+00.00	2192	789,685.3	839,275.9	1,419.70				Average	

		114+00.00	2191	789,557.0	839,428.2	1,415.10				Average	
		112+00.00	2190	789,432.7	839,584.0	1,409.70				Average	
		110+00.00	2189	789,309.5	839,741.6	1,404.40				Average	
		108+00.00	2188	789,186.4	839,899.2	1,400.20				Average	
		106+00.00	2187	789,063.3	840,056.8	1,397.60				Average	
		104+00.00	2186	788,940.1	840,214.4	1,396.60				Average	
		102+00.00	2185	788,817.0	840,372.0	1,397.20				Average	
		100+00.00	2184	788,693.9	840,529.6	1,398.20					
SR24_EB_Out_6	36.0	point2939	2939	794,482.6	836,617.5	1,419.50				Average	
		174+00.00	2444	794,682.8	836,595.0	1,420.50				Average	
		176+00.00	2445	794,883.5	836,577.8	1,421.40				Average	
		178+00.00	2446	795,084.6	836,565.9	1,422.40				Average	
		180+00.00	2447	795,285.9	836,559.2	1,424.00				Average	
		182+00.00	2448	795,486.5	836,556.9	1,426.80				Average	
		184+00.00	2449	795,686.5	836,555.2	1,430.70				Average	
		186+00.00	2450	795,886.5	836,553.5	1,435.80				Average	
		188+00.00	2451	796,086.5	836,551.7	1,441.40				Average	
		190+00.00	2452	796,286.5	836,550.0	1,445.80				Average	
		192+00.00	2453	796,486.5	836,548.3	1,448.60				Average	Y
		194+00.00	2454	796,686.5	836,546.5	1,449.80				Average	Y
		196+00.00	2455	796,886.5	836,544.8	1,449.50				Average	Y
		198+00.00	2456	797,086.5	836,543.1	1,447.60				Average	
		200+00.00	2457	797,286.4	836,541.3	1,444.20				Average	
		202+00.00	2458	797,486.4	836,539.6	1,439.80				Average	
		204+00.00	2459	797,686.4	836,537.9	1,437.20				Average	
		206+00.00	2460	797,886.4	836,536.1	1,436.90				Average	
		208+00.00	2461	798,086.4	836,534.4	1,438.90				Average	
		210+00.00	2462	798,286.4	836,532.7	1,443.10				Average	
		212+00.00	2463	798,486.4	836,530.9	1,448.90					
SR24_EB_In_6	36.0	point2940	2940	794,485.6	836,641.3	1,419.50				Average	
		174+00.00	2056	794,685.2	836,618.9	1,420.50				Average	
		176+00.00	2057	794,885.2	836,601.8	1,421.40				Average	
		178+00.00	2058	795,085.7	836,589.8	1,422.40				Average	
		180+00.00	2059	795,286.4	836,583.2	1,424.00				Average	
		182+00.00	2060	795,486.7	836,580.9	1,426.80				Average	
		184+00.00	2061	795,686.7	836,579.2	1,430.70				Average	
		186+00.00	2062	795,886.7	836,577.5	1,435.80				Average	
		188+00.00	2063	796,086.7	836,575.7	1,441.40				Average	
		190+00.00	2064	796,286.7	836,574.0	1,445.80				Average	

		192+00.00	2065	796,486.7	836,572.3	1,448.60				Average	Y
		194+00.00	2066	796,686.7	836,570.5	1,449.80				Average	Y
		196+00.00	2067	796,886.7	836,568.8	1,449.50				Average	Y
		198+00.00	2068	797,086.7	836,567.1	1,447.60				Average	
		200+00.00	2069	797,286.7	836,565.3	1,444.20				Average	
		202+00.00	2070	797,486.6	836,563.6	1,439.80				Average	
		204+00.00	2071	797,686.6	836,561.9	1,437.20				Average	
		206+00.00	2072	797,886.6	836,560.1	1,436.90				Average	
		208+00.00	2073	798,086.6	836,558.4	1,438.90				Average	
		210+00.00	2074	798,286.6	836,556.7	1,443.10				Average	
		212+00.00	2075	798,486.6	836,554.9	1,448.90					
SR24_WB_Out_6	36.0	point2941	2941	794,496.3	836,726.7	1,419.50				Average	
		170+00.00	2607	794,299.7	836,754.0	1,418.50				Average	
		168+00.00	2606	794,103.8	836,786.4	1,417.50				Average	
		166+00.00	2605	793,908.8	836,824.0	1,416.50				Average	
		164+00.00	2604	793,714.9	836,866.6	1,415.50				Average	
		162+00.00	2603	793,522.1	836,914.3	1,414.50				Average	
		160+00.00	2602	793,330.7	836,967.1	1,413.60				Average	
		158+00.00	2601	793,140.7	837,024.8	1,412.60				Average	
		156+00.00	2600	792,952.3	837,087.5	1,411.60				Average	
		154+00.00	2599	792,765.6	837,155.1	1,410.60				Average	
		152+00.00	2598	792,580.8	837,227.5	1,409.60				Average	
		150+00.00	2597	792,397.9	837,304.8	1,408.60				Average	
		148+00.00	2596	792,217.1	837,386.8	1,407.70					
SR24_WB_In_6	36.0	point2942	2942	794,493.3	836,702.8	1,419.50				Average	
		170+00.00	2219	794,296.0	836,730.2	1,418.50				Average	
		168+00.00	2218	794,099.5	836,762.8	1,417.50				Average	
		166+00.00	2217	793,903.9	836,800.4	1,416.50				Average	
		164+00.00	2216	793,709.4	836,843.2	1,415.50				Average	
		162+00.00	2215	793,516.1	836,891.1	1,414.50				Average	
		160+00.00	2214	793,324.0	836,944.0	1,413.60				Average	
		158+00.00	2213	793,133.5	837,001.9	1,412.60				Average	
		156+00.00	2212	792,944.5	837,064.8	1,411.60				Average	
		154+00.00	2211	792,757.2	837,132.6	1,410.60				Average	
		152+00.00	2210	792,571.7	837,205.3	1,409.60				Average	
		150+00.00	2209	792,388.3	837,282.8	1,408.60				Average	
		148+00.00	2208	792,206.9	837,365.1	1,407.70					
SR24_WB_Out_5	36.0	point2943	2943	798,487.4	836,640.9	1,448.90				Average	
		210+00.00	2627	798,287.4	836,642.7	1,443.10				Average	

		208+00.00	2626	798,087.4	836,644.4	1,438.90				Average	
		206+00.00	2625	797,887.4	836,646.1	1,436.90				Average	
		204+00.00	2624	797,687.4	836,647.9	1,437.20				Average	
		202+00.00	2623	797,487.4	836,649.6	1,439.80				Average	
		200+00.00	2622	797,287.4	836,651.3	1,444.20				Average	
		198+00.00	2621	797,087.4	836,653.1	1,447.60				Average	
		196+00.00	2620	796,887.4	836,654.8	1,449.50				Average	Y
		194+00.00	2619	796,687.4	836,656.5	1,449.80				Average	Y
		192+00.00	2618	796,487.4	836,658.3	1,448.60				Average	Y
		190+00.00	2617	796,287.4	836,660.0	1,445.80				Average	
		188+00.00	2616	796,087.4	836,661.7	1,441.40				Average	
		186+00.00	2615	795,887.5	836,663.5	1,435.80				Average	
		184+00.00	2614	795,687.5	836,665.2	1,430.70				Average	
		182+00.00	2613	795,487.5	836,666.9	1,426.80				Average	
		180+00.00	2612	795,288.1	836,669.2	1,424.00				Average	
		178+00.00	2611	795,089.7	836,675.7	1,422.40				Average	
		176+00.00	2610	794,891.5	836,687.5	1,421.40				Average	
		174+00.00	2609	794,693.6	836,704.5	1,420.50				Average	
		172+00.00	2608	794,496.3	836,726.7	1,419.50					
SR24_WB_ln_5	36.0	point2944	2944	798,487.1	836,616.9	1,448.90				Average	
		210+00.00	2239	798,287.2	836,618.7	1,443.10				Average	
		208+00.00	2238	798,087.2	836,620.4	1,438.90				Average	
		206+00.00	2237	797,887.2	836,622.1	1,436.90				Average	
		204+00.00	2236	797,687.2	836,623.9	1,437.20				Average	
		202+00.00	2235	797,487.2	836,625.6	1,439.80				Average	
		200+00.00	2234	797,287.2	836,627.3	1,444.20				Average	
		198+00.00	2233	797,087.2	836,629.1	1,447.60				Average	
		196+00.00	2232	796,887.2	836,630.8	1,449.50				Average	Y
		194+00.00	2231	796,687.2	836,632.5	1,449.80				Average	Y
		192+00.00	2230	796,487.2	836,634.3	1,448.60				Average	Y
		190+00.00	2229	796,287.2	836,636.0	1,445.80				Average	
		188+00.00	2228	796,087.2	836,637.7	1,441.40				Average	
		186+00.00	2227	795,887.2	836,639.5	1,435.80				Average	
		184+00.00	2226	795,687.3	836,641.2	1,430.70				Average	
		182+00.00	2225	795,487.3	836,642.9	1,426.80				Average	
		180+00.00	2224	795,287.6	836,645.2	1,424.00				Average	
		178+00.00	2223	795,088.6	836,651.8	1,422.40				Average	
		176+00.00	2222	794,889.7	836,663.6	1,421.40				Average	
		174+00.00	2221	794,691.3	836,680.6	1,420.50				Average	

		172+00.00	2220	794,493.3	836,702.8	1,419.50					
Signal Butte Rd NB	24.0	point3010	3010	796,753.5	836,389.4	1,424.90				Average	
		22+12.563	2736	796,750.4	836,813.4	1,425.30					
Signal Butte Rd NB_down	24.0	point3011	3011	796,750.4	836,813.4	1,425.30				Average	
		27+21.053	2737	796,737.8	837,235.0	1,425.70					
Signal Butte Rd SB	24.0	point3012	3012	796,679.5	836,809.0	1,425.30				Average	
		7+62.109	2732	796,684.5	836,390.6	1,424.90					
Signal Butte Rd SB_down	24.0	point3013	3013	796,684.5	836,390.6	1,424.90				Average	
		13+36.973	2733	796,696.3	835,901.3	1,423.40					
Williams Field Rd EB	24.0	point3014	3014	789,789.4	838,812.8	1,400.30				Average	
		22+66.871	2745	790,150.0	839,011.8	1,400.30					
Williams Field Rd EB_down	24.0	point3015	3015	790,150.0	839,011.8	1,400.30				Average	
		26+55.733	2746	790,430.6	839,172.2	1,400.50					
Williams Field Rd WB	24.0	point3016	3016	790,102.7	839,071.0	1,400.00				Average	
		9+98.802	2741	789,742.2	838,871.1	1,398.80					
Williams Field Rd WB_down	24.0	point3017	3017	789,742.2	838,871.1	1,398.80				Average	
		14+59.315	2742	789,404.4	838,672.8	1,396.70					
Williams Field Rd WB_up-2	24.0	point3043	3043	790,407.3	839,226.9	1,400.70				Average	
		5+80.920	2740	790,102.7	839,071.0	1,400.00					
Crismon NB	12.0	40+00.000	3044	791,525.9	837,071.1	1,417.40				Average	
		42+00.000	3045	791,527.3	837,271.1	1,424.40				Average	
		42+46.851	3046	791,527.6	837,318.0	1,425.80				Average	Y
		44+00.000	3047	791,528.6	837,471.1	1,429.30				Average	Y
		46+00.000	3048	791,529.9	837,671.1	1,431.10				Average	Y
		point3064	3064	791,530.6	837,771.1	1,430.40				Average	Y
		point3083	3049	791,530.9	837,804.4	1,430.20					
Crismon SB-2	24.0	54+00.000	3054	791,508.1	838,474.7	1,411.30				Average	
		52+54.199	3055	791,507.1	838,328.9	1,416.30				Average	
		52+00.000	3056	791,506.8	838,274.7	1,418.20				Average	
		50+00.000	3057	791,505.4	838,074.7	1,425.20				Average	Y
		48+00.000	3058	791,504.1	837,874.7	1,429.70					
Crismon NB-2	12.0	point3066	3066	791,531.4	837,871.1	1,429.70				Average	Y
		50+00.000	3050	791,532.8	838,071.1	1,425.20				Average	Y
		52+00.000	3051	791,534.1	838,271.1	1,418.20				Average	
		52+54.199	3052	791,534.4	838,325.3	1,416.30				Average	
		54+00.000	3053	791,535.4	838,471.1	1,411.30					
Crismon SB-2-2	24.0	point3089	3067	791,503.6	837,808.0	1,430.20				Average	Y
		point3065	3065	791,503.4	837,774.7	1,430.40				Average	Y
		46+00.000	3059	791,502.6	837,674.7	1,431.10				Average	Y

		44+00.000	3060	791,501.3	837,474.7	1,429.30				Average	Y
		42+46.851	3061	791,500.3	837,321.6	1,425.80				Average	Y
		42+00.000	3062	791,499.9	837,274.7	1,424.40				Average	
		40+00.000	3063	791,498.6	837,074.7	1,417.40					

AZTEC **1 May 2025**
AZTEC **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **F0719 SR24, SR 202L to Ironwood Drive**
RUN: **SR24, 2050 Build**

Roadway	Points											
Name	Name	No.	Segment									
			Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Williams Field EB OnRamp	0+00.000	1796	338	50	14	50	4	50	0	0	0	0
	2+00.000	1797	338	50	14	50	4	50	0	0	0	0
	4+00.000	1798	338	50	14	50	4	50	0	0	0	0
	6+00.000	1799	338	50	14	50	4	50	0	0	0	0
	8+00.000	1800	338	50	14	50	4	50	0	0	0	0
	10+00.000	1801	338	50	14	50	4	50	0	0	0	0
	12+00.000	1802	338	50	14	50	4	50	0	0	0	0
	14+00.000	1803	338	50	14	50	4	50	0	0	0	0
	16+00.000	1804	338	50	14	50	4	50	0	0	0	0
	18+00.000	1805	338	50	14	50	4	50	0	0	0	0
	20+00.000	1806	338	50	14	50	4	50	0	0	0	0
	22+00.000	1807	338	50	14	50	4	50	0	0	0	0
	24+00.000	1808										
Williams Field EB OffRamp	0+00.000	1809	1008	50	96	50	12	50	0	0	0	0
	2+00.000	1810	1008	50	96	50	12	50	0	0	0	0
	4+00.000	1811	1008	50	96	50	12	50	0	0	0	0
	6+00.000	1812	1008	50	96	50	12	50	0	0	0	0
	8+00.000	1813	1008	50	96	50	12	50	0	0	0	0
	10+00.000	1814	1008	50	96	50	12	50	0	0	0	0
	12+00.000	1815	1008	50	96	50	12	50	0	0	0	0
	14+00.000	1816	1008	50	96	50	12	50	0	0	0	0
	16+00.000	1817	1008	50	96	50	12	50	0	0	0	0
	18+00.000	1818	1008	50	96	50	12	50	0	0	0	0

	20+00.000	1819	1008	50	96	50	12	50	0	0	0	0
	22+00.000	1820										
Williams Field WB OffRamp	26+00.000	1834	357	50	18	50	4	50	0	0	0	0
	24+00.000	1833	357	50	18	50	4	50	0	0	0	0
	22+00.000	1832	357	50	18	50	4	50	0	0	0	0
	20+00.000	1831	357	50	18	50	4	50	0	0	0	0
	18+00.000	1830	357	50	18	50	4	50	0	0	0	0
	16+00.000	1829	357	50	18	50	4	50	0	0	0	0
	14+00.000	1828	357	50	18	50	4	50	0	0	0	0
	12+00.000	1827	357	50	18	50	4	50	0	0	0	0
	10+00.000	1826	357	50	18	50	4	50	0	0	0	0
	8+00.000	1825	357	50	18	50	4	50	0	0	0	0
	6+00.000	1824	357	50	18	50	4	50	0	0	0	0
	4+00.000	1823	357	50	18	50	4	50	0	0	0	0
	2+00.000	1822	357	50	18	50	4	50	0	0	0	0
	0+00.000	1821										
Williams Field WB OnRamp	20+00.000	1845	1137	50	124	50	17	50	0	0	0	0
	18+00.000	1844	1137	50	124	50	17	50	0	0	0	0
	16+00.000	1843	1137	50	124	50	17	50	0	0	0	0
	14+00.000	1842	1137	50	124	50	17	50	0	0	0	0
	12+00.000	1841	1137	50	124	50	17	50	0	0	0	0
	10+00.000	1840	1137	50	124	50	17	50	0	0	0	0
	8+00.000	1839	1137	50	124	50	17	50	0	0	0	0
	6+00.000	1838	1137	50	124	50	17	50	0	0	0	0
	4+00.000	1837	1137	50	124	50	17	50	0	0	0	0
	2+00.000	1836	1137	50	124	50	17	50	0	0	0	0
	0+00.000	1835										
Signal Butte EB OnRamp	0+00.000	1868	318	50	9	50	2	50	0	0	0	0
	2+00.000	1869	318	50	9	50	2	50	0	0	0	0
	4+00.000	1870	318	50	9	50	2	50	0	0	0	0
	6+00.000	1871	318	50	9	50	2	50	0	0	0	0
	8+00.000	1872	318	50	9	50	2	50	0	0	0	0
	10+00.000	1873	318	50	9	50	2	50	0	0	0	0
	12+00.000	1874	318	50	9	50	2	50	0	0	0	0
	14+00.000	1875	318	50	9	50	2	50	0	0	0	0
	16+00.000	1876	318	50	9	50	2	50	0	0	0	0

	18+00.000	1877										
Signal Butte WB OffRamp	18+00.000	1887	486	50	15	50	5	50	0	0	0	0
	16+00.000	1886	486	50	15	50	5	50	0	0	0	0
	14+00.000	1885	486	50	15	50	5	50	0	0	0	0
	12+00.000	1884	486	50	15	50	5	50	0	0	0	0
	10+00.000	1883	486	50	15	50	5	50	0	0	0	0
	8+00.000	1882	486	50	15	50	5	50	0	0	0	0
	6+00.000	1881	486	50	15	50	5	50	0	0	0	0
	4+00.000	1880	486	50	15	50	5	50	0	0	0	0
	2+00.000	1879	486	50	15	50	5	50	0	0	0	0
	0+00.000	1878										
Signal Butte Rd SB_up	0+00.000	2730	1217	50	35	50	7	50	0	0	0	0
	3+68.136	2731										
Williams Field Rd EB_up	point2804	2804	637	50	42	50	5	50	0	0	0	0
	18+56.254	2744										
Signal Butte Rd NB_up	point2806	2806	1808	50	121	50	29	50	0	0	0	0
	18+16.986	2735										
Signal Butte WB OnRamp	point2847	2847	85	50	7	50	0	0	0	0	0	0
	point2846	2846	85	50	7	50	0	0	0	0	0	0
	18+00.000	1855	85	50	7	50	0	0	0	0	0	0
	16+00.000	1854	85	50	7	50	0	0	0	0	0	0
	14+00.000	1853	85	50	7	50	0	0	0	0	0	0
	12+00.000	1852	85	50	7	50	0	0	0	0	0	0
	10+00.000	1851	85	50	7	50	0	0	0	0	0	0
	8+00.000	1850	85	50	7	50	0	0	0	0	0	0
	6+00.000	1849	85	50	7	50	0	0	0	0	0	0
	4+00.000	1848	85	50	7	50	0	0	0	0	0	0
	2+00.000	1847	85	50	7	50	0	0	0	0	0	0
	0+00.000	1846										
Signal Butte EB OffRamp	0+00.000	1857	721	50	87	50	23	50	0	0	0	0
	2+00.000	1858	721	50	87	50	23	50	0	0	0	0
	4+00.000	1859	721	50	87	50	23	50	0	0	0	0
	6+00.000	1860	721	50	87	50	23	50	0	0	0	0
	8+00.000	1861	721	50	87	50	23	50	0	0	0	0
	10+00.000	1862	721	50	87	50	23	50	0	0	0	0
	12+00.000	1863	721	50	87	50	23	50	0	0	0	0

	14+00.000	1864	721	50	87	50	23	50	0	0	0	0
	16+00.000	1865	721	50	87	50	23	50	0	0	0	0
	18+00.000	1866	721	50	87	50	23	50	0	0	0	0
	point2848	2848	721	50	87	50	23	50	0	0	0	0
	point2849	2849										
SR24_EB_Out_4	point2931	2931	2375	70	434	70	92	70	0	0	0	0
	100+00.000	2407	2375	70	434	70	92	70	0	0	0	0
	102+00.000	2408	2375	70	434	70	92	70	0	0	0	0
	104+00.000	2409	2375	70	434	70	92	70	0	0	0	0
	106+00.000	2410	2375	70	434	70	92	70	0	0	0	0
	108+00.000	2411	2375	70	434	70	92	70	0	0	0	0
	110+00.000	2412	2375	70	434	70	92	70	0	0	0	0
	112+00.000	2413	2375	70	434	70	92	70	0	0	0	0
	114+00.000	2414	2375	70	434	70	92	70	0	0	0	0
	116+00.000	2415	2375	70	434	70	92	70	0	0	0	0
	118+00.000	2416	2375	70	434	70	92	70	0	0	0	0
	120+00.000	2417	2375	70	434	70	92	70	0	0	0	0
	122+00.000	2418	2375	70	434	70	92	70	0	0	0	0
	124+00.000	2419	2375	70	434	70	92	70	0	0	0	0
	126+00.000	2420	2375	70	434	70	92	70	0	0	0	0
	128+00.000	2421	2375	70	434	70	92	70	0	0	0	0
	130+00.000	2422	2375	70	434	70	92	70	0	0	0	0
	132+00.000	2423	2375	70	434	70	92	70	0	0	0	0
	134+00.000	2424	2375	70	434	70	92	70	0	0	0	0
	136+00.000	2425	2375	70	434	70	92	70	0	0	0	0
	138+00.000	2426	2375	70	434	70	92	70	0	0	0	0
	140+00.000	2427	2375	70	434	70	92	70	0	0	0	0
	142+00.000	2428	2375	70	434	70	92	70	0	0	0	0
	144+00.000	2429										
SR24_EB_In_4	point2932	2932	2375	70	434	70	92	70	0	0	0	0
	100+00.000	2019	2375	70	434	70	92	70	0	0	0	0
	102+00.000	2020	2375	70	434	70	92	70	0	0	0	0
	104+00.000	2021	2375	70	434	70	92	70	0	0	0	0
	106+00.000	2022	2375	70	434	70	92	70	0	0	0	0
	108+00.000	2023	2375	70	434	70	92	70	0	0	0	0
	110+00.000	2024	2375	70	434	70	92	70	0	0	0	0

	112+00.000	2025	2375	70	434	70	92	70	0	0	0	0
	114+00.000	2026	2375	70	434	70	92	70	0	0	0	0
	116+00.000	2027	2375	70	434	70	92	70	0	0	0	0
	118+00.000	2028	2375	70	434	70	92	70	0	0	0	0
	120+00.000	2029	2375	70	434	70	92	70	0	0	0	0
	122+00.000	2030	2375	70	434	70	92	70	0	0	0	0
	124+00.000	2031	2375	70	434	70	92	70	0	0	0	0
	126+00.000	2032	2375	70	434	70	92	70	0	0	0	0
	128+00.000	2033	2375	70	434	70	92	70	0	0	0	0
	130+00.000	2034	2375	70	434	70	92	70	0	0	0	0
	132+00.000	2035	2375	70	434	70	92	70	0	0	0	0
	134+00.000	2036	2375	70	434	70	92	70	0	0	0	0
	136+00.000	2037	2375	70	434	70	92	70	0	0	0	0
	138+00.000	2038	2375	70	434	70	92	70	0	0	0	0
	140+00.000	2039	2375	70	434	70	92	70	0	0	0	0
	142+00.000	2040	2375	70	434	70	92	70	0	0	0	0
	144+00.000	2041										
SR24_EB_Out_5	point2935	2935	2524	70	457	70	98	70	0	0	0	0
	146+00.000	2430	2524	70	457	70	98	70	0	0	0	0
	148+00.000	2431	2524	70	457	70	98	70	0	0	0	0
	150+00.000	2432	2524	70	457	70	98	70	0	0	0	0
	152+00.000	2433	2524	70	457	70	98	70	0	0	0	0
	154+00.000	2434	2524	70	457	70	98	70	0	0	0	0
	156+00.000	2435	2524	70	457	70	98	70	0	0	0	0
	158+00.000	2436	2524	70	457	70	98	70	0	0	0	0
	160+00.000	2437	2524	70	457	70	98	70	0	0	0	0
	162+00.000	2438	2524	70	457	70	98	70	0	0	0	0
	164+00.000	2439	2524	70	457	70	98	70	0	0	0	0
	166+00.000	2440	2524	70	457	70	98	70	0	0	0	0
	168+00.000	2441	2524	70	457	70	98	70	0	0	0	0
	170+00.000	2442	2524	70	457	70	98	70	0	0	0	0
	172+00.000	2443										
SR24_EB_In_5	point2936	2936	2524	70	457	70	98	70	0	0	0	0
	146+00.000	2042	2524	70	457	70	98	70	0	0	0	0
	148+00.000	2043	2524	70	457	70	98	70	0	0	0	0
	150+00.000	2044	2524	70	457	70	98	70	0	0	0	0

	152+00.000	2045	2524	70	457	70	98	70	0	0	0	0
	154+00.000	2046	2524	70	457	70	98	70	0	0	0	0
	156+00.000	2047	2524	70	457	70	98	70	0	0	0	0
	158+00.000	2048	2524	70	457	70	98	70	0	0	0	0
	160+00.000	2049	2524	70	457	70	98	70	0	0	0	0
	162+00.000	2050	2524	70	457	70	98	70	0	0	0	0
	164+00.000	2051	2524	70	457	70	98	70	0	0	0	0
	166+00.000	2052	2524	70	457	70	98	70	0	0	0	0
	168+00.000	2053	2524	70	457	70	98	70	0	0	0	0
	170+00.000	2054	2524	70	457	70	98	70	0	0	0	0
	172+00.000	2055										
SR24_WB_Out_7	point2937	2937	2395	70	357	70	50	70	0	0	0	0
	146+00.000	2595	2395	70	357	70	50	70	0	0	0	0
	144+00.000	2594	2395	70	357	70	50	70	0	0	0	0
	142+00.000	2593	2395	70	357	70	50	70	0	0	0	0
	140+00.000	2592	2395	70	357	70	50	70	0	0	0	0
	138+00.000	2591	2395	70	357	70	50	70	0	0	0	0
	136+00.000	2590	2395	70	357	70	50	70	0	0	0	0
	134+00.000	2589	2395	70	357	70	50	70	0	0	0	0
	132+00.000	2588	2395	70	357	70	50	70	0	0	0	0
	130+00.000	2587	2395	70	357	70	50	70	0	0	0	0
	128+00.000	2586	2395	70	357	70	50	70	0	0	0	0
	126+00.000	2585	2395	70	357	70	50	70	0	0	0	0
	124+00.000	2584	2395	70	357	70	50	70	0	0	0	0
	122+00.000	2583	2395	70	357	70	50	70	0	0	0	0
	120+00.000	2582	2395	70	357	70	50	70	0	0	0	0
	118+00.000	2581	2395	70	357	70	50	70	0	0	0	0
	116+00.000	2580	2395	70	357	70	50	70	0	0	0	0
	114+00.000	2579	2395	70	357	70	50	70	0	0	0	0
	112+00.000	2578	2395	70	357	70	50	70	0	0	0	0
	110+00.000	2577	2395	70	357	70	50	70	0	0	0	0
	108+00.000	2576	2395	70	357	70	50	70	0	0	0	0
	106+00.000	2575	2395	70	357	70	50	70	0	0	0	0
	104+00.000	2574	2395	70	357	70	50	70	0	0	0	0
	102+00.000	2573	2395	70	357	70	50	70	0	0	0	0
	100+00.000	2572										

SR24_WB_In_7	point2938	2938	2395	70	357	70	50	70	0	0	0	0
	146+00.000	2207	2395	70	357	70	50	70	0	0	0	0
	144+00.000	2206	2395	70	357	70	50	70	0	0	0	0
	142+00.000	2205	2395	70	357	70	50	70	0	0	0	0
	140+00.000	2204	2395	70	357	70	50	70	0	0	0	0
	138+00.000	2203	2395	70	357	70	50	70	0	0	0	0
	136+00.000	2202	2395	70	357	70	50	70	0	0	0	0
	134+00.000	2201	2395	70	357	70	50	70	0	0	0	0
	132+00.000	2200	2395	70	357	70	50	70	0	0	0	0
	130+00.000	2199	2395	70	357	70	50	70	0	0	0	0
	128+00.000	2198	2395	70	357	70	50	70	0	0	0	0
	126+00.000	2197	2395	70	357	70	50	70	0	0	0	0
	124+00.000	2196	2395	70	357	70	50	70	0	0	0	0
	122+00.000	2195	2395	70	357	70	50	70	0	0	0	0
	120+00.000	2194	2395	70	357	70	50	70	0	0	0	0
	118+00.000	2193	2395	70	357	70	50	70	0	0	0	0
	116+00.000	2192	2395	70	357	70	50	70	0	0	0	0
	114+00.000	2191	2395	70	357	70	50	70	0	0	0	0
	112+00.000	2190	2395	70	357	70	50	70	0	0	0	0
	110+00.000	2189	2395	70	357	70	50	70	0	0	0	0
	108+00.000	2188	2395	70	357	70	50	70	0	0	0	0
	106+00.000	2187	2395	70	357	70	50	70	0	0	0	0
	104+00.000	2186	2395	70	357	70	50	70	0	0	0	0
	102+00.000	2185	2395	70	357	70	50	70	0	0	0	0
	100+00.000	2184										
SR24_EB_Out_6	point2939	2939	2195	70	386	70	83	70	0	0	0	0
	174+00.000	2444	2195	70	386	70	83	70	0	0	0	0
	176+00.000	2445	2195	70	386	70	83	70	0	0	0	0
	178+00.000	2446	2195	70	386	70	83	70	0	0	0	0
	180+00.000	2447	2195	70	386	70	83	70	0	0	0	0
	182+00.000	2448	2195	70	386	70	83	70	0	0	0	0
	184+00.000	2449	2195	70	386	70	83	70	0	0	0	0
	186+00.000	2450	2195	70	386	70	83	70	0	0	0	0
	188+00.000	2451	2195	70	386	70	83	70	0	0	0	0
	190+00.000	2452	2195	70	386	70	83	70	0	0	0	0
	192+00.000	2453	2195	70	386	70	83	70	0	0	0	0

	194+00.000	2454	2195	70	386	70	83	70	0	0	0	0
	196+00.000	2455	2195	70	386	70	83	70	0	0	0	0
	198+00.000	2456	2195	70	386	70	83	70	0	0	0	0
	200+00.000	2457	2195	70	386	70	83	70	0	0	0	0
	202+00.000	2458	2195	70	386	70	83	70	0	0	0	0
	204+00.000	2459	2195	70	386	70	83	70	0	0	0	0
	206+00.000	2460	2195	70	386	70	83	70	0	0	0	0
	208+00.000	2461	2195	70	386	70	83	70	0	0	0	0
	210+00.000	2462	2195	70	386	70	83	70	0	0	0	0
	212+00.000	2463										
SR24_EB_In_6	point2940	2940	2195	70	386	70	83	70	0	0	0	0
	174+00.000	2056	2195	70	386	70	83	70	0	0	0	0
	176+00.000	2057	2195	70	386	70	83	70	0	0	0	0
	178+00.000	2058	2195	70	386	70	83	70	0	0	0	0
	180+00.000	2059	2195	70	386	70	83	70	0	0	0	0
	182+00.000	2060	2195	70	386	70	83	70	0	0	0	0
	184+00.000	2061	2195	70	386	70	83	70	0	0	0	0
	186+00.000	2062	2195	70	386	70	83	70	0	0	0	0
	188+00.000	2063	2195	70	386	70	83	70	0	0	0	0
	190+00.000	2064	2195	70	386	70	83	70	0	0	0	0
	192+00.000	2065	2195	70	386	70	83	70	0	0	0	0
	194+00.000	2066	2195	70	386	70	83	70	0	0	0	0
	196+00.000	2067	2195	70	386	70	83	70	0	0	0	0
	198+00.000	2068	2195	70	386	70	83	70	0	0	0	0
	200+00.000	2069	2195	70	386	70	83	70	0	0	0	0
	202+00.000	2070	2195	70	386	70	83	70	0	0	0	0
	204+00.000	2071	2195	70	386	70	83	70	0	0	0	0
	206+00.000	2072	2195	70	386	70	83	70	0	0	0	0
	208+00.000	2073	2195	70	386	70	83	70	0	0	0	0
	210+00.000	2074	2195	70	386	70	83	70	0	0	0	0
	212+00.000	2075										
SR24_WB_Out_6	point2941	2941	2577	70	362	70	52	70	0	0	0	0
	170+00.000	2607	2577	70	362	70	52	70	0	0	0	0
	168+00.000	2606	2577	70	362	70	52	70	0	0	0	0
	166+00.000	2605	2577	70	362	70	52	70	0	0	0	0
	164+00.000	2604	2577	70	362	70	52	70	0	0	0	0

	162+00.000	2603	2577	70	362	70	52	70	0	0	0	0
	160+00.000	2602	2577	70	362	70	52	70	0	0	0	0
	158+00.000	2601	2577	70	362	70	52	70	0	0	0	0
	156+00.000	2600	2577	70	362	70	52	70	0	0	0	0
	154+00.000	2599	2577	70	362	70	52	70	0	0	0	0
	152+00.000	2598	2577	70	362	70	52	70	0	0	0	0
	150+00.000	2597	2577	70	362	70	52	70	0	0	0	0
	148+00.000	2596										
SR24_WB_In_6	point2942	2942	2577	70	362	70	52	70	0	0	0	0
	170+00.000	2219	2577	70	362	70	52	70	0	0	0	0
	168+00.000	2218	2577	70	362	70	52	70	0	0	0	0
	166+00.000	2217	2577	70	362	70	52	70	0	0	0	0
	164+00.000	2216	2577	70	362	70	52	70	0	0	0	0
	162+00.000	2215	2577	70	362	70	52	70	0	0	0	0
	160+00.000	2214	2577	70	362	70	52	70	0	0	0	0
	158+00.000	2213	2577	70	362	70	52	70	0	0	0	0
	156+00.000	2212	2577	70	362	70	52	70	0	0	0	0
	154+00.000	2211	2577	70	362	70	52	70	0	0	0	0
	152+00.000	2210	2577	70	362	70	52	70	0	0	0	0
	150+00.000	2209	2577	70	362	70	52	70	0	0	0	0
	148+00.000	2208										
SR24_WB_Out_5	point2943	2943	2534	70	358	70	52	70	0	0	0	0
	210+00.000	2627	2534	70	358	70	52	70	0	0	0	0
	208+00.000	2626	2534	70	358	70	52	70	0	0	0	0
	206+00.000	2625	2534	70	358	70	52	70	0	0	0	0
	204+00.000	2624	2534	70	358	70	52	70	0	0	0	0
	202+00.000	2623	2534	70	358	70	52	70	0	0	0	0
	200+00.000	2622	2534	70	358	70	52	70	0	0	0	0
	198+00.000	2621	2534	70	358	70	52	70	0	0	0	0
	196+00.000	2620	2534	70	358	70	52	70	0	0	0	0
	194+00.000	2619	2534	70	358	70	52	70	0	0	0	0
	192+00.000	2618	2534	70	358	70	52	70	0	0	0	0
	190+00.000	2617	2534	70	358	70	52	70	0	0	0	0
	188+00.000	2616	2534	70	358	70	52	70	0	0	0	0
	186+00.000	2615	2534	70	358	70	52	70	0	0	0	0
	184+00.000	2614	2534	70	358	70	52	70	0	0	0	0

	182+00.000	2613	2534	70	358	70	52	70	0	0	0	0
	180+00.000	2612	2534	70	358	70	52	70	0	0	0	0
	178+00.000	2611	2534	70	358	70	52	70	0	0	0	0
	176+00.000	2610	2534	70	358	70	52	70	0	0	0	0
	174+00.000	2609	2534	70	358	70	52	70	0	0	0	0
	172+00.000	2608										
SR24_WB_ln_5	point2944	2944	2534	70	358	70	52	70	0	0	0	0
	210+00.000	2239	2534	70	358	70	52	70	0	0	0	0
	208+00.000	2238	2534	70	358	70	52	70	0	0	0	0
	206+00.000	2237	2534	70	358	70	52	70	0	0	0	0
	204+00.000	2236	2534	70	358	70	52	70	0	0	0	0
	202+00.000	2235	2534	70	358	70	52	70	0	0	0	0
	200+00.000	2234	2534	70	358	70	52	70	0	0	0	0
	198+00.000	2233	2534	70	358	70	52	70	0	0	0	0
	196+00.000	2232	2534	70	358	70	52	70	0	0	0	0
	194+00.000	2231	2534	70	358	70	52	70	0	0	0	0
	192+00.000	2230	2534	70	358	70	52	70	0	0	0	0
	190+00.000	2229	2534	70	358	70	52	70	0	0	0	0
	188+00.000	2228	2534	70	358	70	52	70	0	0	0	0
	186+00.000	2227	2534	70	358	70	52	70	0	0	0	0
	184+00.000	2226	2534	70	358	70	52	70	0	0	0	0
	182+00.000	2225	2534	70	358	70	52	70	0	0	0	0
	180+00.000	2224	2534	70	358	70	52	70	0	0	0	0
	178+00.000	2223	2534	70	358	70	52	70	0	0	0	0
	176+00.000	2222	2534	70	358	70	52	70	0	0	0	0
	174+00.000	2221	2534	70	358	70	52	70	0	0	0	0
	172+00.000	2220										
Signal Butte Rd NB	point3010	3010	1595	50	121	50	28	50	0	0	0	0
	22+12.563	2736										
Signal Butte Rd NB_down	point3011	3011	1203	50	39	50	8	50	0	0	0	0
	27+21.053	2737										
Signal Butte Rd SB	point3012	3012	1534	50	40	50	8	50	0	0	0	0
	7+62.109	2732										
Signal Butte Rd SB_down	point3013	3013	1943	50	147	50	33	50	0	0	0	0
	13+36.973	2733										
Williams Field Rd EB	point3014	3014	1175	50	100	50	13	50	0	0	0	0

	22+66.871	2745										
Williams Field Rd EB_down	point3015	3015	1071	50	79	50	12	50	0	0	0	0
	26+55.733	2746										
Williams Field Rd WB	point3016	3016	527	50	26	50	4	50	0	0	0	0
	9+98.802	2741										
Williams Field Rd WB_down	point3017	3017	660	50	50	50	5	50	0	0	0	0
	14+59.315	2742										
Williams Field Rd WB_up-2	point3043	3043	1203	50	111	50	17	50	0	0	0	0
	5+80.920	2740										
Crismon NB	40+00.000	3044	1288	50	81	50	14	50	0	0	0	0
	42+00.000	3045	1288	50	81	50	14	50	0	0	0	0
	42+46.851	3046	1288	50	81	50	14	50	0	0	0	0
	44+00.000	3047	1288	50	81	50	14	50	0	0	0	0
	46+00.000	3048	1288	50	81	50	14	50	0	0	0	0
	point3064	3064	1288	50	81	50	14	50	0	0	0	0
	point3083	3049										
Crismon SB-2	54+00.000	3054	1246	50	56	50	8	50	0	0	0	0
	52+54.199	3055	1246	50	56	50	8	50	0	0	0	0
	52+00.000	3056	1246	50	56	50	8	50	0	0	0	0
	50+00.000	3057	1246	50	56	50	8	50	0	0	0	0
	48+00.000	3058										
Crismon NB-2	point3066	3066	1288	50	81	50	14	50	0	0	0	0
	50+00.000	3050	1288	50	81	50	14	50	0	0	0	0
	52+00.000	3051	1288	50	81	50	14	50	0	0	0	0
	52+54.199	3052	1288	50	81	50	14	50	0	0	0	0
	54+00.000	3053										
Crismon SB-2-2	point3089	3067	1246	50	56	50	8	50	0	0	0	0
	point3065	3065	1246	50	56	50	8	50	0	0	0	0
	46+00.000	3059	1246	50	56	50	8	50	0	0	0	0
	44+00.000	3060	1246	50	56	50	8	50	0	0	0	0
	42+46.851	3061	1246	50	56	50	8	50	0	0	0	0
	42+00.000	3062	1246	50	56	50	8	50	0	0	0	0
	40+00.000	3063										

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
PW26	W	0.00	99.99	0.00				0.00	point490	490	791,977.9	838,245.2	1,409.45	6.00	0.00	0	0		
									point491	491	791,977.6	838,108.1	1,409.45	6.00					
PW27	W	0.00	99.99	0.00				0.00	point551	551	791,980.0	838,040.0	1,409.45	6.00	0.00	0	0		
									point494	494	791,977.5	837,887.8	1,409.45	6.00	0.00	0	0		
									point495	495	792,135.6	837,888.1	1,409.45	6.00	0.00	0	0		
									point496	496	792,308.7	837,886.6	1,409.45	6.00	0.00	0	0		
									point497	497	792,306.5	837,743.3	1,409.45	6.00					
PW28	W	0.00	99.99	0.00				0.00	point553	553	792,421.3	837,679.2	1,409.45	6.00	0.00	0	0		
									point500	500	792,421.8	837,635.4	1,409.45	6.00	0.00	0	0		
									point501	501	792,470.2	837,634.8	1,409.45	6.00					
PW29	W	0.00	99.99	0.00				0.00	point555	555	792,461.6	837,609.7	1,409.45	6.00	0.00	0	0		
									point504	504	792,461.7	837,538.8	1,410.27	6.00	0.00	0	0		
									point505	505	792,583.4	837,537.5	1,410.29	6.00	0.00	0	0		
									point506	506	792,717.3	837,536.5	1,410.29	6.00	0.00	0	0		
									point507	507	792,771.6	837,535.8	1,410.29	6.00	0.00	0	0		
									point508	508	792,770.7	837,477.1	1,410.29	6.00	0.00	0	0		
									point509	509	792,770.2	837,413.6	1,410.42	6.00	0.00	0	0		
									point510	510	792,839.3	837,412.2	1,412.33	6.00					
PW30	W	0.00	99.99	0.00				0.00	point557	557	792,867.0	837,421.6	1,412.44	6.00	0.00	0	0		
									point513	513	792,866.4	837,374.1	1,410.42	6.00	0.00	0	0		
									point514	514	792,912.3	837,373.3	1,412.55	6.00					
PW31	W	0.00	99.99	0.00				0.00	point559	559	792,984.9	837,385.1	1,408.75	6.00	0.00	0	0		
									point517	517	793,117.1	837,385.7	1,408.75	6.00	0.00	0	0		
									point518	518	793,118.2	837,541.0	1,408.75	6.00					
PW32	W	0.00	99.99	0.00				0.00	point561	561	793,261.7	837,338.9	1,408.75	6.00	0.00	0	0		
									point521	521	793,547.2	837,335.9	1,408.75	6.00					
PW33	W	0.00	99.99	0.00				0.00	point563	563	793,585.4	837,298.5	1,408.75	6.00	0.00	0	0		
									point524	524	793,584.8	837,228.3	1,408.75	6.00	0.00	0	0		
									point525	525	793,598.9	837,214.8	1,408.75	6.00	0.00	0	0		
									point526	526	793,746.4	837,211.2	1,408.75	6.00	0.00	0	0		
									point527	527	793,883.0	837,208.7	1,408.75	6.00	0.00	0	0		
									point528	528	793,891.0	837,220.8	1,408.75	6.00	0.00	0	0		
									point529	529	793,891.1	837,293.2	1,408.75	6.00					
PW34	W	0.00	99.99	0.00				0.00	point565	565	793,962.8	837,197.0	1,408.75	6.00	0.00	0	0		
									point531	531	793,962.9	837,141.9	1,408.75	6.00	0.00	0	0		

									point532	532	794,076.2	837,139.2	1,408.75	6.00						
PW35	W	0.00	99.99	0.00				0.00	point567	567	794,142.8	837,064.1	1,414.55	6.00	0.00	0	0			
									point535	535	794,313.0	837,063.2	1,414.55	6.00	0.00	0	0			
									point536	536	794,312.1	837,103.2	1,414.55	6.00	0.00	0	0			
									point537	537	794,322.7	837,103.3	1,414.55	6.00	0.00	0	0			
									point538	538	794,320.8	837,175.9	1,414.55	6.00						
PW36	W	0.00	99.99	0.00				0.00	point569	569	794,577.1	837,086.7	1,414.55	6.00	0.00	0	0			
									point543	543	794,576.9	836,945.8	1,414.47	6.00	0.00	0	0			
									point544	544	794,767.0	836,941.2	1,416.37	6.00	0.00	0	0			
									point545	545	795,142.7	836,941.7	1,417.44	6.00						
PW37	W	0.00	99.99	0.00				0.00	point571	571	795,212.9	836,972.9	1,417.38	6.00	0.00	0	0			
									point548	548	795,351.8	836,976.5	1,418.59	6.00	0.00	0	0			
									point549	549	795,352.1	837,111.7	1,419.19	6.00						
Barrier WB2	W	0.00	99.99	0.00				0.00	139+07.464	572	791,651.5	838,151.8	1,404.53	8.00	2.00	4	0			
									139+91.706	573	791,664.2	838,020.1	1,404.63	8.00	2.00	4	0			
									141+99.595	574	791,823.6	837,899.2	1,405.74	8.00	2.00	4	0			
									144+07.577	575	791,989.7	837,787.9	1,407.23	8.00	2.00	4	0			
									146+14.531	576	792,156.3	837,677.2	1,407.24	8.00	2.00	4	0			
									148+21.739	577	792,330.0	837,578.1	1,407.09	8.00	2.00	4	0			
									150+29.059	578	792,509.8	837,490.5	1,407.58	8.00	2.00	4	0			
									152+36.395	579	792,694.5	837,413.7	1,408.49	8.00	2.00	4	0			
									154+43.595	580	792,879.2	837,336.9	1,409.40	8.00	2.00	4	0			
									156+50.761	581	793,069.9	837,276.7	1,410.45	8.00	2.00	4	0			
									158+58.146	582	793,261.9	837,220.7	1,410.59	8.00	2.00	4	0			
									160+65.722	583	793,453.9	837,164.8	1,410.52	8.00	2.00	4	0			
									162+73.193	584	793,646.0	837,109.1	1,411.57	8.00	2.00	4	0			
									164+80.663	585	793,841.6	837,067.5	1,414.42	8.00	2.00	4	0			
									166+88.233	586	794,037.2	837,025.6	1,414.41	8.00	2.00	4	0			
									168+95.749	587	794,233.6	836,988.1	1,414.36	8.00	2.00	4	0			
									171+03.264	588	794,431.9	836,961.5	1,413.72	8.00	2.00	4	0			
									173+10.822	589	794,630.1	836,934.7	1,414.63	8.00	2.00	4	0			
									175+18.206	590	794,829.9	836,926.3	1,416.43	8.00	2.00	4	0			
									177+25.524	591	795,029.9	836,929.6	1,416.79	8.00	2.00	4	0			
									179+33.666	592	795,229.8	836,932.9	1,417.82	8.00	2.00	4	0			
									181+40.004	593	795,429.8	836,936.2	1,418.74	8.00	2.00	4	0			
									183+39.940	594	795,629.8	836,939.5	1,419.34	8.00	2.00	4	0			
									185+39.877	595	795,829.8	836,942.8	1,419.73	8.00	2.00	4	0			
									187+39.813	596	796,029.7	836,946.1	1,420.47	8.00						
JerseyBarrier	W	0.00	99.99	0.00				0.00	point615	615	791,116.2	838,053.7	1,403.50	6.00	0.00	0	0			
									point616	616	791,037.2	838,111.5	1,404.70	6.00	0.00	0	0			
									point617	617	790,874.9	838,230.9	1,407.40	6.00	0.00	0	0			
									point618	618	790,716.0	838,355.0	1,411.30	6.00	0.00	0	0			
									point619	619	790,565.0	838,477.9	1,415.30	6.00	0.00	0	0			
									point620	620	790,412.5	838,601.0	1,419.30	6.00	0.00	0	0			
									point621	621	790,271.9	838,732.3	1,422.50	6.00	0.00	0	0			
									point622	622	790,132.7	838,873.4	1,424.20	6.00	0.00	0	0	Y		
									point627	627	789,998.4	839,016.7	1,424.30	6.00	0.00	0	0	Y		
									point623	623	789,864.0	839,159.9	1,422.80	6.00						
Barrier139	W	0.00	99.99	0.00				0.00	point628	628	791,551.7	837,799.6	1,402.69	10.00	0.00	0	0			

									point636	629	791,469.8	837,856.1	1,402.09	10.00	0.00	0	0		
									point629	630	791,387.8	837,912.5	1,401.50	10.00	0.00	0	0		
									point630	631	791,226.8	838,029.5	1,400.79	10.00	0.00	0	0		
									point631	632	791,069.9	838,152.0	1,402.26	10.00					
Median Barrier-2	W	0.00	99.99	0.00				0.00	point693	693	790,057.9	838,825.2	1,424.20	3.50	0.00	0	0		
									point646	646	790,202.7	838,686.1	1,422.50	3.50	0.00	0	0		
									point647	647	790,350.9	838,550.6	1,419.30	3.50	0.00	0	0		
									point648	648	790,502.7	838,419.1	1,415.30	3.50	0.00	0	0		
									point649	649	790,657.9	838,291.6	1,411.30	3.50	0.00	0	0		
									point650	650	790,816.2	838,168.4	1,407.40	3.50	0.00	0	0		
									point651	651	790,977.9	838,049.1	1,404.70	3.50	0.00	0	0		
									point652	652	791,142.6	837,934.2	1,403.10	3.50	0.00	0	0		
									point653	653	791,310.2	837,823.6	1,402.90	3.50	0.00	0	0		
									point654	654	791,480.7	837,717.6	1,403.70	3.50	0.00	0	0	Y	
									point655	655	791,653.9	837,615.9	1,404.70	3.50	0.00	0	0	Y	
									point656	656	791,829.7	837,518.9	1,405.70	3.50	0.00	0	0		
									point657	657	792,007.9	837,426.4	1,406.70	3.50	0.00	0	0		
									point658	658	792,188.6	837,338.8	1,407.70	3.50	0.00	0	0		
									point659	659	792,371.4	837,255.8	1,408.60	3.50	0.00	0	0		
									point660	660	792,556.4	837,177.6	1,409.60	3.50	0.00	0	0		
									point661	661	792,743.4	837,104.4	1,410.60	3.50	0.00	0	0		
									point662	662	792,932.2	837,035.9	1,411.60	3.50	0.00	0	0		
									point663	663	793,122.8	836,972.6	1,412.60	3.50	0.00	0	0		
									point664	664	793,314.9	836,914.1	1,413.60	3.50	0.00	0	0		
									point665	665	793,508.4	836,860.9	1,414.50	3.50	0.00	0	0		
									point666	666	793,703.4	836,812.6	1,415.50	3.50	0.00	0	0		
									point667	667	793,899.4	836,769.4	1,416.50	3.50	0.00	0	0		
									point668	668	794,096.7	836,731.4	1,417.50	3.50	0.00	0	0		
									point669	669	794,294.8	836,698.6	1,418.50	3.50	0.00	0	0		
									point670	670	794,493.7	836,671.1	1,419.50	3.50	0.00	0	0		
									point671	671	794,693.2	836,648.6	1,420.50	3.50	0.00	0	0		
									point672	672	794,893.2	836,631.6	1,421.40	3.50	0.00	0	0		
									point673	673	795,093.8	836,619.6	1,422.40	3.50	0.00	0	0		
									point674	674	795,294.4	836,612.9	1,424.00	3.50	0.00	0	0		
									point675	675	795,494.8	836,610.6	1,426.80	3.50	0.00	0	0		
									point676	676	795,694.8	836,608.9	1,430.70	3.50	0.00	0	0		
									point677	677	795,894.8	836,607.2	1,435.80	3.50	0.00	0	0		
									point678	678	796,094.8	836,605.4	1,441.40	3.50	0.00	0	0		
									point679	679	796,294.8	836,603.8	1,445.80	3.50	0.00	0	0		
									point680	680	796,494.8	836,602.1	1,448.60	3.50	0.00	0	0	Y	
									point681	681	796,694.8	836,600.2	1,449.80	3.50	0.00	0	0	Y	
									point682	682	796,894.8	836,598.6	1,449.50	3.50	0.00	0	0	Y	
									point683	683	797,094.8	836,596.9	1,447.60	3.50	0.00	0	0		
									point684	684	797,294.8	836,595.1	1,444.20	3.50	0.00	0	0		
									point685	685	797,494.7	836,593.4	1,439.80	3.50	0.00	0	0		
									point686	686	797,694.7	836,591.6	1,437.20	3.50	0.00	0	0		
									point687	687	797,894.7	836,589.9	1,436.90	3.50	0.00	0	0		
									point688	688	798,094.7	836,588.1	1,438.90	3.50	0.00	0	0		
									point689	689	798,294.7	836,586.4	1,443.10	3.50	0.00	0	0		

									point690	690	798,494.7	836,584.6	1,448.90	3.50						

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INPUT: RECEIVERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
R154	499	10	786,841.0	838,280.6	1,395.00	5.00	0.00	66	15.0	7.0	
R155	500	10	788,526.5	837,393.5	1,395.00	5.00	0.00	66	15.0	7.0	
R157	502	3	791,997.2	838,128.1	1,405.00	5.00	0.00	66	15.0	7.0	
R158	503	4	791,994.5	837,907.9	1,407.00	5.00	0.00	66	15.0	7.0	
R159	505	4	792,168.0	837,899.5	1,407.00	5.00	0.00	66	15.0	7.0	
R160	506	4	792,325.2	837,899.8	1,404.00	5.00	0.00	66	15.0	7.0	
R161	507	3	792,321.2	837,743.9	1,404.00	5.00	0.00	66	15.0	7.0	
R162	508	2	792,504.2	837,748.5	1,407.00	5.00	0.00	66	15.0	7.0	
R163	509	2	792,434.1	837,647.9	1,407.00	5.00	0.00	66	15.0	7.0	
R164	510	2	792,475.1	837,546.3	1,410.00	5.00	0.00	66	15.0	7.0	
R165	511	3	792,594.9	837,547.4	1,410.00	5.00	0.00	66	15.0	7.0	
R166	512	2	792,734.4	837,542.8	1,410.00	5.00	0.00	66	15.0	7.0	
R167	513	2	792,881.4	837,512.5	1,412.00	5.00	0.00	66	15.0	7.0	
R168	514	2	792,779.6	837,416.0	1,412.00	5.00	0.00	66	15.0	7.0	
R169	515	2	792,876.8	837,383.1	1,412.00	5.00	0.00	66	15.0	7.0	
R170	516	2	793,097.9	837,517.6	1,413.00	5.00	0.00	66	15.0	7.0	
R171	517	3	793,097.7	837,390.0	1,413.00	5.00	0.00	66	15.0	7.0	
R172	518	3	793,264.4	837,347.6	1,413.00	5.00	0.00	66	15.0	7.0	
R173	519	3	793,505.9	837,340.4	1,413.00	5.00	0.00	66	15.0	7.0	
R174	520	3	793,606.2	837,226.1	1,413.00	5.00	0.00	66	15.0	7.0	
R175	521	3	793,806.9	837,341.2	1,413.00	5.00	0.00	66	15.0	7.0	
R176	522	3	793,843.6	837,219.6	1,413.00	5.00	0.00	66	15.0	7.0	

R177	523	3	794,121.2	837,288.9	1,414.00	5.00	0.00	66	15.0	7.0	
R178	524	2	794,067.8	837,145.1	1,414.00	5.00	0.00	66	15.0	7.0	
R179	525	2	794,280.8	837,081.4	1,414.00	5.00	0.00	66	15.0	7.0	
R180	526	2	794,304.8	837,165.9	1,414.00	5.00	0.00	66	15.0	7.0	
R181	527	3	794,594.2	836,959.9	1,414.00	5.00	0.00	66	15.0	7.0	
R182	528	3	794,710.4	837,109.6	1,414.00	5.00	0.00	66	15.0	7.0	
R183	529	3	795,012.8	837,106.9	1,417.00	5.00	0.00	66	15.0	7.0	
R184	530	4	795,107.1	836,953.8	1,417.00	5.00	0.00	66	15.0	7.0	
R185	531	2	795,335.6	837,031.9	1,415.00	5.00	0.00	66	15.0	7.0	
R186	532	1	795,485.7	837,578.7	1,419.00	5.00	0.00	66	15.0	7.0	
R187	533	1	795,535.1	837,732.4	1,419.00	5.00	0.00	66	15.0	7.0	
R188	534	1	795,998.1	837,703.6	1,421.00	5.00	0.00	66	15.0	7.0	
R189	535	1	796,321.2	837,253.0	1,422.00	5.00	0.00	66	15.0	7.0	
R190	536	1	796,307.9	837,762.8	1,422.00	5.00	0.00	66	15.0	7.0	
R191	537	1	796,611.6	837,756.1	1,424.00	5.00	0.00	66	15.0	7.0	
R192	538	1	792,495.7	836,713.1	1,407.50	5.00	0.00	66	15.0	7.0	
R193	539	1	793,452.9	836,425.4	1,412.00	5.00	0.00	66	15.0	7.0	
R194	540	1	794,745.5	836,185.1	1,416.00	5.00	0.00	66	15.0	7.0	
R195	541	1	795,941.4	836,074.1	1,420.00	5.00	0.00	66	15.0	7.0	
Mon5	586	1	790,233.9	836,837.4	1,394.00	5.00	0.00	66	15.0	7.0	
Mon6	587	1	793,244.3	837,267.8	1,413.00	5.00	0.00	66	15.0	7.0	Y
Mon7	588	1	796,452.0	837,363.0	1,422.00	5.00	0.00	66	15.0	7.0	Y

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INPUT: ROADWAYS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Signal Butte EB OnRamp	24.0	0+00.000	1868	796,755.2	836,390.7	1,424.90	Onramp	15.00	100	Average	
		2+00.000	1869	796,918.4	836,406.0	1,423.70				Average	
		4+00.000	1870	797,117.7	836,422.8	1,424.70				Average	
		6+00.000	1871	797,317.0	836,439.5	1,426.90				Average	
		8+00.000	1872	797,516.3	836,456.3	1,429.10				Average	
		10+00.000	1873	797,715.6	836,473.0	1,431.40				Average	
		12+00.000	1874	797,914.9	836,489.7	1,434.30				Average	
		14+00.000	1875	798,114.5	836,502.6	1,438.50				Average	
		16+00.000	1876	798,312.3	836,513.3	1,442.20				Average	
		18+00.000	1877	798,482.8	836,522.6	1,448.90					
Signal Butte WB OffRamp	24.0	18+00.000	1887	798,488.8	836,648.2	1,448.90				Average	
		16+00.000	1886	798,309.2	836,662.8	1,442.60				Average	
		14+00.000	1885	798,109.5	836,677.1	1,438.30				Average	
		12+00.000	1884	797,910.1	836,692.9	1,434.60				Average	
		10+00.000	1883	797,711.1	836,712.6	1,432.00				Average	
		8+00.000	1882	797,512.1	836,732.7	1,429.70				Average	
		6+00.000	1881	797,313.1	836,752.9	1,427.40				Average	
		4+00.000	1880	797,114.2	836,773.0	1,425.10				Average	
		2+00.000	1879	796,915.2	836,793.1	1,424.00				Average	
		0+00.000	1878	796,755.0	836,807.9	1,425.30					
Meridian EB OffRamp	24.0	point1888	1888	800,087.4	836,509.8	1,445.10				Average	
		point1889	1889	800,208.1	836,500.8	1,443.50				Average	
		point1890	1890	800,409.9	836,486.9	1,443.00				Average	
		point1891	1891	800,609.5	836,473.6	1,444.40				Average	
		point1892	1892	800,808.7	836,455.8	1,447.00				Average	

		point1893	1893	801,007.8	836,436.7	1,448.40				Average	
		point1894	1894	801,206.9	836,417.7	1,447.90				Average	
		point1895	1895	801,406.0	836,398.6	1,446.60				Average	
		point1896	1896	801,605.1	836,379.6	1,445.40				Average	
		point1897	1897	801,937.6	836,346.4	1,447.20					
Meridian EB OnRamp	24.0	0+00.000	1898	802,032.5	836,348.2	1,447.20	Onramp	15.00	100	Average	
		2+00.000	1899	802,180.1	836,357.0	1,446.00				Average	
		4+00.000	1900	802,379.6	836,370.2	1,446.10				Average	
		6+00.000	1901	802,579.2	836,383.5	1,448.10				Average	
		8+00.000	1902	802,778.7	836,396.8	1,450.10				Average	
		10+00.000	1903	802,978.3	836,410.1	1,452.20				Average	
		12+00.000	1904	803,177.8	836,423.4	1,453.50				Average	
		14+00.000	1905	803,377.4	836,436.7	1,453.50				Average	
		16+00.000	1906	803,577.0	836,449.9	1,452.80				Average	
		18+00.000	1907	803,776.0	836,459.0	1,452.60				Average	
		point2838	2838	803,974.8	836,468.7	1,451.50				Average	
		20+00.000	1908	804,086.8	836,475.3	1,451.40					
Meridian WB OffRamp	24.0	22+00.000	1920	804,091.2	836,600.9	1,451.40				Average	
		20+00.000	1919	803,970.2	836,611.1	1,451.40				Average	
		18+00.000	1918	803,771.1	836,624.2	1,452.20				Average	
		16+00.000	1917	803,571.6	836,638.0	1,452.70				Average	
		14+00.000	1916	803,372.1	836,652.7	1,453.60				Average	
		12+00.000	1915	803,172.7	836,667.4	1,453.90				Average	
		10+00.000	1914	802,973.2	836,682.1	1,452.80				Average	
		8+00.000	1913	802,773.8	836,696.8	1,451.10				Average	
		6+00.000	1912	802,574.3	836,711.5	1,449.30				Average	
		4+00.000	1911	802,374.9	836,726.2	1,447.60				Average	
		2+00.000	1910	802,175.4	836,741.0	1,446.90				Average	
		0+00.000	1909	802,026.4	836,751.2	1,448.10					
Meridian WB OnRamp	24.0	18+00.000	1930	801,926.9	836,763.0	1,448.10	Onramp	15.00	100	Average	
		16+00.000	1929	801,657.8	836,742.6	1,444.90				Average	
		14+00.000	1928	801,458.4	836,726.9	1,444.50				Average	
		12+00.000	1927	801,259.0	836,711.1	1,445.60				Average	
		10+00.000	1926	801,059.6	836,695.4	1,446.60				Average	
		8+00.000	1925	800,860.3	836,679.7	1,446.40				Average	
		6+00.000	1924	800,660.9	836,664.2	1,444.80				Average	
		4+00.000	1923	800,461.2	836,652.5	1,443.10				Average	
		2+00.000	1922	800,259.2	836,642.1	1,443.10				Average	
		0+00.000	1921	800,087.8	836,633.1	1,445.10					

Ironwood EB OffRamp	24.0	0+00.000	1931	805,886.0	836,460.4	1,463.50				Average	
		2+00.000	1932	806,064.1	836,450.1	1,465.00				Average	
		4+00.000	1933	806,263.9	836,436.2	1,467.50				Average	
		6+00.000	1934	806,463.4	836,422.9	1,471.10				Average	
		8+00.000	1935	806,662.8	836,406.6	1,474.50				Average	
		10+00.000	1936	806,862.1	836,390.3	1,475.60				Average	
		12+00.000	1937	807,061.4	836,374.0	1,474.80				Average	
		14+00.000	1938	807,260.8	836,357.7	1,473.80				Average	
		16+00.000	1939	807,460.1	836,341.4	1,474.20				Average	
		18+00.000	1940	807,659.4	836,325.1	1,476.40				Average	
		20+00.000	1941	807,858.8	836,308.8	1,479.20				Average	
		22+00.000	1942	808,039.1	836,295.2	1,481.30					
Ironwood EB OnRamp	24.0	0+00.000	1943	808,123.1	836,294.9	1,481.10	Onramp	15.00	100	Average	
		2+00.000	1944	808,278.8	836,307.7	1,479.20				Average	
		4+00.000	1945	808,478.1	836,324.6	1,481.40				Average	
		6+00.000	1946	808,677.3	836,341.6	1,486.80				Average	
		8+00.000	1947	808,876.6	836,358.5	1,492.10				Average	
		10+00.000	1948	809,075.9	836,375.4	1,495.10				Average	
		12+00.000	1949	809,275.2	836,392.3	1,495.10					
Ironwood WB OffRamp	24.0	12+00.000	1959	809,272.7	836,593.1	1,495.20				Average	
		10+00.000	1958	809,073.5	836,611.4	1,495.90				Average	
		8+00.000	1957	808,874.4	836,629.7	1,494.30				Average	
		6+00.000	1956	808,675.2	836,648.0	1,490.60				Average	
		4+00.000	1955	808,476.1	836,666.2	1,484.70				Average	
		2+00.000	1954	808,276.9	836,684.5	1,480.80				Average	
		0+00.000	1953	808,118.6	836,698.8	1,481.90					
Ironwood WB OnRamp	24.0	20+00.000	1973	808,030.4	836,709.4	1,481.90	Onramp	15.00	100	Average	
		18+00.000	1972	807,712.3	836,691.0	1,478.10				Average	
		16+00.000	1971	807,512.7	836,678.1	1,475.10				Average	
		14+00.000	1970	807,313.1	836,665.1	1,472.60				Average	
		12+00.000	1969	807,113.5	836,652.2	1,472.10				Average	
		10+00.000	1968	806,914.0	836,639.2	1,473.20				Average	
		8+00.000	1967	806,714.4	836,626.2	1,473.70				Average	
		6+00.000	1966	806,514.8	836,613.3	1,471.90				Average	
		4+00.000	1965	806,315.1	836,601.8	1,468.40				Average	
		2+00.000	1964	806,118.7	836,591.1	1,465.50				Average	
		0	1963	805,888.9	836,583.1	1,463.50					
SR24_WB_In_1	36.0	320+00.00	2294	809,286.7	836,523.3	1,489.30				Average	
		318+00.00	2293	809,086.8	836,525.1	1,491.30				Average	

		316+00.00	2292	808,886.8	836,526.8	1,494.80				Average	
		314+00.00	2291	808,686.8	836,528.5	1,499.50				Average	
		312+00.00	2290	808,486.8	836,530.3	1,504.00				Average	
		310+00.00	2289	808,286.8	836,532.0	1,506.70				Average	Y
		308+00.00	2288	808,086.8	836,533.7	1,507.40				Average	Y
		306+00.00	2287	807,886.8	836,535.5	1,506.30				Average	Y
		304+00.00	2286	807,686.8	836,537.2	1,503.40				Average	
		302+00.00	2285	807,486.8	836,538.9	1,498.60				Average	
		300+00.00	2284	807,286.8	836,540.7	1,493.30				Average	
		298+00.00	2283	807,086.8	836,542.4	1,488.00				Average	
		296+00.00	2282	806,886.8	836,544.1	1,482.80				Average	
		294+00.00	2281	806,686.8	836,545.9	1,477.50				Average	
		292+00.00	2280	806,486.8	836,547.6	1,472.80				Average	
		290+00.00	2279	806,286.9	836,549.3	1,468.90				Average	
		288+00.00	2278	806,086.9	836,551.1	1,465.80				Average	
		286+00.00	2277	805,886.9	836,552.8	1,463.50					
SR24_WB_Out_1	36.0	320+00.00	2682	809,287.0	836,547.3	1,489.30				Average	
		318+00.00	2681	809,087.0	836,549.1	1,491.30				Average	
		316+00.00	2680	808,887.0	836,550.8	1,495.00				Average	
		314+00.00	2679	808,687.0	836,552.5	1,499.50				Average	
		312+00.00	2678	808,487.0	836,554.3	1,504.00				Average	
		310+00.00	2677	808,287.0	836,556.0	1,506.70				Average	Y
		308+00.00	2676	808,087.0	836,557.7	1,507.40				Average	Y
		306+00.00	2675	807,887.0	836,559.5	1,506.30				Average	Y
		304+00.00	2674	807,687.0	836,561.2	1,503.40				Average	
		302+00.00	2673	807,487.0	836,562.9	1,498.60				Average	
		300+00.00	2672	807,287.0	836,564.7	1,493.30				Average	
		298+00.00	2671	807,087.0	836,566.4	1,488.00				Average	
		296+00.00	2670	806,887.0	836,568.1	1,482.80				Average	
		294+00.00	2669	806,687.0	836,569.9	1,477.50				Average	
		292+00.00	2668	806,487.1	836,571.6	1,472.80				Average	
		290+00.00	2667	806,287.1	836,573.3	1,468.90				Average	
		288+00.00	2666	806,087.1	836,575.1	1,465.80				Average	
		286+00.00	2665	805,887.1	836,576.8	1,463.50					
Ironwood Dr SB_up	24.0	0	2712	808,044.5	837,133.2	1,482.40				Average	
		3+96.945	2713	808,037.8	836,712.3	1,482.80					
Ironwood Dr NB_up	24.0	point2721	2721	808,114.2	835,902.9	1,479.70				Average	
		16+23.821	2717	808,119.4	836,293.8	1,481.40					
Meridian Rd SB_up	24.0	0+00.000	2722	801,928.3	837,287.8	1,448.00				Average	

		4+72.083	2723	801,930.3	836,764.6	1,448.10					
Signal Butte Rd SB_up	24.0	0+00.000	2730	796,683.8	837,238.0	1,425.80				Average	
		3+68.136	2731	796,679.5	836,809.0	1,425.30					
Signal Butte Rd NB_up	24.0	point2806	2806	796,746.4	835,901.4	1,423.40				Average	
		18+16.986	2735	796,753.5	836,389.4	1,424.90					
Meridian Rd NB_up	24.0	point2808	2808	802,018.9	835,856.1	1,446.00				Average	
		19+29.920	2727	802,028.3	836,348.1	1,447.30					
Signal Butte WB OnRamp	24.0	point2847	2847	796,677.7	836,809.9	1,425.30	Onramp	15.00	100	Average	
		point2846	2846	796,574.3	836,804.0	1,424.40				Average	
		18+00.000	1855	796,374.8	836,790.9	1,422.40				Average	
		16+00.000	1854	796,175.2	836,777.9	1,420.40				Average	
		14+00.000	1853	795,975.6	836,764.8	1,418.90				Average	
		12+00.000	1852	795,776.0	836,751.7	1,418.90				Average	
		10+00.000	1851	795,576.5	836,738.7	1,420.20				Average	
		8+00.000	1850	795,376.9	836,725.6	1,421.20				Average	
		6+00.000	1849	795,177.3	836,713.5	1,421.50				Average	
		4+00.000	1848	794,977.3	836,710.2	1,421.10				Average	
		2+00.000	1847	794,777.5	836,717.4	1,420.30				Average	
		0+00.000	1846	794,499.3	836,730.9	1,419.50					
Signal Butte EB OffRamp	24.0	0+00.000	1857	794,481.5	836,610.9	1,419.50				Average	
		2+00.000	1858	794,744.2	836,568.5	1,421.60				Average	
		4+00.000	1859	794,942.8	836,545.3	1,423.30				Average	
		6+00.000	1860	795,141.5	836,522.1	1,424.40				Average	
		8+00.000	1861	795,340.1	836,498.9	1,425.30				Average	
		10+00.000	1862	795,538.8	836,475.7	1,424.90				Average	
		12+00.000	1863	795,737.4	836,452.5	1,423.90				Average	
		14+00.000	1864	795,936.4	836,432.6	1,423.00				Average	
		16+00.000	1865	796,135.9	836,418.0	1,422.10				Average	
		18+00.000	1866	796,335.6	836,407.8	1,422.30				Average	
		point2848	2848	796,535.4	836,398.1	1,423.80				Average	
		point2849	2849	796,680.7	836,388.8	1,424.90					
SR24_EB_Out_6	36.0	point2939	2939	794,482.6	836,617.5	1,419.50				Average	
		174+00.00	2444	794,682.8	836,595.0	1,420.50				Average	
		176+00.00	2445	794,883.5	836,577.8	1,421.40				Average	
		178+00.00	2446	795,084.6	836,565.9	1,422.40				Average	
		180+00.00	2447	795,285.9	836,559.2	1,424.00				Average	
		182+00.00	2448	795,486.5	836,556.9	1,426.80				Average	
		184+00.00	2449	795,686.5	836,555.2	1,430.70				Average	
		186+00.00	2450	795,886.5	836,553.5	1,435.80				Average	

		188+00.00	2451	796,086.5	836,551.7	1,441.40				Average	
		190+00.00	2452	796,286.5	836,550.0	1,445.80				Average	
		192+00.00	2453	796,486.5	836,548.3	1,448.60				Average	Y
		194+00.00	2454	796,686.5	836,546.5	1,449.80				Average	Y
		196+00.00	2455	796,886.5	836,544.8	1,449.50				Average	Y
		198+00.00	2456	797,086.5	836,543.1	1,447.60				Average	
		200+00.00	2457	797,286.4	836,541.3	1,444.20				Average	
		202+00.00	2458	797,486.4	836,539.6	1,439.80				Average	
		204+00.00	2459	797,686.4	836,537.9	1,437.20				Average	
		206+00.00	2460	797,886.4	836,536.1	1,436.90				Average	
		208+00.00	2461	798,086.4	836,534.4	1,438.90				Average	
		210+00.00	2462	798,286.4	836,532.7	1,443.10				Average	
		212+00.00	2463	798,486.4	836,530.9	1,448.90					
SR24_EB_In_6	36.0	point2940	2940	794,485.6	836,641.3	1,419.50				Average	
		174+00.00	2056	794,685.2	836,618.9	1,420.50				Average	
		176+00.00	2057	794,885.2	836,601.8	1,421.40				Average	
		178+00.00	2058	795,085.7	836,589.8	1,422.40				Average	
		180+00.00	2059	795,286.4	836,583.2	1,424.00				Average	
		182+00.00	2060	795,486.7	836,580.9	1,426.80				Average	
		184+00.00	2061	795,686.7	836,579.2	1,430.70				Average	
		186+00.00	2062	795,886.7	836,577.5	1,435.80				Average	
		188+00.00	2063	796,086.7	836,575.7	1,441.40				Average	
		190+00.00	2064	796,286.7	836,574.0	1,445.80				Average	
		192+00.00	2065	796,486.7	836,572.3	1,448.60				Average	Y
		194+00.00	2066	796,686.7	836,570.5	1,449.80				Average	Y
		196+00.00	2067	796,886.7	836,568.8	1,449.50				Average	Y
		198+00.00	2068	797,086.7	836,567.1	1,447.60				Average	
		200+00.00	2069	797,286.7	836,565.3	1,444.20				Average	
		202+00.00	2070	797,486.6	836,563.6	1,439.80				Average	
		204+00.00	2071	797,686.6	836,561.9	1,437.20				Average	
		206+00.00	2072	797,886.6	836,560.1	1,436.90				Average	
		208+00.00	2073	798,086.6	836,558.4	1,438.90				Average	
		210+00.00	2074	798,286.6	836,556.7	1,443.10				Average	
		212+00.00	2075	798,486.6	836,554.9	1,448.90					
SR24_WB_Out_5	36.0	point2943	2943	798,487.4	836,640.9	1,448.90				Average	
		210+00.00	2627	798,287.4	836,642.7	1,443.10				Average	
		208+00.00	2626	798,087.4	836,644.4	1,438.90				Average	
		206+00.00	2625	797,887.4	836,646.1	1,436.90				Average	
		204+00.00	2624	797,687.4	836,647.9	1,437.20				Average	

		202+00.00	2623	797,487.4	836,649.6	1,439.80				Average	
		200+00.00	2622	797,287.4	836,651.3	1,444.20				Average	
		198+00.00	2621	797,087.4	836,653.1	1,447.60				Average	
		196+00.00	2620	796,887.4	836,654.8	1,449.50				Average	Y
		194+00.00	2619	796,687.4	836,656.5	1,449.80				Average	Y
		192+00.00	2618	796,487.4	836,658.3	1,448.60				Average	Y
		190+00.00	2617	796,287.4	836,660.0	1,445.80				Average	
		188+00.00	2616	796,087.4	836,661.7	1,441.40				Average	
		186+00.00	2615	795,887.5	836,663.5	1,435.80				Average	
		184+00.00	2614	795,687.5	836,665.2	1,430.70				Average	
		182+00.00	2613	795,487.5	836,666.9	1,426.80				Average	
		180+00.00	2612	795,288.1	836,669.2	1,424.00				Average	
		178+00.00	2611	795,089.7	836,675.7	1,422.40				Average	
		176+00.00	2610	794,891.5	836,687.5	1,421.40				Average	
		174+00.00	2609	794,693.6	836,704.5	1,420.50				Average	
		172+00.00	2608	794,496.3	836,726.7	1,419.50					
SR24_WB_In_5	36.0	point2944	2944	798,487.1	836,616.9	1,448.90				Average	
		210+00.00	2239	798,287.2	836,618.7	1,443.10				Average	
		208+00.00	2238	798,087.2	836,620.4	1,438.90				Average	
		206+00.00	2237	797,887.2	836,622.1	1,436.90				Average	
		204+00.00	2236	797,687.2	836,623.9	1,437.20				Average	
		202+00.00	2235	797,487.2	836,625.6	1,439.80				Average	
		200+00.00	2234	797,287.2	836,627.3	1,444.20				Average	
		198+00.00	2233	797,087.2	836,629.1	1,447.60				Average	
		196+00.00	2232	796,887.2	836,630.8	1,449.50				Average	Y
		194+00.00	2231	796,687.2	836,632.5	1,449.80				Average	Y
		192+00.00	2230	796,487.2	836,634.3	1,448.60				Average	Y
		190+00.00	2229	796,287.2	836,636.0	1,445.80				Average	
		188+00.00	2228	796,087.2	836,637.7	1,441.40				Average	
		186+00.00	2227	795,887.2	836,639.5	1,435.80				Average	
		184+00.00	2226	795,687.3	836,641.2	1,430.70				Average	
		182+00.00	2225	795,487.3	836,642.9	1,426.80				Average	
		180+00.00	2224	795,287.6	836,645.2	1,424.00				Average	
		178+00.00	2223	795,088.6	836,651.8	1,422.40				Average	
		176+00.00	2222	794,889.7	836,663.6	1,421.40				Average	
		174+00.00	2221	794,691.3	836,680.6	1,420.50				Average	
		172+00.00	2220	794,493.3	836,702.8	1,419.50					
SR24_EB_Out_7	36.0	point2945	2945	798,486.4	836,530.9	1,448.90				Average	
		214+00.00	2464	798,686.4	836,529.2	1,454.10				Average	

		216+00.00	2465	798,886.4	836,527.5	1,457.50				Average	
		218+00.00	2466	799,086.4	836,525.7	1,459.10				Average	
		220+00.00	2467	799,286.4	836,524.0	1,458.90				Average	
		222+00.00	2468	799,486.4	836,522.3	1,457.00				Average	
		224+00.00	2469	799,686.4	836,520.5	1,453.30				Average	
		226+00.00	2470	799,886.4	836,518.8	1,448.90				Average	
		228+00.00	2471	800,086.3	836,517.1	1,445.10					
SR24_EB_In_7	36.0	point2946	2946	798,486.6	836,554.9	1,448.90				Average	
		214+00.00	2076	798,686.6	836,553.2	1,454.10				Average	
		216+00.00	2077	798,886.6	836,551.5	1,457.50				Average	
		218+00.00	2078	799,086.6	836,549.7	1,459.10				Average	
		220+00.00	2079	799,286.6	836,548.0	1,458.90				Average	
		222+00.00	2080	799,486.6	836,546.3	1,457.00				Average	
		224+00.00	2081	799,686.6	836,544.5	1,453.30				Average	
		226+00.00	2082	799,886.6	836,542.8	1,448.90				Average	
		228+00.00	2083	800,086.6	836,541.1	1,445.10					
SR24_WB_Out_4	36.0	point2947	2947	800,087.3	836,627.1	1,445.10				Average	
		226+00.00	2635	799,887.3	836,628.8	1,448.90				Average	
		224+00.00	2634	799,687.3	836,630.5	1,453.30				Average	
		222+00.00	2633	799,487.3	836,632.3	1,457.00				Average	
		220+00.00	2632	799,287.3	836,634.0	1,458.90				Average	
		218+00.00	2631	799,087.3	836,635.7	1,459.10				Average	
		216+00.00	2630	798,887.3	836,637.5	1,457.50				Average	
		214+00.00	2629	798,687.3	836,639.2	1,454.10				Average	
		212+00.00	2628	798,487.4	836,640.9	1,448.90					
SR24_WB_In_4	36.0	point2948	2948	800,087.1	836,603.1	1,445.10				Average	
		226+00.00	2247	799,887.1	836,604.8	1,448.90				Average	
		224+00.00	2246	799,687.1	836,606.5	1,453.30				Average	
		222+00.00	2245	799,487.1	836,608.3	1,457.00				Average	
		220+00.00	2244	799,287.1	836,610.0	1,458.90				Average	
		218+00.00	2243	799,087.1	836,611.7	1,459.10				Average	
		216+00.00	2242	798,887.1	836,613.5	1,457.50				Average	
		214+00.00	2241	798,687.1	836,615.2	1,454.10				Average	
		212+00.00	2240	798,487.1	836,616.9	1,448.90					
SR24_EB_Out_8	36.0	point2949	2949	800,086.3	836,517.1	1,445.10				Average	
		230+00.00	2472	800,286.3	836,515.3	1,443.40				Average	
		232+00.00	2473	800,486.3	836,513.6	1,443.90				Average	
		234+00.00	2474	800,686.3	836,511.9	1,446.50				Average	
		236+00.00	2475	800,886.3	836,510.1	1,451.20				Average	

		238+00.00	2476	801,086.3	836,508.4	1,456.60				Average	
		240+00.00	2477	801,286.3	836,506.7	1,461.90				Average	
		242+00.00	2478	801,486.3	836,504.9	1,466.80				Average	
		244+00.00	2479	801,686.3	836,503.2	1,470.10				Average	
		246+00.00	2480	801,886.3	836,501.5	1,471.90				Average	Y
		248+00.00	2481	802,086.3	836,499.7	1,472.10				Average	Y
		250+00.00	2482	802,286.3	836,498.0	1,470.70				Average	
		252+00.00	2483	802,486.3	836,496.3	1,467.70				Average	
		254+00.00	2484	802,686.2	836,494.5	1,463.60				Average	
		256+00.00	2485	802,886.2	836,492.8	1,460.20				Average	
		258+00.00	2486	803,086.2	836,491.1	1,457.60				Average	
		260+00.00	2487	803,286.2	836,489.3	1,455.70				Average	
		262+00.00	2488	803,486.2	836,487.6	1,454.60				Average	
		264+00.00	2489	803,686.2	836,485.9	1,453.50				Average	
		266+00.00	2490	803,886.2	836,484.1	1,452.50				Average	
		268+00.00	2491	804,086.2	836,482.4	1,451.40					
SR24_EB_In_8	36.0	point2950	2950	800,086.6	836,541.1	1,445.10				Average	
		230+00.00	2084	800,286.5	836,539.3	1,443.40				Average	
		232+00.00	2085	800,486.5	836,537.6	1,443.90				Average	
		234+00.00	2086	800,686.5	836,535.9	1,446.50				Average	
		236+00.00	2087	800,886.5	836,534.1	1,451.20				Average	
		238+00.00	2088	801,086.5	836,532.4	1,456.60				Average	
		240+00.00	2089	801,286.5	836,530.7	1,461.90				Average	
		242+00.00	2090	801,486.5	836,528.9	1,466.80				Average	
		244+00.00	2091	801,686.5	836,527.2	1,470.10				Average	
		246+00.00	2092	801,886.5	836,525.5	1,471.90				Average	Y
		248+00.00	2093	802,086.5	836,523.7	1,472.10				Average	Y
		250+00.00	2094	802,286.5	836,522.0	1,470.70				Average	
		252+00.00	2095	802,486.5	836,520.3	1,467.70				Average	
		254+00.00	2096	802,686.5	836,518.5	1,463.60				Average	
		256+00.00	2097	802,886.4	836,516.8	1,460.20				Average	
		258+00.00	2098	803,086.4	836,515.1	1,457.60				Average	
		260+00.00	2099	803,286.4	836,513.3	1,455.70				Average	
		262+00.00	2100	803,486.4	836,511.6	1,454.60				Average	
		264+00.00	2101	803,686.4	836,509.9	1,453.50				Average	
		266+00.00	2102	803,886.4	836,508.1	1,452.50				Average	
		268+00.00	2103	804,086.4	836,506.4	1,451.40					
SR24_EB_Out_9	36.0	point2951	2951	804,086.2	836,482.4	1,451.40				Average	
		270+00.00	2492	804,286.2	836,480.7	1,450.70				Average	

		272+00.00	2493	804,486.2	836,478.9	1,450.70				Average	
		274+00.00	2494	804,686.2	836,477.2	1,451.50				Average	
		276+00.00	2495	804,886.2	836,475.5	1,453.10				Average	
		278+00.00	2496	805,086.2	836,473.7	1,455.20				Average	
		280+00.00	2497	805,286.1	836,472.0	1,457.30				Average	
		282+00.00	2498	805,486.1	836,470.3	1,459.30				Average	
		284+00.00	2499	805,686.1	836,468.5	1,461.40				Average	
		286+00.00	2500	805,886.1	836,466.8	1,463.50					
SR24_EB_ln_9	36.0	point2952	2952	804,086.4	836,506.4	1,451.40				Average	
		270+00.00	2104	804,286.4	836,504.7	1,450.70				Average	
		272+00.00	2105	804,486.4	836,502.9	1,450.70				Average	
		274+00.00	2106	804,686.4	836,501.2	1,451.50				Average	
		276+00.00	2107	804,886.4	836,499.5	1,453.10				Average	
		278+00.00	2108	805,086.4	836,497.7	1,455.20				Average	
		280+00.00	2109	805,286.4	836,496.0	1,457.30				Average	
		282+00.00	2110	805,486.3	836,494.3	1,459.30				Average	
		284+00.00	2111	805,686.3	836,492.5	1,461.40				Average	
		286+00.00	2112	805,886.3	836,490.8	1,463.50					
SR24_WB_ln_3	36.0	point2953	2953	804,086.9	836,568.4	1,451.40				Average	
		266+00.00	2267	803,886.9	836,570.1	1,452.50				Average	
		264+00.00	2266	803,687.0	836,571.9	1,453.50				Average	
		262+00.00	2265	803,487.0	836,573.6	1,454.60				Average	
		260+00.00	2264	803,287.0	836,575.3	1,455.70				Average	
		258+00.00	2263	803,087.0	836,577.1	1,457.60				Average	
		256+00.00	2262	802,887.0	836,578.8	1,460.20				Average	
		254+00.00	2261	802,687.0	836,580.5	1,463.60				Average	
		252+00.00	2260	802,487.0	836,582.3	1,467.70				Average	
		250+00.00	2259	802,287.0	836,584.0	1,470.70				Average	
		248+00.00	2258	802,087.0	836,585.7	1,472.10				Average	Y
		246+00.00	2257	801,887.0	836,587.5	1,471.90				Average	Y
		244+00.00	2256	801,687.0	836,589.2	1,470.10				Average	
		242+00.00	2255	801,487.0	836,590.9	1,466.80				Average	
		240+00.00	2254	801,287.0	836,592.7	1,461.90				Average	
		238+00.00	2253	801,087.1	836,594.4	1,456.60				Average	
		236+00.00	2252	800,887.1	836,596.1	1,451.20				Average	
		234+00.00	2251	800,687.1	836,597.9	1,446.50				Average	
		232+00.00	2250	800,487.1	836,599.6	1,443.90				Average	
		230+00.00	2249	800,287.1	836,601.3	1,443.40				Average	
		228+00.00	2248	800,087.1	836,603.1	1,445.10					

SR24_WB_Out_3	36.0	point2954	2954	804,087.1	836,592.4	1,451.40				Average	
		266+00.00	2655	803,887.2	836,594.1	1,452.50				Average	
		264+00.00	2654	803,687.2	836,595.9	1,453.50				Average	
		262+00.00	2653	803,487.2	836,597.6	1,454.60				Average	
		260+00.00	2652	803,287.2	836,599.3	1,455.70				Average	
		258+00.00	2651	803,087.2	836,601.1	1,457.60				Average	
		256+00.00	2650	802,887.2	836,602.8	1,460.20				Average	
		254+00.00	2649	802,687.2	836,604.5	1,463.60				Average	
		252+00.00	2648	802,487.2	836,606.3	1,467.70				Average	
		250+00.00	2647	802,287.2	836,608.0	1,470.70				Average	
		248+00.00	2646	802,087.2	836,609.7	1,472.10				Average	Y
		246+00.00	2645	801,887.2	836,611.5	1,471.90				Average	Y
		244+00.00	2644	801,687.2	836,613.2	1,470.10				Average	
		242+00.00	2643	801,487.2	836,614.9	1,466.80				Average	
		240+00.00	2642	801,287.3	836,616.7	1,461.90				Average	
		238+00.00	2641	801,087.3	836,618.4	1,456.60				Average	
		236+00.00	2640	800,887.3	836,620.1	1,451.20				Average	
		234+00.00	2639	800,687.3	836,621.9	1,446.50				Average	
		232+00.00	2638	800,487.3	836,623.6	1,443.90				Average	
		230+00.00	2637	800,287.3	836,625.3	1,443.40				Average	
		228+00.00	2636	800,087.3	836,627.1	1,445.10					
SR24_WB_Out_2	36.0	point2955	2955	805,887.1	836,576.8	1,463.50				Average	
		284+00.00	2664	805,687.1	836,578.5	1,461.40				Average	
		282+00.00	2663	805,487.1	836,580.3	1,459.30				Average	
		280+00.00	2662	805,287.1	836,582.0	1,457.30				Average	
		278+00.00	2661	805,087.1	836,583.7	1,455.20				Average	
		276+00.00	2660	804,887.1	836,585.5	1,453.10				Average	
		274+00.00	2659	804,687.1	836,587.2	1,451.50				Average	
		272+00.00	2658	804,487.1	836,588.9	1,450.70				Average	
		270+00.00	2657	804,287.1	836,590.7	1,450.70				Average	
		268+00.00	2656	804,087.1	836,592.4	1,451.40					
SR24_WB_In_2	36.0	point2956	2956	805,886.9	836,552.8	1,463.50				Average	
		284+00.00	2276	805,686.9	836,554.5	1,461.40				Average	
		282+00.00	2275	805,486.9	836,556.3	1,459.30				Average	
		280+00.00	2274	805,286.9	836,558.0	1,457.30				Average	
		278+00.00	2273	805,086.9	836,559.7	1,455.20				Average	
		276+00.00	2272	804,886.9	836,561.5	1,453.10				Average	
		274+00.00	2271	804,686.9	836,563.2	1,451.50				Average	
		272+00.00	2270	804,486.9	836,564.9	1,450.70				Average	

		270+00.00	2269	804,286.9	836,566.7	1,450.70				Average	
		268+00.00	2268	804,086.9	836,568.4	1,451.40					
SR24_EB_Out_10	36.0	point2957	2957	805,886.1	836,466.8	1,463.50				Average	
		288+00.00	2501	806,086.1	836,465.1	1,465.80				Average	
		290+00.00	2502	806,286.1	836,463.3	1,468.90				Average	
		292+00.00	2503	806,486.1	836,461.6	1,472.80				Average	
		294+00.00	2504	806,686.1	836,459.9	1,477.50				Average	
		296+00.00	2505	806,886.1	836,458.1	1,482.80				Average	
		298+00.00	2506	807,086.1	836,456.4	1,488.00				Average	
		300+00.00	2507	807,286.1	836,454.7	1,493.30				Average	
		302+00.00	2508	807,486.1	836,452.9	1,498.60				Average	
		304+00.00	2509	807,686.1	836,451.2	1,503.40				Average	
		306+00.00	2510	807,886.1	836,449.5	1,506.30				Average	Y
		308+00.00	2511	808,086.0	836,447.7	1,507.40				Average	Y
		310+00.00	2512	808,286.0	836,446.0	1,506.70				Average	Y
		312+00.00	2513	808,486.0	836,444.3	1,504.00				Average	
		314+00.00	2514	808,686.0	836,442.5	1,499.50				Average	
		316+00.00	2515	808,886.0	836,440.8	1,494.80				Average	
		318+00.00	2516	809,086.0	836,439.1	1,491.30				Average	
		320+00.00	2517	809,286.0	836,437.3	1,489.30					
SR24_EB_In_10	36.0	point2958	2958	805,886.3	836,490.8	1,463.50				Average	
		288+00.00	2113	806,086.3	836,489.1	1,465.80				Average	
		290+00.00	2114	806,286.3	836,487.3	1,468.90				Average	
		292+00.00	2115	806,486.3	836,485.6	1,472.80				Average	
		294+00.00	2116	806,686.3	836,483.9	1,477.50				Average	
		296+00.00	2117	806,886.3	836,482.1	1,482.80				Average	
		298+00.00	2118	807,086.3	836,480.4	1,488.00				Average	
		300+00.00	2119	807,286.3	836,478.7	1,493.30				Average	
		302+00.00	2120	807,486.3	836,476.9	1,498.60				Average	
		304+00.00	2121	807,686.3	836,475.2	1,503.40				Average	
		306+00.00	2122	807,886.3	836,473.5	1,506.30				Average	Y
		308+00.00	2123	808,086.3	836,471.7	1,507.40				Average	Y
		310+00.00	2124	808,286.2	836,470.0	1,506.70				Average	Y
		312+00.00	2125	808,486.2	836,468.3	1,504.00				Average	
		314+00.00	2126	808,686.2	836,466.5	1,499.50				Average	
		316+00.00	2127	808,886.2	836,464.8	1,494.80				Average	
		318+00.00	2128	809,086.2	836,463.1	1,491.30				Average	
		320+00.00	2129	809,286.2	836,461.3	1,489.30					
Ironwood Dr NB	24.0	point3001	3001	808,119.4	836,293.8	1,481.40				Average	

		20+14.219	2718	808,116.4	836,696.2	1,482.40					
Ironwood Dr NB_down	24.0	point3002	3002	808,116.4	836,696.2	1,482.40				Average	
		25+25.305	2719	808,106.8	837,133.2	1,482.00					
Ironwood Dr SB	24.0	point3003	3003	808,037.8	836,712.3	1,482.80				Average	
		8+24.668	2714	808,041.6	836,296.6	1,481.50					
Ironwood Dr SB_down	24.0	point3004	3004	808,041.6	836,296.6	1,481.50				Average	
		12+30.196	2715	808,049.5	835,903.2	1,479.70					
Meridian Rd NB	24.0	point3006	3006	802,028.3	836,348.1	1,447.30				Average	
		23+18.829	2728	802,022.2	836,755.3	1,448.10					
Meridian Rd NB_down	24.0	point3007	3007	802,022.2	836,755.3	1,448.10				Average	
		29+28.221	2729	802,008.4	837,291.5	1,449.50					
Meridian Rd SB	24.0	point3008	3008	801,930.3	836,764.6	1,448.10				Average	
		8+62.719	2724	801,940.8	836,344.9	1,447.20					
Meridian Rd SB_down	24.0	point3009	3009	801,940.8	836,344.9	1,447.20				Average	
		14+29.834	2725	801,956.3	835,858.3	1,445.90					
Signal Butte Rd NB	24.0	point3010	3010	796,753.5	836,389.4	1,424.90				Average	
		22+12.563	2736	796,750.4	836,813.4	1,425.30					
Signal Butte Rd NB_down	24.0	point3011	3011	796,750.4	836,813.4	1,425.30				Average	
		27+21.053	2737	796,737.8	837,235.0	1,425.70					
Signal Butte Rd SB	24.0	point3012	3012	796,679.5	836,809.0	1,425.30				Average	
		7+62.109	2732	796,684.5	836,390.6	1,424.90					
Signal Butte Rd SB_down	24.0	point3013	3013	796,684.5	836,390.6	1,424.90				Average	
		13+36.973	2733	796,696.3	835,901.3	1,423.40					

AZTEC **1 May 2025**
AZTEC **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: **F0719 SR24, SR 202L to Ironwood Drive**
RUN: **SR24, 2050 Build**

Roadway	Points		Segment									
Name	Name	No.	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Signal Butte EB OnRamp	0+00.000	1868	318	50	9	50	2	50	0	0	0	0
	2+00.000	1869	318	50	9	50	2	50	0	0	0	0
	4+00.000	1870	318	50	9	50	2	50	0	0	0	0
	6+00.000	1871	318	50	9	50	2	50	0	0	0	0
	8+00.000	1872	318	50	9	50	2	50	0	0	0	0
	10+00.000	1873	318	50	9	50	2	50	0	0	0	0
	12+00.000	1874	318	50	9	50	2	50	0	0	0	0
	14+00.000	1875	318	50	9	50	2	50	0	0	0	0
	16+00.000	1876	318	50	9	50	2	50	0	0	0	0
	18+00.000	1877										
Signal Butte WB OffRamp	18+00.000	1887	486	50	15	50	5	50	0	0	0	0
	16+00.000	1886	486	50	15	50	5	50	0	0	0	0
	14+00.000	1885	486	50	15	50	5	50	0	0	0	0
	12+00.000	1884	486	50	15	50	5	50	0	0	0	0
	10+00.000	1883	486	50	15	50	5	50	0	0	0	0
	8+00.000	1882	486	50	15	50	5	50	0	0	0	0
	6+00.000	1881	486	50	15	50	5	50	0	0	0	0
	4+00.000	1880	486	50	15	50	5	50	0	0	0	0
	2+00.000	1879	486	50	15	50	5	50	0	0	0	0
	0+00.000	1878										
Meridian EB OffRamp	point1888	1888	1541	50	109	50	16	50	0	0	0	0
	point1889	1889	1541	50	109	50	16	50	0	0	0	0
	point1890	1890	1541	50	109	50	16	50	0	0	0	0

	point1891	1891	1541	50	109	50	16	50	0	0	0	0
	point1892	1892	1541	50	109	50	16	50	0	0	0	0
	point1893	1893	1541	50	109	50	16	50	0	0	0	0
	point1894	1894	1541	50	109	50	16	50	0	0	0	0
	point1895	1895	1541	50	109	50	16	50	0	0	0	0
	point1896	1896	1541	50	109	50	16	50	0	0	0	0
	point1897	1897										
Meridian EB OnRamp	0+00.000	1898	191	50	7	50	4	50	0	0	0	0
	2+00.000	1899	191	50	7	50	4	50	0	0	0	0
	4+00.000	1900	191	50	7	50	4	50	0	0	0	0
	6+00.000	1901	191	50	7	50	4	50	0	0	0	0
	8+00.000	1902	191	50	7	50	4	50	0	0	0	0
	10+00.000	1903	191	50	7	50	4	50	0	0	0	0
	12+00.000	1904	191	50	7	50	4	50	0	0	0	0
	14+00.000	1905	191	50	7	50	4	50	0	0	0	0
	16+00.000	1906	191	50	7	50	4	50	0	0	0	0
	18+00.000	1907	191	50	7	50	4	50	0	0	0	0
	point2838	2838	191	50	7	50	4	50	0	0	0	0
	20+00.000	1908										
Meridian WB OffRamp	22+00.000	1920	204	50	9	50	3	50	0	0	0	0
	20+00.000	1919	204	50	9	50	3	50	0	0	0	0
	18+00.000	1918	204	50	9	50	3	50	0	0	0	0
	16+00.000	1917	204	50	9	50	3	50	0	0	0	0
	14+00.000	1916	204	50	9	50	3	50	0	0	0	0
	12+00.000	1915	204	50	9	50	3	50	0	0	0	0
	10+00.000	1914	204	50	9	50	3	50	0	0	0	0
	8+00.000	1913	204	50	9	50	3	50	0	0	0	0
	6+00.000	1912	204	50	9	50	3	50	0	0	0	0
	4+00.000	1911	204	50	9	50	3	50	0	0	0	0
	2+00.000	1910	204	50	9	50	3	50	0	0	0	0
	0+00.000	1909										
Meridian WB OnRamp	18+00.000	1930	1640	50	117	50	19	50	0	0	0	0
	16+00.000	1929	1640	50	117	50	19	50	0	0	0	0
	14+00.000	1928	1640	50	117	50	19	50	0	0	0	0
	12+00.000	1927	1640	50	117	50	19	50	0	0	0	0
	10+00.000	1926	1640	50	117	50	19	50	0	0	0	0

	8+00.000	1925	1640	50	117	50	19	50	0	0	0	0
	6+00.000	1924	1640	50	117	50	19	50	0	0	0	0
	4+00.000	1923	1640	50	117	50	19	50	0	0	0	0
	2+00.000	1922	1640	50	117	50	19	50	0	0	0	0
	0+00.000	1921										
Ironwood EB OffRamp	0+00.000	1931	2075	50	126	50	34	50	0	0	0	0
	2+00.000	1932	2075	50	126	50	34	50	0	0	0	0
	4+00.000	1933	2075	50	126	50	34	50	0	0	0	0
	6+00.000	1934	2075	50	126	50	34	50	0	0	0	0
	8+00.000	1935	2075	50	126	50	34	50	0	0	0	0
	10+00.000	1936	2075	50	126	50	34	50	0	0	0	0
	12+00.000	1937	2075	50	126	50	34	50	0	0	0	0
	14+00.000	1938	2075	50	126	50	34	50	0	0	0	0
	16+00.000	1939	2075	50	126	50	34	50	0	0	0	0
	18+00.000	1940	2075	50	126	50	34	50	0	0	0	0
	20+00.000	1941	2075	50	126	50	34	50	0	0	0	0
	22+00.000	1942										
Ironwood EB OnRamp	0+00.000	1943	19	50	1	50	0	0	0	0	0	0
	2+00.000	1944	19	50	1	50	0	0	0	0	0	0
	4+00.000	1945	19	50	1	50	0	0	0	0	0	0
	6+00.000	1946	19	50	1	50	0	0	0	0	0	0
	8+00.000	1947	19	50	1	50	0	0	0	0	0	0
	10+00.000	1948	19	50	1	50	0	0	0	0	0	0
	12+00.000	1949										
Ironwood WB OffRamp	12+00.000	1959	251	50	7	50	5	50	0	0	0	0
	10+00.000	1958	251	50	7	50	5	50	0	0	0	0
	8+00.000	1957	251	50	7	50	5	50	0	0	0	0
	6+00.000	1956	251	50	7	50	5	50	0	0	0	0
	4+00.000	1955	251	50	7	50	5	50	0	0	0	0
	2+00.000	1954	251	50	7	50	5	50	0	0	0	0
	0+00.000	1953										
Ironwood WB OnRamp	20+00.000	1973	1900	50	130	50	33	50	0	0	0	0
	18+00.000	1972	1900	50	130	50	33	50	0	0	0	0
	16+00.000	1971	1900	50	130	50	33	50	0	0	0	0
	14+00.000	1970	1900	50	130	50	33	50	0	0	0	0
	12+00.000	1969	1900	50	130	50	33	50	0	0	0	0

	10+00.000	1968	1900	50	130	50	33	50	0	0	0	0
	8+00.000	1967	1900	50	130	50	33	50	0	0	0	0
	6+00.000	1966	1900	50	130	50	33	50	0	0	0	0
	4+00.000	1965	1900	50	130	50	33	50	0	0	0	0
	2+00.000	1964	1900	50	130	50	33	50	0	0	0	0
	0	1963										
SR24_WB_In_1	320+00.000	2294	937	70	136	70	20	70	0	0	0	0
	318+00.000	2293	937	70	136	70	20	70	0	0	0	0
	316+00.000	2292	937	70	136	70	20	70	0	0	0	0
	314+00.000	2291	937	70	136	70	20	70	0	0	0	0
	312+00.000	2290	937	70	136	70	20	70	0	0	0	0
	310+00.000	2289	937	70	136	70	20	70	0	0	0	0
	308+00.000	2288	937	70	136	70	20	70	0	0	0	0
	306+00.000	2287	937	70	136	70	20	70	0	0	0	0
	304+00.000	2286	937	70	136	70	20	70	0	0	0	0
	302+00.000	2285	937	70	136	70	20	70	0	0	0	0
	300+00.000	2284	937	70	136	70	20	70	0	0	0	0
	298+00.000	2283	937	70	136	70	20	70	0	0	0	0
	296+00.000	2282	937	70	136	70	20	70	0	0	0	0
	294+00.000	2281	937	70	136	70	20	70	0	0	0	0
	292+00.000	2280	937	70	136	70	20	70	0	0	0	0
	290+00.000	2279	937	70	136	70	20	70	0	0	0	0
	288+00.000	2278	937	70	136	70	20	70	0	0	0	0
	286+00.000	2277										
SR24_WB_Out_1	320+00.000	2682	937	70	136	70	20	70	0	0	0	0
	318+00.000	2681	937	70	136	70	20	70	0	0	0	0
	316+00.000	2680	937	70	136	70	20	70	0	0	0	0
	314+00.000	2679	937	70	136	70	20	70	0	0	0	0
	312+00.000	2678	937	70	136	70	20	70	0	0	0	0
	310+00.000	2677	937	70	136	70	20	70	0	0	0	0
	308+00.000	2676	937	70	136	70	20	70	0	0	0	0
	306+00.000	2675	937	70	136	70	20	70	0	0	0	0
	304+00.000	2674	937	70	136	70	20	70	0	0	0	0
	302+00.000	2673	937	70	136	70	20	70	0	0	0	0
	300+00.000	2672	937	70	136	70	20	70	0	0	0	0
	298+00.000	2671	937	70	136	70	20	70	0	0	0	0

	296+00.000	2670	937	70	136	70	20	70	0	0	0	0
	294+00.000	2669	937	70	136	70	20	70	0	0	0	0
	292+00.000	2668	937	70	136	70	20	70	0	0	0	0
	290+00.000	2667	937	70	136	70	20	70	0	0	0	0
	288+00.000	2666	937	70	136	70	20	70	0	0	0	0
	286+00.000	2665										
Ironwood Dr SB_up	0	2712	1460	50	35	50	10	50	0	0	0	0
	3+96.945	2713										
Ironwood Dr NB_up	point2721	2721	2405	50	134	50	36	50	0	0	0	0
	16+23.821	2717										
Meridian Rd SB_up	0+00.000	2722	839	50	22	50	5	50	0	0	0	0
	4+72.083	2723										
Signal Butte Rd SB_up	0+00.000	2730	1217	50	35	50	7	50	0	0	0	0
	3+68.136	2731										
Signal Butte Rd NB_up	point2806	2806	1808	50	121	50	29	50	0	0	0	0
	18+16.986	2735										
Meridian Rd NB_up	point2808	2808	2139	50	128	50	21	50	0	0	0	0
	19+29.920	2727										
Signal Butte WB OnRamp	point2847	2847	85	50	7	50	0	0	0	0	0	0
	point2846	2846	85	50	7	50	0	0	0	0	0	0
	18+00.000	1855	85	50	7	50	0	0	0	0	0	0
	16+00.000	1854	85	50	7	50	0	0	0	0	0	0
	14+00.000	1853	85	50	7	50	0	0	0	0	0	0
	12+00.000	1852	85	50	7	50	0	0	0	0	0	0
	10+00.000	1851	85	50	7	50	0	0	0	0	0	0
	8+00.000	1850	85	50	7	50	0	0	0	0	0	0
	6+00.000	1849	85	50	7	50	0	0	0	0	0	0
	4+00.000	1848	85	50	7	50	0	0	0	0	0	0
	2+00.000	1847	85	50	7	50	0	0	0	0	0	0
	0+00.000	1846										
Signal Butte EB OffRamp	0+00.000	1857	721	50	87	50	23	50	0	0	0	0
	2+00.000	1858	721	50	87	50	23	50	0	0	0	0
	4+00.000	1859	721	50	87	50	23	50	0	0	0	0
	6+00.000	1860	721	50	87	50	23	50	0	0	0	0
	8+00.000	1861	721	50	87	50	23	50	0	0	0	0
	10+00.000	1862	721	50	87	50	23	50	0	0	0	0

	12+00.000	1863	721	50	87	50	23	50	0	0	0	0
	14+00.000	1864	721	50	87	50	23	50	0	0	0	0
	16+00.000	1865	721	50	87	50	23	50	0	0	0	0
	18+00.000	1866	721	50	87	50	23	50	0	0	0	0
	point2848	2848	721	50	87	50	23	50	0	0	0	0
	point2849	2849										
SR24_EB_Out_6	point2939	2939	2195	70	386	70	83	70	0	0	0	0
	174+00.000	2444	2195	70	386	70	83	70	0	0	0	0
	176+00.000	2445	2195	70	386	70	83	70	0	0	0	0
	178+00.000	2446	2195	70	386	70	83	70	0	0	0	0
	180+00.000	2447	2195	70	386	70	83	70	0	0	0	0
	182+00.000	2448	2195	70	386	70	83	70	0	0	0	0
	184+00.000	2449	2195	70	386	70	83	70	0	0	0	0
	186+00.000	2450	2195	70	386	70	83	70	0	0	0	0
	188+00.000	2451	2195	70	386	70	83	70	0	0	0	0
	190+00.000	2452	2195	70	386	70	83	70	0	0	0	0
	192+00.000	2453	2195	70	386	70	83	70	0	0	0	0
	194+00.000	2454	2195	70	386	70	83	70	0	0	0	0
	196+00.000	2455	2195	70	386	70	83	70	0	0	0	0
	198+00.000	2456	2195	70	386	70	83	70	0	0	0	0
	200+00.000	2457	2195	70	386	70	83	70	0	0	0	0
	202+00.000	2458	2195	70	386	70	83	70	0	0	0	0
	204+00.000	2459	2195	70	386	70	83	70	0	0	0	0
	206+00.000	2460	2195	70	386	70	83	70	0	0	0	0
	208+00.000	2461	2195	70	386	70	83	70	0	0	0	0
	210+00.000	2462	2195	70	386	70	83	70	0	0	0	0
	212+00.000	2463										
SR24_EB_In_6	point2940	2940	2195	70	386	70	83	70	0	0	0	0
	174+00.000	2056	2195	70	386	70	83	70	0	0	0	0
	176+00.000	2057	2195	70	386	70	83	70	0	0	0	0
	178+00.000	2058	2195	70	386	70	83	70	0	0	0	0
	180+00.000	2059	2195	70	386	70	83	70	0	0	0	0
	182+00.000	2060	2195	70	386	70	83	70	0	0	0	0
	184+00.000	2061	2195	70	386	70	83	70	0	0	0	0
	186+00.000	2062	2195	70	386	70	83	70	0	0	0	0
	188+00.000	2063	2195	70	386	70	83	70	0	0	0	0

	190+00.000	2064	2195	70	386	70	83	70	0	0	0	0
	192+00.000	2065	2195	70	386	70	83	70	0	0	0	0
	194+00.000	2066	2195	70	386	70	83	70	0	0	0	0
	196+00.000	2067	2195	70	386	70	83	70	0	0	0	0
	198+00.000	2068	2195	70	386	70	83	70	0	0	0	0
	200+00.000	2069	2195	70	386	70	83	70	0	0	0	0
	202+00.000	2070	2195	70	386	70	83	70	0	0	0	0
	204+00.000	2071	2195	70	386	70	83	70	0	0	0	0
	206+00.000	2072	2195	70	386	70	83	70	0	0	0	0
	208+00.000	2073	2195	70	386	70	83	70	0	0	0	0
	210+00.000	2074	2195	70	386	70	83	70	0	0	0	0
	212+00.000	2075										
SR24_WB_Out_5	point2943	2943	2534	70	358	70	52	70	0	0	0	0
	210+00.000	2627	2534	70	358	70	52	70	0	0	0	0
	208+00.000	2626	2534	70	358	70	52	70	0	0	0	0
	206+00.000	2625	2534	70	358	70	52	70	0	0	0	0
	204+00.000	2624	2534	70	358	70	52	70	0	0	0	0
	202+00.000	2623	2534	70	358	70	52	70	0	0	0	0
	200+00.000	2622	2534	70	358	70	52	70	0	0	0	0
	198+00.000	2621	2534	70	358	70	52	70	0	0	0	0
	196+00.000	2620	2534	70	358	70	52	70	0	0	0	0
	194+00.000	2619	2534	70	358	70	52	70	0	0	0	0
	192+00.000	2618	2534	70	358	70	52	70	0	0	0	0
	190+00.000	2617	2534	70	358	70	52	70	0	0	0	0
	188+00.000	2616	2534	70	358	70	52	70	0	0	0	0
	186+00.000	2615	2534	70	358	70	52	70	0	0	0	0
	184+00.000	2614	2534	70	358	70	52	70	0	0	0	0
	182+00.000	2613	2534	70	358	70	52	70	0	0	0	0
	180+00.000	2612	2534	70	358	70	52	70	0	0	0	0
	178+00.000	2611	2534	70	358	70	52	70	0	0	0	0
	176+00.000	2610	2534	70	358	70	52	70	0	0	0	0
	174+00.000	2609	2534	70	358	70	52	70	0	0	0	0
	172+00.000	2608										
SR24_WB_In_5	point2944	2944	2534	70	358	70	52	70	0	0	0	0
	210+00.000	2239	2534	70	358	70	52	70	0	0	0	0
	208+00.000	2238	2534	70	358	70	52	70	0	0	0	0

	206+00.000	2237	2534	70	358	70	52	70	0	0	0	0
	204+00.000	2236	2534	70	358	70	52	70	0	0	0	0
	202+00.000	2235	2534	70	358	70	52	70	0	0	0	0
	200+00.000	2234	2534	70	358	70	52	70	0	0	0	0
	198+00.000	2233	2534	70	358	70	52	70	0	0	0	0
	196+00.000	2232	2534	70	358	70	52	70	0	0	0	0
	194+00.000	2231	2534	70	358	70	52	70	0	0	0	0
	192+00.000	2230	2534	70	358	70	52	70	0	0	0	0
	190+00.000	2229	2534	70	358	70	52	70	0	0	0	0
	188+00.000	2228	2534	70	358	70	52	70	0	0	0	0
	186+00.000	2227	2534	70	358	70	52	70	0	0	0	0
	184+00.000	2226	2534	70	358	70	52	70	0	0	0	0
	182+00.000	2225	2534	70	358	70	52	70	0	0	0	0
	180+00.000	2224	2534	70	358	70	52	70	0	0	0	0
	178+00.000	2223	2534	70	358	70	52	70	0	0	0	0
	176+00.000	2222	2534	70	358	70	52	70	0	0	0	0
	174+00.000	2221	2534	70	358	70	52	70	0	0	0	0
	172+00.000	2220										
SR24_EB_Out_7	point2945	2945	2475	70	362	70	79	70	0	0	0	0
	214+00.000	2464	2475	70	362	70	79	70	0	0	0	0
	216+00.000	2465	2475	70	362	70	79	70	0	0	0	0
	218+00.000	2466	2475	70	362	70	79	70	0	0	0	0
	220+00.000	2467	2475	70	362	70	79	70	0	0	0	0
	222+00.000	2468	2475	70	362	70	79	70	0	0	0	0
	224+00.000	2469	2475	70	362	70	79	70	0	0	0	0
	226+00.000	2470	2475	70	362	70	79	70	0	0	0	0
	228+00.000	2471										
SR24_EB_In_7	point2946	2946	2475	70	362	70	79	70	0	0	0	0
	214+00.000	2076	2475	70	362	70	79	70	0	0	0	0
	216+00.000	2077	2475	70	362	70	79	70	0	0	0	0
	218+00.000	2078	2475	70	362	70	79	70	0	0	0	0
	220+00.000	2079	2475	70	362	70	79	70	0	0	0	0
	222+00.000	2080	2475	70	362	70	79	70	0	0	0	0
	224+00.000	2081	2475	70	362	70	79	70	0	0	0	0
	226+00.000	2082	2475	70	362	70	79	70	0	0	0	0
	228+00.000	2083										

SR24_WB_Out_4	point2947	2947	2553	70	308	70	44	70	0	0	0	0
	226+00.000	2635	2553	70	308	70	44	70	0	0	0	0
	224+00.000	2634	2553	70	308	70	44	70	0	0	0	0
	222+00.000	2633	2553	70	308	70	44	70	0	0	0	0
	220+00.000	2632	2553	70	308	70	44	70	0	0	0	0
	218+00.000	2631	2553	70	308	70	44	70	0	0	0	0
	216+00.000	2630	2553	70	308	70	44	70	0	0	0	0
	214+00.000	2629	2553	70	308	70	44	70	0	0	0	0
	212+00.000	2628										
SR24_WB_In_4	point2948	2948	2553	70	308	70	44	70	0	0	0	0
	226+00.000	2247	2553	70	308	70	44	70	0	0	0	0
	224+00.000	2246	2553	70	308	70	44	70	0	0	0	0
	222+00.000	2245	2553	70	308	70	44	70	0	0	0	0
	220+00.000	2244	2553	70	308	70	44	70	0	0	0	0
	218+00.000	2243	2553	70	308	70	44	70	0	0	0	0
	216+00.000	2242	2553	70	308	70	44	70	0	0	0	0
	214+00.000	2241	2553	70	308	70	44	70	0	0	0	0
	212+00.000	2240										
SR24_EB_Out_8	point2949	2949	1761	70	255	70	66	70	0	0	0	0
	230+00.000	2472	1761	70	255	70	66	70	0	0	0	0
	232+00.000	2473	1761	70	255	70	66	70	0	0	0	0
	234+00.000	2474	1761	70	255	70	66	70	0	0	0	0
	236+00.000	2475	1761	70	255	70	66	70	0	0	0	0
	238+00.000	2476	1761	70	255	70	66	70	0	0	0	0
	240+00.000	2477	1761	70	255	70	66	70	0	0	0	0
	242+00.000	2478	1761	70	255	70	66	70	0	0	0	0
	244+00.000	2479	1761	70	255	70	66	70	0	0	0	0
	246+00.000	2480	1761	70	255	70	66	70	0	0	0	0
	248+00.000	2481	1761	70	255	70	66	70	0	0	0	0
	250+00.000	2482	1761	70	255	70	66	70	0	0	0	0
	252+00.000	2483	1761	70	255	70	66	70	0	0	0	0
	254+00.000	2484	1761	70	255	70	66	70	0	0	0	0
	256+00.000	2485	1761	70	255	70	66	70	0	0	0	0
	258+00.000	2486	1761	70	255	70	66	70	0	0	0	0
	260+00.000	2487	1761	70	255	70	66	70	0	0	0	0
	262+00.000	2488	1761	70	255	70	66	70	0	0	0	0

	264+00.000	2489	1761	70	255	70	66	70	0	0	0	0
	266+00.000	2490	1761	70	255	70	66	70	0	0	0	0
	268+00.000	2491										
SR24_EB_In_8	point2950	2950	1761	70	255	70	66	70	0	0	0	0
	230+00.000	2084	1761	70	255	70	66	70	0	0	0	0
	232+00.000	2085	1761	70	255	70	66	70	0	0	0	0
	234+00.000	2086	1761	70	255	70	66	70	0	0	0	0
	236+00.000	2087	1761	70	255	70	66	70	0	0	0	0
	238+00.000	2088	1761	70	255	70	66	70	0	0	0	0
	240+00.000	2089	1761	70	255	70	66	70	0	0	0	0
	242+00.000	2090	1761	70	255	70	66	70	0	0	0	0
	244+00.000	2091	1761	70	255	70	66	70	0	0	0	0
	246+00.000	2092	1761	70	255	70	66	70	0	0	0	0
	248+00.000	2093	1761	70	255	70	66	70	0	0	0	0
	250+00.000	2094	1761	70	255	70	66	70	0	0	0	0
	252+00.000	2095	1761	70	255	70	66	70	0	0	0	0
	254+00.000	2096	1761	70	255	70	66	70	0	0	0	0
	256+00.000	2097	1761	70	255	70	66	70	0	0	0	0
	258+00.000	2098	1761	70	255	70	66	70	0	0	0	0
	260+00.000	2099	1761	70	255	70	66	70	0	0	0	0
	262+00.000	2100	1761	70	255	70	66	70	0	0	0	0
	264+00.000	2101	1761	70	255	70	66	70	0	0	0	0
	266+00.000	2102	1761	70	255	70	66	70	0	0	0	0
	268+00.000	2103										
SR24_EB_Out_9	point2951	2951	1864	70	253	70	66	70	0	0	0	0
	270+00.000	2492	1864	70	253	70	66	70	0	0	0	0
	272+00.000	2493	1864	70	253	70	66	70	0	0	0	0
	274+00.000	2494	1864	70	253	70	66	70	0	0	0	0
	276+00.000	2495	1864	70	253	70	66	70	0	0	0	0
	278+00.000	2496	1864	70	253	70	66	70	0	0	0	0
	280+00.000	2497	1864	70	253	70	66	70	0	0	0	0
	282+00.000	2498	1864	70	253	70	66	70	0	0	0	0
	284+00.000	2499	1864	70	253	70	66	70	0	0	0	0
	286+00.000	2500										
SR24_EB_In_9	point2952	2952	1864	70	253	70	66	70	0	0	0	0
	270+00.000	2104	1864	70	253	70	66	70	0	0	0	0

	272+00.000	2105	1864	70	253	70	66	70	0	0	0	0
	274+00.000	2106	1864	70	253	70	66	70	0	0	0	0
	276+00.000	2107	1864	70	253	70	66	70	0	0	0	0
	278+00.000	2108	1864	70	253	70	66	70	0	0	0	0
	280+00.000	2109	1864	70	253	70	66	70	0	0	0	0
	282+00.000	2110	1864	70	253	70	66	70	0	0	0	0
	284+00.000	2111	1864	70	253	70	66	70	0	0	0	0
	286+00.000	2112										
SR24_WB_In_3	point2953	2953	1753	70	228	70	36	70	0	0	0	0
	266+00.000	2267	1753	70	228	70	36	70	0	0	0	0
	264+00.000	2266	1753	70	228	70	36	70	0	0	0	0
	262+00.000	2265	1753	70	228	70	36	70	0	0	0	0
	260+00.000	2264	1753	70	228	70	36	70	0	0	0	0
	258+00.000	2263	1753	70	228	70	36	70	0	0	0	0
	256+00.000	2262	1753	70	228	70	36	70	0	0	0	0
	254+00.000	2261	1753	70	228	70	36	70	0	0	0	0
	252+00.000	2260	1753	70	228	70	36	70	0	0	0	0
	250+00.000	2259	1753	70	228	70	36	70	0	0	0	0
	248+00.000	2258	1753	70	228	70	36	70	0	0	0	0
	246+00.000	2257	1753	70	228	70	36	70	0	0	0	0
	244+00.000	2256	1753	70	228	70	36	70	0	0	0	0
	242+00.000	2255	1753	70	228	70	36	70	0	0	0	0
	240+00.000	2254	1753	70	228	70	36	70	0	0	0	0
	238+00.000	2253	1753	70	228	70	36	70	0	0	0	0
	236+00.000	2252	1753	70	228	70	36	70	0	0	0	0
	234+00.000	2251	1753	70	228	70	36	70	0	0	0	0
	232+00.000	2250	1753	70	228	70	36	70	0	0	0	0
	230+00.000	2249	1753	70	228	70	36	70	0	0	0	0
	228+00.000	2248										
SR24_WB_Out_3	point2954	2954	1753	70	228	70	36	70	0	0	0	0
	266+00.000	2655	1753	70	228	70	36	70	0	0	0	0
	264+00.000	2654	1753	70	228	70	36	70	0	0	0	0
	262+00.000	2653	1753	70	228	70	36	70	0	0	0	0
	260+00.000	2652	1753	70	228	70	36	70	0	0	0	0
	258+00.000	2651	1753	70	228	70	36	70	0	0	0	0
	256+00.000	2650	1753	70	228	70	36	70	0	0	0	0

	254+00.000	2649	1753	70	228	70	36	70	0	0	0	0
	252+00.000	2648	1753	70	228	70	36	70	0	0	0	0
	250+00.000	2647	1753	70	228	70	36	70	0	0	0	0
	248+00.000	2646	1753	70	228	70	36	70	0	0	0	0
	246+00.000	2645	1753	70	228	70	36	70	0	0	0	0
	244+00.000	2644	1753	70	228	70	36	70	0	0	0	0
	242+00.000	2643	1753	70	228	70	36	70	0	0	0	0
	240+00.000	2642	1753	70	228	70	36	70	0	0	0	0
	238+00.000	2641	1753	70	228	70	36	70	0	0	0	0
	236+00.000	2640	1753	70	228	70	36	70	0	0	0	0
	234+00.000	2639	1753	70	228	70	36	70	0	0	0	0
	232+00.000	2638	1753	70	228	70	36	70	0	0	0	0
	230+00.000	2637	1753	70	228	70	36	70	0	0	0	0
	228+00.000	2636										
SR24_WB_Out_2	point2955	2955	1861	70	227	70	36	70	0	0	0	0
	284+00.000	2664	1861	70	227	70	36	70	0	0	0	0
	282+00.000	2663	1861	70	227	70	36	70	0	0	0	0
	280+00.000	2662	1861	70	227	70	36	70	0	0	0	0
	278+00.000	2661	1861	70	227	70	36	70	0	0	0	0
	276+00.000	2660	1861	70	227	70	36	70	0	0	0	0
	274+00.000	2659	1861	70	227	70	36	70	0	0	0	0
	272+00.000	2658	1861	70	227	70	36	70	0	0	0	0
	270+00.000	2657	1861	70	227	70	36	70	0	0	0	0
	268+00.000	2656										
SR24_WB_In_2	point2956	2956	1861	70	227	70	36	70	0	0	0	0
	284+00.000	2276	1861	70	227	70	36	70	0	0	0	0
	282+00.000	2275	1861	70	227	70	36	70	0	0	0	0
	280+00.000	2274	1861	70	227	70	36	70	0	0	0	0
	278+00.000	2273	1861	70	227	70	36	70	0	0	0	0
	276+00.000	2272	1861	70	227	70	36	70	0	0	0	0
	274+00.000	2271	1861	70	227	70	36	70	0	0	0	0
	272+00.000	2270	1861	70	227	70	36	70	0	0	0	0
	270+00.000	2269	1861	70	227	70	36	70	0	0	0	0
	268+00.000	2268										
SR24_EB_Out_10	point2957	2957	890	70	141	70	35	70	0	0	0	0
	288+00.000	2501	890	70	141	70	35	70	0	0	0	0

	290+00.000	2502	890	70	141	70	35	70	0	0	0	0
	292+00.000	2503	890	70	141	70	35	70	0	0	0	0
	294+00.000	2504	890	70	141	70	35	70	0	0	0	0
	296+00.000	2505	890	70	141	70	35	70	0	0	0	0
	298+00.000	2506	890	70	141	70	35	70	0	0	0	0
	300+00.000	2507	890	70	141	70	35	70	0	0	0	0
	302+00.000	2508	890	70	141	70	35	70	0	0	0	0
	304+00.000	2509	890	70	141	70	35	70	0	0	0	0
	306+00.000	2510	890	70	141	70	35	70	0	0	0	0
	308+00.000	2511	890	70	141	70	35	70	0	0	0	0
	310+00.000	2512	890	70	141	70	35	70	0	0	0	0
	312+00.000	2513	890	70	141	70	35	70	0	0	0	0
	314+00.000	2514	890	70	141	70	35	70	0	0	0	0
	316+00.000	2515	890	70	141	70	35	70	0	0	0	0
	318+00.000	2516	890	70	141	70	35	70	0	0	0	0
	320+00.000	2517										
SR24_EB_In_10	point2958	2958	890	70	141	70	35	70	0	0	0	0
	288+00.000	2113	890	70	141	70	35	70	0	0	0	0
	290+00.000	2114	890	70	141	70	35	70	0	0	0	0
	292+00.000	2115	890	70	141	70	35	70	0	0	0	0
	294+00.000	2116	890	70	141	70	35	70	0	0	0	0
	296+00.000	2117	890	70	141	70	35	70	0	0	0	0
	298+00.000	2118	890	70	141	70	35	70	0	0	0	0
	300+00.000	2119	890	70	141	70	35	70	0	0	0	0
	302+00.000	2120	890	70	141	70	35	70	0	0	0	0
	304+00.000	2121	890	70	141	70	35	70	0	0	0	0
	306+00.000	2122	890	70	141	70	35	70	0	0	0	0
	308+00.000	2123	890	70	141	70	35	70	0	0	0	0
	310+00.000	2124	890	70	141	70	35	70	0	0	0	0
	312+00.000	2125	890	70	141	70	35	70	0	0	0	0
	314+00.000	2126	890	70	141	70	35	70	0	0	0	0
	316+00.000	2127	890	70	141	70	35	70	0	0	0	0
	318+00.000	2128	890	70	141	70	35	70	0	0	0	0
	320+00.000	2129										
Ironwood Dr NB	point3001	3001	880	50	19	50	5	50	0	0	0	0
	20+14.219	2718										

Ironwood Dr NB_down	point3002	3002	1485	50	38	50	12	50	0	0	0	0
	25+25.305	2719										
Ironwood Dr SB	point3003	3003	793	50	13	50	3	50	0	0	0	0
	8+24.668	2714										
Ironwood Dr SB_down	point3004	3004	2514	50	126	50	34	50	0	0	0	0
	12+30.196	2715										
Meridian Rd NB	point3006	3006	2108	50	126	50	20	50	0	0	0	0
	23+18.829	2728										
Meridian Rd NB_down	point3007	3007	782	50	21	50	5	50	0	0	0	0
	29+28.221	2729										
Meridian Rd SB	point3008	3008	729	50	18	50	5	50	0	0	0	0
	8+62.719	2724										
Meridian Rd SB_down	point3009	3009	2110	50	122	50	17	50	0	0	0	0
	14+29.834	2725										
Signal Butte Rd NB	point3010	3010	1595	50	121	50	28	50	0	0	0	0
	22+12.563	2736										
Signal Butte Rd NB_down	point3011	3011	1203	50	39	50	8	50	0	0	0	0
	27+21.053	2737										
Signal Butte Rd SB	point3012	3012	1534	50	40	50	8	50	0	0	0	0
	7+62.109	2732										
Signal Butte Rd SB_down	point3013	3013	1943	50	147	50	33	50	0	0	0	0
	13+36.973	2733										

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Median Barrier	W	0.00	99.99	0.00				0.00	point635	635	794,487.4	836,670.2	1,419.50	3.50	0.00	0	0		
									point636	636	794,686.9	836,647.8	1,420.50	3.50	0.00	0	0		
									point637	637	794,886.9	836,630.8	1,421.40	3.50	0.00	0	0		
									point638	638	795,087.4	836,618.8	1,422.40	3.50	0.00	0	0		
									point639	639	795,288.1	836,612.1	1,424.00	3.50	0.00	0	0		
									point640	640	795,488.4	836,609.8	1,426.80	3.50	0.00	0	0		
									point641	641	795,688.4	836,608.1	1,430.70	3.50	0.00	0	0		
									point642	642	795,888.4	836,606.4	1,435.80	3.50	0.00	0	0		
									point643	643	796,088.4	836,604.6	1,441.40	3.50	0.00	0	0		
									point644	644	796,288.4	836,602.9	1,445.80	3.50	0.00	0	0		
									point645	645	796,488.4	836,601.2	1,448.60	3.50	0.00	0	0	Y	
									point646	646	796,688.4	836,599.4	1,449.80	3.50	0.00	0	0	Y	
									point647	647	796,888.4	836,597.8	1,449.50	3.50	0.00	0	0	Y	
									point648	648	797,088.4	836,596.1	1,447.60	3.50	0.00	0	0		
									point649	649	797,288.4	836,594.2	1,444.20	3.50	0.00	0	0		
									point650	650	797,488.4	836,592.6	1,439.80	3.50	0.00	0	0		
									point651	651	797,688.4	836,590.8	1,437.20	3.50	0.00	0	0		
									point652	652	797,888.4	836,589.1	1,436.90	3.50	0.00	0	0		
									point653	653	798,088.4	836,587.3	1,438.90	3.50	0.00	0	0		
									point654	654	798,288.4	836,585.6	1,443.10	3.50	0.00	0	0		
									point655	655	798,488.4	836,583.8	1,448.90	3.50	0.00	0	0		
									point656	656	798,688.4	836,582.1	1,454.10	3.50	0.00	0	0		
									point657	657	798,888.4	836,580.4	1,457.50	3.50	0.00	0	0		
									point658	658	799,088.4	836,578.6	1,459.10	3.50	0.00	0	0		
									point659	659	799,288.4	836,576.9	1,458.90	3.50	0.00	0	0		
									point660	660	799,488.4	836,575.2	1,457.00	3.50	0.00	0	0		
									point661	661	799,688.4	836,573.4	1,453.30	3.50	0.00	0	0		
									point662	662	799,888.4	836,571.8	1,448.90	3.50	0.00	0	0		
									point663	663	800,088.4	836,570.1	1,445.10	3.50	0.00	0	0		
									point664	664	800,288.2	836,568.2	1,443.40	3.50	0.00	0	0		
									point665	665	800,488.2	836,566.6	1,443.90	3.50	0.00	0	0		
									point666	666	800,688.2	836,564.8	1,446.50	3.50	0.00	0	0		
									point667	667	800,888.2	836,563.1	1,451.20	3.50	0.00	0	0		
									point668	668	801,088.2	836,561.3	1,456.60	3.50	0.00	0	0		
									point669	669	801,288.2	836,559.6	1,461.90	3.50	0.00	0	0		

									point670	670	801,488.2	836,557.8	1,466.80	3.50	0.00	0	0		
									point671	671	801,688.2	836,556.1	1,470.10	3.50	0.00	0	0		
									point672	672	801,888.2	836,554.4	1,471.90	3.50	0.00	0	0	Y	
									point673	673	802,088.2	836,552.6	1,472.10	3.50	0.00	0	0	Y	
									point674	674	802,288.2	836,550.9	1,470.70	3.50	0.00	0	0		
									point675	675	802,488.2	836,549.2	1,467.70	3.50	0.00	0	0		
									point676	676	802,688.2	836,547.4	1,463.60	3.50	0.00	0	0		
									point677	677	802,888.1	836,545.8	1,460.20	3.50	0.00	0	0		
									point678	678	803,088.1	836,544.1	1,457.60	3.50	0.00	0	0		
									point679	679	803,288.1	836,542.2	1,455.70	3.50	0.00	0	0		
									point680	680	803,488.1	836,540.6	1,454.60	3.50	0.00	0	0		
									point681	681	803,688.1	836,538.8	1,453.50	3.50	0.00	0	0		
									point682	682	803,888.1	836,537.1	1,452.50	3.50	0.00	0	0		
									point683	683	804,088.1	836,535.3	1,451.40	3.50	0.00	0	0		
									point684	684	804,288.1	836,533.6	1,450.70	3.50	0.00	0	0		
									point685	685	804,488.1	836,531.8	1,450.70	3.50	0.00	0	0		
									point686	686	804,688.1	836,530.1	1,451.50	3.50	0.00	0	0		
									point687	687	804,888.1	836,528.4	1,453.10	3.50	0.00	0	0		
									point688	688	805,088.1	836,526.6	1,455.20	3.50	0.00	0	0		
									point689	689	805,288.1	836,524.9	1,457.30	3.50	0.00	0	0		
									point690	690	805,488.1	836,523.2	1,459.30	3.50	0.00	0	0		
									point691	691	805,688.1	836,521.4	1,461.40	3.50	0.00	0	0		
									point692	692	805,888.1	836,519.8	1,463.50	3.50	0.00	0	0		
									point693	693	806,088.1	836,518.1	1,465.80	3.50	0.00	0	0		
									point694	694	806,288.1	836,516.2	1,468.90	3.50	0.00	0	0		
									point695	695	806,488.1	836,514.6	1,472.80	3.50	0.00	0	0		
									point696	696	806,688.1	836,512.8	1,477.50	3.50	0.00	0	0		
									point697	697	806,888.1	836,511.1	1,482.80	3.50	0.00	0	0		
									point698	698	807,088.1	836,509.3	1,488.00	3.50	0.00	0	0		
									point699	699	807,288.1	836,507.6	1,493.30	3.50	0.00	0	0		
									point700	700	807,488.1	836,505.8	1,498.60	3.50	0.00	0	0		
									point701	701	807,688.1	836,504.1	1,503.40	3.50	0.00	0	0		
									point702	702	807,888.1	836,502.4	1,506.30	3.50	0.00	0	0	Y	
									point703	703	808,088.1	836,500.6	1,507.40	3.50	0.00	0	0	Y	
									point704	704	808,287.9	836,498.9	1,506.70	3.50	0.00	0	0	Y	
									point705	705	808,487.9	836,497.2	1,504.00	3.50	0.00	0	0		
									point706	706	808,687.9	836,495.4	1,499.50	3.50	0.00	0	0		
									point707	707	808,887.9	836,493.8	1,494.80	3.50	0.00	0	0		
									point708	708	809,087.9	836,492.1	1,491.30	3.50	0.00	0	0		
									point709	709	809,287.9	836,490.2	1,489.30	3.50					
survyed wall1	W	0.00	99.99	0.00				0.00	59250408004	712	799,406.1	837,460.3	1,438.62	6.55	0.00	0	0		
									59250408007	715	799,405.7	837,381.3	1,438.71	6.51	0.00	0	0		
									59250408008	716	799,405.0	837,313.8	1,438.18	7.05	0.00	0	0		
									59250408011	719	799,404.5	837,248.0	1,438.57	6.59	0.00	0	0		
									59250408012	720	799,404.0	837,212.5	1,438.25	6.94	0.00	0	0		
									59250408015	723	799,406.2	837,210.7	1,438.66	6.73	0.00	0	0		
									59250408016	724	799,457.7	837,210.4	1,438.72	6.60	0.00	0	0		
									59250408019	727	799,501.3	837,210.1	1,438.09	7.26					
survyed wall2	W	0.00	99.99	0.00				0.00	59250408030	855	799,556.0	837,166.8	1,438.67	7.18	0.00	0	0		

									59250408033	740	799,555.7	837,108.1	1,439.15	6.66	0.00	0	0		
									59250408034	741	799,555.5	837,071.7	1,439.19	6.70	0.00	0	0		
									59250408037	744	799,557.7	837,069.3	1,439.11	7.31	0.00	0	0		
									59250408038	745	799,629.1	837,069.3	1,439.30	7.04	0.00	0	0		
									59250408041	748	799,681.4	837,069.0	1,439.21	7.08	0.00	0	0		
									59250408042	749	799,706.3	837,068.3	1,439.66	6.65	0.00	0	0		
									59250408046	753	799,769.4	837,068.3	1,440.24	6.85	0.00	0	0		
									59250408047	754	799,806.2	837,067.4	1,440.46	6.62	0.00	0	0		
									59250408051	758	799,862.9	837,067.4	1,440.81	6.91	0.00	0	0		
									59250408052	759	799,906.4	837,066.7	1,441.11	6.62	0.00	0	0		
									59250408056	763	799,939.0	837,066.8	1,441.21	7.10	0.00	0	0		
									59250408057	860	799,956.7	837,066.2	1,441.55	6.85	0.00	0	0		
									59250408062	769	800,006.6	837,066.4	1,441.75	6.77	0.00	0	0		
									59250408073	780	800,007.1	837,119.9	1,439.93	7.07	0.00	0	0		
									59250408074	781	800,007.7	837,162.3	1,439.73	7.26					
survyed wall3	W	0.00	99.99	0.00				0.00	59250408077	857	800,037.2	837,162.3	1,440.40	7.09	0.00	0	0		
									59250408078	785	800,036.8	837,117.6	1,440.34	7.10	0.00	0	0		
									59250408090	861	800,036.7	837,066.0	1,442.17	7.38	0.00	0	0		
									59250408091	798	800,086.5	837,065.6	1,442.30	7.19	0.00	0	0		
									59250408095	802	800,157.0	837,064.9	1,442.85	7.27	0.00	0	0		
									59250408096	803	800,224.5	837,064.6	1,442.76	7.37	0.00	0	0		
									59250408100	807	800,296.8	837,063.9	1,443.51	7.29	0.00	0	0		
									59250408101	808	800,369.1	837,063.7	1,443.64	7.14	0.00	0	0		
									59250408104	862	800,443.2	837,063.0	1,444.07	6.68	0.00	0	0		
									59250408105	812	800,487.4	837,062.3	1,444.25	6.58	0.00	0	0		
									59250408109	816	800,563.3	837,062.3	1,444.33	7.09	0.00	0	0		
									59250408110	817	800,603.7	837,061.9	1,444.33	7.19	0.00	0	0		
									59250408119	826	800,637.7	837,061.3	1,443.83	7.67	0.00	0	0		
									59250408122	829	800,638.6	837,119.2	1,442.44	7.06	0.00	0	0		
									59250408125	832	800,639.0	837,171.1	1,442.38	7.20					
survyed wall4	W	0.00	99.99	0.00				0.00	59250408135	859	800,673.2	837,222.2	1,442.43	6.48	0.00	0	0		
									59250408136	843	800,715.9	837,222.0	1,442.52	6.35	0.00	0	0		
									59250408140	847	800,769.2	837,222.1	1,442.69	6.35	0.00	0	0		
									59250408141	848	800,769.5	837,295.1	1,442.71	6.31	0.00	0	0		
									59250408144	851	800,770.1	837,359.8	1,442.69	6.26	0.00	0	0		
									59250408145	852	800,770.9	837,412.1	1,442.89	6.07					

AZTEC 1 May 2025
AZTEC TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: F0719 SR24, SR 202L to Ironwood Drive
RUN: SR24, 2050 Build

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
R196	542	1	797,579.1	837,170.2	1,427.00	5.00	0.00	66	15.0	7.0	
R197	543	1	798,578.8	837,147.1	1,431.00	5.00	0.00	66	15.0	7.0	
R198	544	3	799,433.8	837,419.6	1,438.70	5.00	0.00	66	15.0	7.0	
R199	545	2	799,432.5	837,266.7	1,438.40	5.00	0.00	66	15.0	7.0	
R200	546	3	799,565.1	837,091.7	1,439.20	5.00	0.00	66	15.0	7.0	
R201	547	3	799,771.9	837,098.7	1,440.30	5.00	0.00	66	15.0	7.0	
R202	548	3	799,965.3	837,082.7	1,441.60	5.00	0.00	66	15.0	7.0	
R203	549	2	800,050.0	837,079.8	1,442.20	5.00	0.00	66	15.0	7.0	
R204	550	4	800,205.0	837,076.2	1,442.80	5.00	0.00	66	15.0	7.0	
R205	551	3	800,407.1	837,077.4	1,443.90	5.00	0.00	66	15.0	7.0	
R206	552	3	800,601.9	837,072.4	1,444.30	5.00	0.00	66	15.0	7.0	
R207	553	2	800,751.8	837,238.8	1,442.70	5.00	0.00	66	15.0	7.0	
R208	554	2	800,752.7	837,340.0	1,442.70	5.00	0.00	66	15.0	7.0	
R209	555	1	801,576.6	837,189.6	1,445.00	5.00	0.00	66	15.0	7.0	
R210	556	1	797,588.8	836,104.5	1,429.00	5.00	0.00	66	15.0	7.0	
R211	557	1	798,325.4	836,245.3	1,429.00	5.00	0.00	66	15.0	7.0	
R212	558	1	799,382.3	835,896.9	1,434.00	5.00	0.00	66	15.0	7.0	
R213	559	1	800,109.4	836,091.3	1,437.00	5.00	0.00	66	15.0	7.0	
R214	560	1	801,129.8	836,044.4	1,441.00	5.00	0.00	66	15.0	7.0	
R215	561	1	802,603.8	837,317.2	1,450.00	5.00	0.00	66	15.0	7.0	
R216	562	1	802,654.1	837,103.2	1,450.00	5.00	0.00	66	15.0	7.0	
R217	563	1	803,669.8	837,079.2	1,453.00	5.00	0.00	66	15.0	7.0	

R218	564	1	804,668.9	837,035.7	1,457.00	5.00	0.00	66	15.0	7.0	
R219	565	1	805,668.8	837,025.8	1,462.00	5.00	0.00	66	15.0	7.0	
R220	566	1	806,667.8	837,072.9	1,467.00	5.00	0.00	66	15.0	7.0	
R221	567	1	807,665.4	837,141.5	1,474.00	5.00	0.00	66	15.0	7.0	
R222	568	1	802,994.1	836,053.6	1,448.00	5.00	0.00	66	15.0	7.0	
R223	569	1	804,288.9	836,099.6	1,454.00	5.00	0.00	66	15.0	7.0	
R224	570	1	805,468.6	836,092.5	1,461.00	5.00	0.00	66	15.0	7.0	
R225	572	1	807,279.0	835,974.7	1,471.00	5.00	0.00	66	15.0	7.0	
R222A	574	1	802,517.7	836,023.2	1,447.00	5.00	0.00	66	15.0	7.0	
Mon8	589	1	800,016.4	837,040.8	1,438.00	5.00	0.00	66	15.0	7.0	
Mon9	590	1	805,405.7	836,190.4	1,461.00	5.00	0.00	66	15.0	7.0	

Certificate Of Completion

Envelope Id: 25829789-E8D6-4D83-9DF3-8CF527C6678C
Status: Completed
Subject: Complete with Docusign: F0719_SR24_Final_Noise Report_20250606_complete.pdf
Source Envelope:
Document Pages: 320
Signatures: 1
Certificate Pages: 1
Initials: 0
AutoNav: Enabled
EnvelopeId Stamping: Disabled
Time Zone: (UTC-07:00) Arizona

Envelope Originator:
Daniel Torres
206 S 17th Ave
Phoenix, AZ 85007
dtorres4@azdot.gov
IP Address: 170.85.54.110

Record Tracking

Status: Original
6/6/2025 3:31:08 PM
Holder: Daniel Torres
dtorres4@azdot.gov
Location: DocuSign

Signer Events	Signature	Timestamp
Daniel Torres dtorres4@azdot.gov ADOT Security Level: Email, Account Authentication (None)	DocuSigned by: Daniel Torres 0A764598C75B43B... Signature Adoption: Pre-selected Style Using IP Address: 162.59.200.193	Sent: 6/6/2025 3:32:04 PM Viewed: 6/6/2025 3:32:14 PM Signed: 6/6/2025 3:33:10 PM Freeform Signing

Electronic Record and Signature Disclosure:
Not Offered via Docusign

In Person Signer Events	Signature	Timestamp

Editor Delivery Events	Status	Timestamp

Agent Delivery Events	Status	Timestamp

Intermediary Delivery Events	Status	Timestamp

Certified Delivery Events	Status	Timestamp

Carbon Copy Events	Status	Timestamp

Witness Events	Signature	Timestamp

Notary Events	Signature	Timestamp

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	6/6/2025 3:32:04 PM
Certified Delivered	Security Checked	6/6/2025 3:32:14 PM
Signing Complete	Security Checked	6/6/2025 3:33:10 PM
Completed	Security Checked	6/6/2025 3:33:10 PM

Payment Events	Status	Timestamps