Attachment B AEDT Nonstandard Data Request and Approval

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MEMORANDUM

To:	Ms. Danielle Gresser, Community Involvement Specialist Air Traffic Organization (ATO) Central Service Center Operations Support Group, ECINA (AJV-C25) Federal Aviation Administration (FAA)
From:	Missi Shumer, SETIS 2405 Technical Project Manager, HMMH Scott Polzin, Environmental Engineer I, HMMH
Cc:	Lesley Walcourt, Program Analyst, Concept Solutions Robert Mentzer, Jr., Environmental Engineer I and PHX EA Noise Lead, HMMH
Date:	August 22, 2025
Re:	Request for Non-standard AEDT Modeling Approval Phoenix Area FAA Modernization Project Environmental Assessment
Reference:	Contract 693KA8-22-D-00024 Task Order 693KA8-25-F-00015

This memorandum details the non-standard aircraft substitution data to be included in the Phoenix Area Federal Aviation Administration (FAA) Modernization Project Environmental Assessment (PHX EA). Team CS, consisting of prime contractor Concept Solutions and teammates, Harris Miller Miller & Hanson Inc. (HMMH), are developing the inputs for the FAA's Aviation Environmental Design Tool (AEDT).

The FAA's AEDT Version 3g[1] will be used to model the noise effects resulting from proposed changes to the airspace. The purpose of this memorandum is to request FAA approval for non-standard aircraft substitutions, specifically for aircraft types that lack predefined entries within the AEDT database.

BACKGROUND

While AEDT 3g includes supporting noise data, certain aircraft types are not included in the AEDT database and require substitutions. Since this is an airspace study, procedure step profiles for both arrivals and departures are required to use altitude controls in AEDT. These altitude controls are important to adequately model the noise impact of different altitude profiles such as existing step-down procedures in comparison to proposed new flight profiles. Team CS attempted to identify surrogate aircraft types and departure and/or arrival aircraft type profiles that would be compatible with AEDT.

This memorandum aligns with the guidance in Section 5 of the FAA document titled "*Guidance on Using the Aviation Environmental Design Tool (AEDT) to Conduct Environmental Modeling for FAA Actions Subject to NEPA*" dated October 27, 2017 (herein referred to as "AEDT guidance document"). This request falls under Section 5.2.2, which covers analysis methods requiring review by the FAA Office of Environment and Energy (AEE), including:

- Non-standard aircraft noise and performance data substitutions for aircraft that do not exist in AEDT default data.

Team CS believes that this request should be routed in accordance with Section 5.1 of the AEDT guidance document, which states that the project consultant must submit the review package to the appropriate FAA headquarters office after coordinating with the FAA project manager in the district office. As such, Team CS asks that you please route this memo appropriately within FAA. After the review cycle at FAA headquarters, Team CS expects a document from AEE responding to the substitutions presented in this memorandum. Team CS requests that the FAA review and

[1] AEDT Version 3g released on August 28, 2024, https://aedt.faa.gov/3g_information.aspx.

approve these AEDT 3g substitutes for each of these aircraft types or provide a suitable substitution. The AEE response will be included in the PHX EA technical documentation supporting the noise analysis.

AIRCRAFT LACKING PROCEDURAL PROFILES SUBSTITUTIONS

The methodology used to evaluate aircraft substitutions consisted of first developing a list of aircraft types that require substitutions. The resulting list was cross-referenced against AEDT-recommended substitutions, and if available, the AEDT recommendation would be used. Next, for the aircraft types that only have fixed point profiles, an analysis determined the best AEDT aircraft procedure step profile substitution, and the results are presented in **Table 1**. FAA approval is requested for the use of the Aircraft Noise Performance (ANP) types and AEDT equipment IDs shown in the table for the type of operation listed, based on the considerations in the following subsections.

Table 1. Aircraft Lacking Procedural Profiles Substitutions

Aircraft Code [1]	Represented Aircraft [1]	Description and Engine Type [1]	Operation Type	AEDT EQUIP_ID [2]	AEDT ANP_ID [2]	AEDT Airframe [2]	AEDT ENGINE _ID [2]	AEDT BADA [2]
B753	Boeing 757-300	Twin-engine jet	Arrivals Only	392	757RR	Boeing 757-200 Series	1430	B752
B772	Boeing 777-200	Twin-engine jet	Arrivals Only	665	7773ER	Boeing 777-300 ER	2153	B77W
B77L	Boeing 777-200LR	Twin-engine jet	Arrivals Only	665	7773ER	Boeing 777-300 ER	2153	B77W
GL5T	Bombardier Global 5000	Twin-engine jet	Arrivals & Departures	2432	GV	Gulfstream V-SP	1377	GLF5
GLEX	Bombardier Global Express	Twin-engine jet	Arrivals & Departures	2432	GV	Gulfstream V-SP	1377	GLF5
GLF6	Gulfstream G650ER	Twin-engine jet	Arrivals & Departures	2432	GV	Gulfstream V-SP	1377	GLF5
MD11GE	Boeing MD-11 Freighter (GE Engines)	Tri-jet	Arrivals Only	1356	DC1030	Boeing MD-10-30	1217	DC10
MD11PW	Boeing MD-11 Freighter (PW Engines)	Tri-jet	Arrivals Only	1356	DC1030	Boeing MD-10-30	1217	DC10
MD88	Boeing MD-88	Twin-engine jet	Arrivals Only	2091	MD9025	Boeing MD-90	1437	MD83
F900	Dassault Falcon 900-LX	Tri-jet	Departures Only	3818	COMJET	1985 Business Jet	1205	F900

Notes:
[1] Aircraft Information is presented in the first three columns of the table.
[2] Proposed AEDT 3G Assignment Data is presented in the last five columns of the table.
Source: HMMH 2025, AEDT 3g

Boeing 757-300 (B753)

The AEDT type 757300 (a direct match) was used for the AEDT departure model substitution for the B753. Because there is no arrival procedure step in AEDT for the B753, the substitution 757RR was used for arrivals. This aircraft is a variant of the Boeing 757, and is similar in size, configuration, and engine type.

Boeing 777-200 (B772)

The AEDT type 777200 was recommended by the AEDT model substitution database and was used as a departure substitution aircraft for the B772, but the 777200 does not have arrival procedure step profiles available. Thus, for arrivals the AEDT type 7773ER was used. Both of these aircraft are variants of the B772 and are similar aircraft in size, configuration, and engine type.

Boeing 777-200LR (B77L)

The AEDT type 777300 was recommended by the AEDT model substitution database and was used as a departure substitution aircraft for the B77L, but the 777300 does not have arrival procedure step profiles available. Thus, for arrivals the AEDT type 7773ER was used. Both of these aircraft are variants of the B77L and are similar aircraft in size, configuration, and engine type.

Bombardier Global 5000 (GL5T)

The AEDT type BD-700-1A11 (a direct match) is the recommended AEDT model type for the GL5T. Because the BD-700-1A11 does not have procedure step arrival and departure profiles, the Gulfstream V (GV) was used. The Bombardier Global 5000, with a maximum takeoff weight (MTOW) of 92,500 pounds (lbs), having 2 x BR710A2-20 engines, each generating 14,750 lbs (65.6 kilonewton [kN]) thrust was mapped to the Gulfstream V (GV), with a MTOW of 90,500 lbs (41,050 kilogram [kg]), having 2 × Rolls-Royce BR710A1-10 turbofan engines, each generating 14,750 lbs (65.6 kN) thrust each engine. The GL5T aircraft is a variant of the GV and is similar in size, configuration, and engine type.

Bombardier Global Express (GLEX)

The AEDT type BD-700-1A10 (a direct match) is the recommended AEDT model type for the GLEX. Because the BD-700-1A10 does not have arrival and departure profiles, the Gulfstream V (GV) was used. The Bombardier Global Express, with a MTOW of 99,500 lbs, having 2 x BR10A2-20 engines, each generating 14,750 lbs (65.6 kN) of thrust was mapped to the Gulfstream V (GV), with a MTOW of 90,500 lbs (41,050 kg), having 2 × Rolls-Royce BR710A1-10 turbofan engines, each generating 14,750 lbs (65.6 kN) thrust each engine. The GLEX aircraft is a variant of the GV and is similar in size, configuration, and engine type.

Gulfstream G650ER (GLF6)

The AEDT type G650ER (a direct match) is the recommended AEDT model type for the GLF6. Because the G650ER does not have procedure step arrival and departure profiles, the Gulfstream V (GV) was used. The Gulfstream G650ER, with a MTOW of 103,600 lbs, having 2 x BR-700-725A1-12 engines, each generating 16,792 lbs of thrust was mapped to the Gulfstream V (GV), with a MTOW of 90,500 lbs, having 2 × Rolls-Royce BR710A1-10 turbofan engines, each generating 14,600 lbs thrust each engine. The G650ER aircraft is a variant of the GV and is similar in size, configuration, and engine type.

Boeing MD-11 Freighter (MD11GE)

The AEDT type MD11GE (a direct match) was recommended by the AEDT model substitution database and was used as a departure substitution aircraft for the MD11GE, but the MD11GE does not have arrival procedure step profiles available. Thus, for arrivals the AEDT type DC1030 was used. The DC1030 substitution is the closest match within AEDT to the MD11GE in terms of aircraft size, configuration, and engine type.

Boeing MD-11 Freighter (MD11PW)

The AEDT type MD11PW (a direct match) was recommended by the AEDT model substitution database and was used as a departure substitution aircraft for the MD11PW, but the MD11PW does not have arrival procedure step profiles available. Thus, for arrivals the AEDT type DC1030 was used. The DC1030 substitution is the closest match within AEDT to the MD11PW in terms of aircraft size, configuration, and engine type.

Boeing MD-88 (MD83)

The AEDT type MD83 (a direct match) was recommended by the AEDT model substitution database and was used as a departure substitution aircraft for the MD88, but the MD83 does not have arrival procedure step profiles available. Thus, for arrivals the AEDT type MD9025 was used. The MD9025 substitution is the closest match within AEDT to the MD83 in terms of aircraft size, configuration, and engine type.

Dassault Falcon 900-LX (F900)

The AEDT type FAL900EX (a direct match) was recommended by the AEDT model substitution database and was used as a departure substitution aircraft for the F900, but the FA900EX does not have arrival procedure step profiles available. Thus, for arrivals the AEDT type COMJET was used. The COMJET substitution is the closest match within AEDT to the F900 in terms of aircraft size, configuration, and engine type.

AIRCRAFT SUBSTITUTIONS

Table 2 shows aircraft type information in the operations data that do not appear in the "FltActypeToUniqueEquipMap" table in the AEDT 3g FLEET database. FAA approval is requested for the use of the ANP types and AEDT equipment IDs shown in the table, based on the considerations in the following subsections.

Table 2. Aircraft Substitutions

Aircraft Code [1]	Represented Aircraft [1]	Description and Engine Type [1]	Operation Type	AEDT EQUIP_ID [2]	AEDT ANP_ID [2]	AEDT Airframe [2]	AEDT ENGINE _ID [2]	AEDT BADA [2]
HAWK	BAE Systems T-45 Goshawk	Single-engine jet	Arrivals & Departures	1816	A7D	A-7E Corsair	1713	F16
PIAT	Pipistrel Alpha Trainer	Single-engine piston	Arrivals & Departures	1887	GASEPF	Piper PA-28 Cherokee Series	1594	P28A

Notes:
[1] Aircraft Information is presented in the first three columns of the table.
[2] Proposed AEDT 3G Assignment Data is presented in the last five columns of the table.
Source: HMMH 2025, AEDT 3g

BAE Systems T-45 Goshawk (HAWK)

The HAWK is associated with military operations and therefore are presumed to be the BAE Systems T-45 Goshawk, which is a two seat, single engine jet trainer. The number of operations is relatively small compared to the overall activity at Scottsdale Airport (SDL); however, this is one of the few military aircraft types operating at SDL.

Team CS proposes to represent HAWK operations with ANP type A7D. The selection of ANP type A7D looks to be the best match among the available types with procedure step arrival and departure profiles. We have selected AEDT 3g equipment ID 1816, which uses ANP Aircraft Type A7D. AEDT 3g equipment ID 1816 is not expected to represent any other operations on this project, which allows the HAWK operations to be identifiable throughout the modeling and reporting process.

Pipistrel Alpha Trainer (PIAT)

The PIAT is associated with light trainer aircraft operations, and this aircraft represents the majority of the Instrument Flight Rules (IFR) operations at Buckeye Municipal Airport (BXK). The PIAT has a fixed-pitch propeller and a Rotax 912 UL engine with a maximum takeoff weight of 1,212 lbs.

Team CS proposes to represent PIAT operations with ANP type GASEPF. The selection of ANP type GASEPF looks to be the best match among the available types. Team CS has selected AEDT 3g equipment ID 1887, which uses ANP Aircraft Type GASEPF.

REQUEST FOR APPROVAL

Team CS respectfully requests the FAA's review and approval of the proposed non-standard substitutions for each of these aircraft types or provide a suitable substitution. Following resolution, the AEE's response will be appended to the technical documentation of the EA.

U.S. Department of Transportation
Federal Aviation Administration

Office of Environment and Energy

800 Independence Ave., S.W.
Washington, D.C. 20591

8/26/2025

Danielle Gresser
Community Involvement Specialist
Air Traffic Organization, Central Service Center
Operations Support Group, ECINA (AJV-C25)
Federal Aviation Administration
10101 Hillwood Parkway
Fort Worth, TX 76177

Dear Danielle Gresser,

The Office of Environment and Energy (AEE) has received the memo from HMMH dated August 22, 2025, referencing the Phoenix Area FAA Modernization Project Environmental Assessment (EA). The memo requests approval for multiple non-standard AEDT aircraft substitutions.

AEE has reviewed the proposed substitutions and approves with the substitutions as detailed in in the tables below.

Table 1: Aircraft Lacking Procedural Profiles in the AEDT 3g Database

- AEE approves the proposed arrival only substitutions for the Boeing B753, B772, B77L, and the McDonnell Douglas MD11 and MD88 aircraft types.
- AEE approves the proposed departure and arrival substitutions for the Bombardier Global 5000 and Global Express, and Gulfstream G650ER aircraft types.
- AEE approves the proposed departure only substitutions for the Dassault Falcon 900-LX aircraft type.

Table 2: Aircraft Not Present in the AEDT 3g Database

- AEE approves the proposed substitutions for the T-45 Goshawk and Pipistrel Alpha Trainer aircraft types.

Table 1: Aircraft Lacking Procedural Profiles in the AEDT 3g database

HMMH Proposed and FAA AEE Approved Substitutions							
Aircraft Code	**Represented Aircraft**	**AEDT EQUIP_ID**	**AEDT Airframe**	**AEDT Engine**	**AEDT ANP_ID**	**AEDT BADA_ID**	**Notes**
B753	Boeing 757-300	392	Boeing 757-200 Series	RB211-535E4B	757RR	B752	**Approved Non-Standard Arrival**
B772	Boeing 777-200	665	Boeing 777-300 ER	GE90-115B	7773ER	B77W	**Approved Non-Standard Arrival**
B77L	Boeing 777-200LR	665	Boeing 777-300 ER	GE90-115B	7773ER	B77W	**Approved Non-Standard Arrival**
MD11GE	MD-11 Freighter GE Engines	1356	Boeing MD-10-30	CF6-6D	DC1030	DC10	**Approved Non-Standard Arrival**
MD11PW	MD-11 Freighter PW Engines	1356	Boeing MD-10-30	CF6-6D	DC1030	DC10	**Approved Non-Standard Arrival**
MD88	MD-88	2091	Boeing MD-90	BR700-715C1-30	MD9025	MD83	**Approved Non-Standard Arrival**
GL5T	Bombardier Global 5000	2432	Gulfstream V-SP	BR700-710A1-10	GV	GLF5	**Approved Non-Standard Arrival and Departure**
GLEX	Bombardier Global Express	2432	Gulfstream V-SP	BR700-710A1-10	GV	GLF5	**Approved Non-Standard Arrival and Departure**
GLF6	Gulfstream G650ER	2432	Gulfstream V-SP	BR700-710A1-10	GV	GLF5	**Approved Non-Standard Arrival and Departure**
F900	Dassault Falcon 900-LX	3818	1985 BUSINESS JET	TFE731-3	COMJET	F900	**Approved Non-Standard Departure**

Table 2: Aircraft Not Present in the AEDT 3g Database

HMMH Proposed and FAA AEE Approved Substitutions							
Aircraft Code	**Represented Aircraft**	**AEDT EQUIP_ID**	**AEDT Airframe**	**AEDT Engine**	**AEDT ANP_ID**	**AEDT BADA_ID**	**Notes**
HAWK	BAE Systems T-45 Goshawk	1816	A-7E Corsair	TF41-A-2	A7D	F16	**Approved**
PIAT	Pipistrel Alpha Trainer	1887	Piper PA-28 Cherokee Series	O-320	GASEPF	P28A	**Approved**

Please understand that this approval is limited to this particular Environmental Assessment for the Phoenix Area FAA Modernization Project and for use with AEDT 3g only. Further non-standard AEDT inputs for additional projects at this or any other site will require separate approval.

Sincerely,

DONALD S SCATA JR

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Date: 2025.08.26 09:29:36 -04'00'

Donald S. Scata Jr.
Deputy Director
AEE-2 / Office of Environment and Energy

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Attachment C Census Block Noise Changes

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C.1 Reportable Noise Changes - 2027

There were no U.S. Census block centroids with a significant change (+/- 1.5 dB) within the DNL 65 dB due to the Proposed Action in 2027.

Table C-1 identifies the U.S. Census block centroids that would experience a DNL +/- 3 dB or greater change in areas exposed to DNL between 60 dB and 65 dB under the 2027 Proposed Action when compared to the 2027 No Action Alternative **Exhibit 16** in the Noise Technical Report identifies the location of the population centroids with a reportable change for the census blocks. For the affected centroids, **Table C-1** provides the U.S. Census block identification number, geographical coordinates (latitude and longitude), population count, the calculated DNL under No Action Alternative and Proposed Action for 2027, and the change in DNL. The total number of people experiencing a reportable increase or reportable decrease due to the Proposed Action is shown in the table. The population centroids with a 3 dB increase are located to the southwest of the Runway 3 end at SDL and the population centroids with a 3 dB decrease are located to the west of the Runway 3 end at SDL.

Table C-1. Reportable Noise Change (+/- 3 dB) Between the DNL 60 dB and 65 dB Range – 2027

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131032072005	33.605811	-111.931547	46	57.7	60.8	3.1
G040131032072006	33.606539	-111.927798	35	57.5	61.7	4.2
G040131032072007	33.605779	-111.929676	32	57.4	61.4	4.0
Total Increase			**113**			
G040131032201026	33.613086	-111.929050	34	60.2	56.2	-4.0
G040131032201027	33.612361	-111.929057	42	60.6	57.1	-3.5
G040131032201032	33.611634	-111.929063	34	61.2	58.0	-3.2
Total Decrease			**110**			

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: US Census Bureau 2020, AEDT 3g

Table C-2 identifies the U.S. Census block centroids that would experience a DNL 5 dB or greater increase in areas exposed to DNL between 45 dB and 60 dB under the 2027 Proposed Action when compared to the 2027 No Action Alternative. **Exhibit 16** in the Noise Technical Report identifies the location of the population centroids with a reportable change for the census blocks. For the affected centroids, **Table C-2** provides the U.S. Census block identification number, geographical coordinates (latitude and longitude), population count, the calculated DNL under No Action Alternative and Proposed Action for 2027, and the change in DNL. As shown in the table, a total of 65,674 people associated with 542 population centroids would be affected. The population centroids are located in three general areas. The first area is

located near SDL, the second area is north of DVT, and the third area is between SDL and DVT associated with changes to departures at both airports and PHX SIDs DNHIL, SNRIZ, SNWBD.

Table C-2. Reportable Noise Increase (+5 dB) Between the DNL 45 dB and 60 dB Range – 2027

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131032061019	33.599020	-111.943937	61	48.5	53.7	5.1
G040131032062026	33.603535	-111.945110	44	51.5	56.8	5.3
G040131032062028	33.602342	-111.945120	40	50.8	56.4	5.6
G040131032062029	33.602345	-111.947614	51	50.3	55.5	5.2
G040131032062033	33.601103	-111.945131	36	49.8	55.4	5.6
G040131032072008	33.604592	-111.928471	59	54.4	59.6	5.2
G040131032072009	33.602905	-111.932155	30	53.8	59.1	5.3
G040131032072010	33.602200	-111.933890	35	53.5	58.7	5.2
G040131032072011	33.602091	-111.935239	57	53.5	58.7	5.2
G040131032072013	33.602218	-111.939163	59	52.1	58.0	5.9
G040131032072014	33.603450	-111.941604	37	52.5	57.6	5.1
G040131032072015	33.602233	-111.941605	26	51.5	57.4	5.9
G040131032072016	33.601019	-111.941581	34	50.5	56.5	6.0
G040131032072019	33.598710	-111.934000	44	48.5	53.8	5.3
G040131032072020	33.598525	-111.931716	71	47.7	52.7	5.1
G040131032072021	33.601277	-111.931526	41	50.9	56.7	5.8
G040131032072022	33.602223	-111.929710	28	51.4	57.1	5.7
G040131032072023	33.603421	-111.929130	45	52.9	58.4	5.5
G040131032072026	33.601393	-111.928729	57	49.9	55.3	5.4
G040131032072027	33.601069	-111.937243	24	52.2	57.6	5.4
G040131032072028	33.602267	-111.937162	32	52.8	58.4	5.6
G040131032072030	33.602212	-111.933137	11	53.2	58.6	5.4
G040131032111010	33.623142	-111.994621	39	42.7	47.9	5.2
G040131032111015	33.622224	-111.992097	21	43.2	48.2	5.0
G040131032111016	33.622008	-111.994521	29	42.5	48.3	5.7
G040131032111017	33.619686	-111.988602	105	43.8	49.1	5.3
G040131032111018	33.620401	-111.989354	65	43.7	48.9	5.2
G040131032111019	33.620126	-111.993328	84	42.5	48.7	6.1
G040131032111020	33.621335	-111.993005	40	42.8	48.5	5.7
G040131032112019	33.616937	-111.985720	74	44.2	49.6	5.5
G040131032112020	33.615455	-111.983599	118	44.6	49.8	5.2
G040131032112027	33.614010	-111.984161	100	44.0	49.2	5.2
G040131032112029	33.613349	-111.985556	22	43.4	48.5	5.1
G040131032113000	33.618730	-111.989080	68	43.4	49.2	5.8
G040131032113001	33.614299	-111.991208	313	42.1	47.3	5.2
G040131032113003	33.617059	-111.991217	35	42.6	48.5	6.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131032113004	33.617032	-111.990344	61	42.8	48.8	6.0
G040131032113007	33.618453	-111.993111	51	42.3	48.5	6.2
G040131032113008	33.618762	-111.994675	26	42.0	48.3	6.2
G040131032113009	33.617328	-111.995679	38	41.7	47.5	5.9
G040131032113010	33.618029	-111.994567	28	42.0	48.1	6.1
G040131032113011	33.617344	-111.993870	60	42.0	48.0	6.0
G040131032113012	33.616604	-111.993884	42	41.9	47.7	5.8
G040131032113013	33.615702	-111.993593	60	41.8	47.3	5.5
G040131032113016	33.614306	-111.988275	52	42.8	48.2	5.3
G040131032113017	33.615213	-111.988095	61	43.1	48.6	5.6
G040131032113018	33.616349	-111.987591	65	43.4	49.2	5.7
G040131032113019	33.617711	-111.987521	49	43.7	49.4	5.7
G040131032113020	33.617021	-111.989249	76	43.1	49.0	5.9
G040131032113021	33.613400	-111.987411	21	42.9	47.9	5.1
G040131033021000	33.625920	-112.002503	75	41.5	47.0	5.6
G040131033021001	33.624449	-112.003485	128	41.2	47.4	6.2
G040131033021002	33.624425	-112.005469	94	41.0	47.2	6.2
G040131033021003	33.623391	-112.007081	221	40.8	46.9	6.1
G040131033021004	33.621604	-112.006742	68	40.7	46.4	5.7
G040131033021005	33.624386	-112.006570	13	40.9	47.1	6.2
G040131033021006	33.621598	-112.005919	79	40.8	46.6	5.9
G040131033021007	33.620913	-112.007558	34	40.6	45.9	5.3
G040131033021008	33.621650	-112.007607	36	40.7	46.2	5.6
G040131033021010	33.619792	-112.005878	126	40.7	45.9	5.2
G040131033021011	33.621573	-112.005076	64	40.8	46.8	6.0
G040131033021012	33.620880	-112.004215	108	40.9	46.8	5.9
G040131033021013	33.623047	-112.003395	53	41.1	47.4	6.3
G040131033021014	33.623066	-112.001244	60	41.4	47.7	6.3
G040131033021015	33.624449	-112.001139	95	41.5	47.5	5.9
G040131033021016	33.624453	-112.001971	40	41.4	47.4	6.0
G040131033021017	33.620877	-112.003394	81	41.0	47.0	6.0
G040131033021018	33.620880	-112.002569	99	41.0	47.2	6.1
G040131033021019	33.621253	-112.001687	80	41.2	47.5	6.3
G040131033021020	33.620660	-112.000917	150	41.2	47.5	6.3
G040131033022000	33.622421	-111.997157	65	42.0	48.0	6.0
G040131033022001	33.622025	-111.999348	69	41.6	47.9	6.4
G040131033022002	33.621680	-111.997451	35	41.9	48.1	6.3
G040131033022003	33.620287	-111.999882	170	41.3	47.6	6.3
G040131033022004	33.620208	-111.998027	67	41.6	47.9	6.3
G040131033022005	33.618760	-111.998856	66	41.3	47.3	6.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131033022006	33.617870	-112.000702	109	41.0	46.4	5.4
G040131033022010	33.617624	-112.002071	71	40.9	45.9	5.0
G040131033022013	33.618067	-111.998847	58	41.3	47.0	5.7
G040131033022014	33.617502	-111.997134	102	41.5	47.2	5.8
G040131033022015	33.619595	-111.996631	20	41.8	48.1	6.3
G040131033022016	33.617319	-111.996272	65	41.6	47.4	5.8
G040131033022023	33.616795	-111.998876	80	41.1	46.3	5.2
G040131033022024	33.616256	-111.998289	75	41.2	46.2	5.1
G040131033022029	33.615848	-111.997226	25	41.3	46.3	5.1
G040131033023000	33.624576	-111.998181	688	42.1	47.4	5.3
G040131033024006	33.625688	-112.011500	27	40.7	46.6	5.9
G040131033024007	33.624428	-112.011491	44	40.7	46.3	5.7
G040131033024008	33.623222	-112.011496	78	40.6	45.9	5.3
G040131033033001	33.629041	-112.007962	21	41.1	46.3	5.2
G040131033033007	33.630585	-112.012320	24	40.9	46.0	5.1
G040131033033009	33.627926	-112.011216	83	40.9	46.6	5.8
G040131033033010	33.629496	-112.009805	86	41.0	46.2	5.2
G040131033041009	33.634593	-112.019885	42	40.7	45.8	5.1
G040131033041010	33.634422	-112.018870	80	40.7	45.7	5.0
G040131033042001	33.631738	-112.014507	425	40.8	45.9	5.1
G040131033042002	33.628132	-112.014459	379	40.8	46.4	5.6
G040131033043000	33.632415	-112.016686	359	40.8	45.9	5.1
G040131033043001	33.633152	-112.018857	66	40.7	45.9	5.2
G040131033043002	33.630527	-112.017908	288	40.7	46.1	5.4
G040131033043003	33.629329	-112.018387	83	40.7	46.0	5.3
G040131033043004	33.627604	-112.018803	697	40.6	45.6	5.0
G040131033043005	33.628130	-112.016632	208	40.7	46.1	5.5
G040131033051000	33.639021	-112.027574	378	40.6	46.2	5.6
G040131033051001	33.637911	-112.029718	535	40.6	46.3	5.7
G040131033051002	33.635733	-112.027531	100	40.7	46.1	5.5
G040131033051003	33.636666	-112.027545	78	40.6	46.2	5.6
G040131033051004	33.636342	-112.027533	78	40.6	46.2	5.5
G040131033051005	33.637259	-112.027548	65	40.6	46.2	5.6
G040131033051007	33.634292	-112.028238	105	40.7	45.9	5.2
G040131033051008	33.634885	-112.029940	27	40.7	45.8	5.2
G040131033052001	33.640142	-112.025411	21	40.6	45.8	5.2
G040131033052002	33.639075	-112.025419	177	40.6	45.9	5.3
G040131033052006	33.638058	-112.023442	56	40.6	45.7	5.1
G040131033052007	33.638047	-112.025406	52	40.6	46.0	5.4
G040131033052008	33.637335	-112.025395	70	40.6	46.1	5.4

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131033052009	33.637342	-112.023436	82	40.6	45.8	5.2
G040131033052010	33.636148	-112.023429	170	40.7	46.0	5.3
G040131033052011	33.636566	-112.025395	65	40.7	46.1	5.4
G040131033052012	33.635727	-112.025385	45	40.7	46.1	5.5
G040131033052013	33.634595	-112.025382	116	40.7	46.1	5.4
G040131033052014	33.634604	-112.023417	91	40.7	46.1	5.4
G040131033052015	33.634075	-112.022392	329	40.7	46.0	5.3
G040131033052016	33.636349	-112.022321	184	40.6	45.8	5.2
G040131033052017	33.636179	-112.021107	168	40.6	45.7	5.0
G040131033062000	33.633149	-112.020411	43	40.7	46.0	5.3
G040131033062001	33.632813	-112.022445	397	40.7	46.0	5.3
G040131033062002	33.632116	-112.023201	145	40.7	45.9	5.2
G040131033062004	33.630386	-112.020615	126	40.7	45.9	5.1
G040131033062005	33.631073	-112.020553	108	40.7	45.9	5.2
G040131033062006	33.631810	-112.020552	94	40.7	46.0	5.3
G040131033062007	33.632529	-112.020518	82	40.7	46.0	5.3
G040131036041000	33.634054	-112.093156	63	40.1	45.4	5.3
G040131036041006	33.633035	-112.087557	19	40.1	45.2	5.2
G040131036041012	33.631561	-112.087526	20	40.1	45.1	5.0
G040131036041017	33.638484	-112.095868	22	40.2	45.6	5.4
G040131036042000	33.638952	-112.080621	88	40.4	45.5	5.2
G040131036042002	33.638229	-112.086047	58	40.1	45.6	5.5
G040131036042003	33.637128	-112.086060	33	40.0	45.5	5.5
G040131036042004	33.638089	-112.083930	88	40.1	45.5	5.4
G040131036042005	33.637080	-112.083985	35	40.1	45.5	5.4
G040131036042006	33.634065	-112.086372	34	40.0	45.3	5.3
G040131036042007	33.635365	-112.086675	34	40.0	45.4	5.4
G040131036042008	33.634719	-112.084268	36	40.0	45.3	5.3
G040131036042009	33.633949	-112.083142	94	40.0	45.2	5.2
G040131036042010	33.633887	-112.084151	41	40.0	45.2	5.3
G040131036042011	33.636454	-112.080389	156	40.2	45.4	5.2
G040131036042012	33.637491	-112.081735	66	40.2	45.5	5.3
G040131036042013	33.635915	-112.081600	64	40.1	45.4	5.2
G040131036042014	33.635923	-112.079652	30	40.2	45.3	5.1
G040131036042015	33.632808	-112.086116	71	40.0	45.2	5.2
G040131036042016	33.634486	-112.082001	58	40.0	45.2	5.2
G040131036042017	33.633828	-112.081579	51	40.0	45.2	5.1
G040131036042018	33.635005	-112.080615	71	40.1	45.3	5.1
G040131036042019	33.634499	-112.079255	51	40.1	45.2	5.0
G040131036042020	33.633840	-112.079631	54	40.1	45.1	5.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131036063000	33.638791	-112.034416	216	40.5	46.2	5.7
G040131036063001	33.636875	-112.033100	74	40.5	45.9	5.4
G040131036063002	33.637593	-112.033104	100	40.5	46.1	5.5
G040131036063003	33.639348	-112.038406	46	40.3	45.9	5.6
G040131036063020	33.637776	-112.038443	84	40.3	45.4	5.2
G040131036063023	33.636494	-112.032460	77	40.6	45.9	5.3
G040131036063024	33.635586	-112.032957	84	40.5	45.6	5.1
G040131036081008	33.631459	-112.106774	1,060	40.3	45.5	5.2
G040131036081009	33.632489	-112.105862	68	40.3	45.5	5.2
G040131036081010	33.633369	-112.107251	31	40.4	45.6	5.2
G040131036081011	33.629755	-112.103143	103	40.3	45.3	5.1
G040131036081012	33.628506	-112.108910	38	40.3	45.4	5.1
G040131036081013	33.631498	-112.105831	119	40.3	45.5	5.2
G040131036081014	33.632074	-112.103157	83	40.3	45.5	5.2
G040131036081015	33.628728	-112.103281	39	40.2	45.2	5.0
G040131036081016	33.629953	-112.106307	88	40.3	45.4	5.2
G040131036081017	33.631008	-112.101488	130	40.3	45.4	5.1
G040131036081018	33.627735	-112.109793	106	40.3	45.4	5.1
G040131036081019	33.631808	-112.101313	96	40.3	45.4	5.1
G040131036081021	33.626578	-112.110796	70	40.3	45.3	5.0
G040131036081022	33.627735	-112.112563	397	40.3	45.5	5.1
G040131036082000	33.632109	-112.109335	92	40.4	45.6	5.2
G040131036082001	33.632201	-112.112649	79	40.4	45.6	5.2
G040131036082002	33.630478	-112.114410	228	40.4	45.6	5.2
G040131036082003	33.631053	-112.115025	92	40.4	45.6	5.2
G040131036082004	33.627800	-112.115315	501	40.4	45.5	5.2
G040131036082005	33.629330	-112.108933	134	40.3	45.5	5.2
G040131036082006	33.630115	-112.109921	49	40.3	45.5	5.2
G040131036082007	33.631532	-112.110001	57	40.3	45.6	5.2
G040131036082008	33.630175	-112.111353	83	40.3	45.6	5.2
G040131036082009	33.630330	-112.112662	78	40.4	45.6	5.2
G040131036082010	33.629294	-112.111919	91	40.3	45.5	5.2
G040131042072013	33.630174	-112.122814	80	40.7	45.7	5.0
G040131042072014	33.628797	-112.123402	89	40.6	45.7	5.0
G040131042072019	33.627176	-112.123729	48	40.6	45.7	5.0
G040131042072021	33.627362	-112.122445	65	40.6	45.7	5.1
G040131042072022	33.626134	-112.121933	143	40.6	45.6	5.0
G040131042072024	33.626686	-112.125020	55	40.7	45.7	5.0
G040132168311003	33.598364	-111.935113	21	48.6	53.6	5.1
G040132168422017	33.672702	-111.921884	291	42.9	50.7	7.8

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040132168422019	33.675459	-111.921177	71	43.3	48.9	5.6
G040132168422020	33.671042	-111.917204	37	44.4	49.8	5.5
G040132168422021	33.678427	-111.922984	138	43.0	48.0	5.1
G040132168422023	33.677909	-111.923136	47	42.9	48.4	5.6
G040132168442004	33.665514	-111.918349	233	42.7	50.5	7.8
G040132168442005	33.667175	-111.920020	1,543	42.4	50.5	8.1
G040132168442006	33.668981	-111.916639	9	44.5	51.0	6.5
G040132168442008	33.669683	-111.922347	30	42.1	50.5	8.4
G040136118001003	33.702467	-112.146842	318	38.4	45.1	6.7
G040136118001006	33.701318	-112.145844	88	38.6	45.1	6.5
G040136118001007	33.701998	-112.145667	110	38.6	45.3	6.8
G040136118001008	33.702910	-112.144544	66	38.7	45.2	6.5
G040136118001023	33.701297	-112.143447	78	38.9	45.7	6.8
G040136118003014	33.699840	-112.141200	215	39.3	46.0	6.7
G040136118003015	33.701151	-112.141283	57	39.2	45.5	6.3
G040136123011037	33.716153	-112.086434	10	39.7	45.4	5.7
G040136123011039	33.714030	-112.090236	13	39.8	45.2	5.4
G040136123011040	33.717885	-112.090370	5	39.2	45.4	6.3
G040136123011041	33.715197	-112.090751	12	39.5	45.4	5.9
G040136123011042	33.715684	-112.093638	86	39.3	45.1	5.8
G040136123011056	33.714508	-112.088090	3	39.9	45.4	5.5
G040136124011002	33.698956	-112.030988	655	44.7	50.1	5.4
G040136124011004	33.700124	-112.028911	84	44.0	49.3	5.4
G040136124011005	33.700270	-112.029754	38	44.1	49.6	5.4
G040136124021012	33.702700	-112.026127	874	43.3	48.8	5.5
G040136124021015	33.705670	-112.023340	35	42.5	47.6	5.2
G040136145001004	33.690196	-112.125020	66	43.5	48.8	5.3
G040136145002005	33.690725	-112.127223	63	42.8	48.3	5.5
G040136145004002	33.693899	-112.131325	47	41.3	47.5	6.2
G040136145004004	33.693279	-112.133905	91	40.8	46.2	5.4
G040136145004005	33.693144	-112.129288	113	41.9	47.8	5.8
G040136145004006	33.692996	-112.130859	100	41.5	47.6	6.1
G040136145004008	33.692769	-112.133145	85	41.1	46.3	5.2
G040136167001003	33.655652	-112.068255	31	40.6	46.0	5.4
G040136167001004	33.657707	-112.068580	46	40.8	46.0	5.3
G040136167001005	33.656339	-112.068449	24	40.6	46.0	5.4
G040136167001006	33.657024	-112.068569	30	40.7	46.0	5.3
G040136167001008	33.659598	-112.067836	79	41.0	46.2	5.2
G040136167001010	33.660771	-112.067844	81	41.1	46.2	5.1
G040136167001013	33.659008	-112.067842	92	40.9	46.2	5.2

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136167001014	33.660184	-112.067845	73	41.1	46.2	5.1
G040136167001016	33.655058	-112.068217	18	40.5	46.0	5.5
G040136167001019	33.661569	-112.066722	76	41.3	46.4	5.1
G040136167001020	33.663014	-112.065926	28	41.5	46.5	5.1
G040136167001022	33.659912	-112.065890	53	41.1	46.4	5.3
G040136167001023	33.658055	-112.066652	66	40.9	46.2	5.4
G040136167001024	33.656710	-112.066614	92	40.7	46.2	5.5
G040136167001025	33.655429	-112.066478	48	40.6	46.2	5.5
G040136168001000	33.661678	-112.050575	98	41.3	46.9	5.5
G040136168001001	33.660922	-112.054155	270	41.2	47.1	5.9
G040136168001002	33.661052	-112.056148	33	41.2	47.1	5.9
G040136168001003	33.659041	-112.050843	61	41.1	47.1	6.1
G040136168001004	33.660345	-112.050171	129	41.2	47.0	5.8
G040136168001005	33.660689	-112.051155	56	41.2	47.0	5.8
G040136168001006	33.659456	-112.055329	83	41.1	47.2	6.1
G040136168001007	33.657771	-112.056197	53	40.9	47.1	6.2
G040136168001008	33.658871	-112.054611	58	41.0	47.2	6.2
G040136168001009	33.658080	-112.053963	80	41.0	47.2	6.3
G040136168001010	33.657902	-112.050639	137	41.0	47.2	6.2
G040136168001011	33.659359	-112.049140	72	41.1	47.0	6.0
G040136168001012	33.656939	-112.049770	81	40.9	47.2	6.3
G040136168001013	33.655961	-112.053324	141	40.9	47.2	6.4
G040136168001014	33.656071	-112.050012	74	40.9	47.3	6.4
G040136168001015	33.657422	-112.054499	48	40.9	47.2	6.3
G040136168002005	33.665704	-112.056032	57	41.7	46.7	5.1
G040136168002006	33.664909	-112.054625	86	41.7	46.8	5.1
G040136168002007	33.664176	-112.054620	90	41.6	46.9	5.2
G040136168002008	33.663439	-112.054655	115	41.6	47.0	5.4
G040136168002009	33.662989	-112.051681	43	41.5	46.8	5.3
G040136168002013	33.662913	-112.049793	79	41.5	46.7	5.2
G040136168002014	33.662676	-112.054639	97	41.5	47.0	5.6
G040136168003000	33.661563	-112.058070	64	41.3	47.1	5.8
G040136168003001	33.660033	-112.062789	948	41.2	46.7	5.6
G040136168003002	33.657559	-112.063307	104	41.0	46.6	5.6
G040136168003003	33.656054	-112.062719	153	40.8	46.5	5.7
G040136168003004	33.657253	-112.058930	38	40.9	46.9	6.0
G040136168003005	33.657985	-112.058938	34	41.0	47.0	6.0
G040136168003006	33.658580	-112.058283	69	41.0	47.0	6.1
G040136168003007	33.660081	-112.058297	68	41.1	47.1	6.0
G040136168003008	33.660988	-112.058985	39	41.2	47.0	5.8

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136168003009	33.656668	-112.058254	78	40.9	46.9	6.1
G040136168003010	33.655234	-112.058213	45	40.8	46.8	6.1
G040136168003011	33.655757	-112.058753	51	40.8	46.8	6.0
G040136168003012	33.659482	-112.058961	54	41.1	47.0	6.0
G040136168004001	33.666379	-112.063093	415	41.6	46.7	5.1
G040136168004002	33.667004	-112.059685	102	41.5	46.6	5.1
G040136168004003	33.667499	-112.060844	103	41.5	46.6	5.1
G040136168004004	33.665157	-112.060258	87	41.6	46.9	5.2
G040136168004005	33.664897	-112.063439	93	41.6	46.8	5.1
G040136168004007	33.667036	-112.057660	50	41.6	46.6	5.0
G040136168004008	33.666199	-112.059137	88	41.6	46.7	5.2
G040136168004009	33.664832	-112.058848	97	41.6	46.9	5.3
G040136168004010	33.663893	-112.059334	86	41.6	47.0	5.4
G040136168004011	33.662836	-112.063355	137	41.5	46.8	5.3
G040136168004012	33.662947	-112.059782	81	41.5	47.0	5.5
G040136168004013	33.662704	-112.058072	55	41.4	47.0	5.6
G040136169002005	33.656154	-112.036233	66	40.8	45.9	5.0
G040136169002006	33.656548	-112.038406	112	40.9	46.1	5.2
G040136169002007	33.655866	-112.038933	34	40.9	46.3	5.4
G040136169002008	33.657112	-112.043250	64	40.9	46.7	5.8
G040136169002009	33.655839	-112.040649	69	40.8	46.5	5.6
G040136169002010	33.657209	-112.040653	64	40.9	46.3	5.4
G040136169002011	33.656524	-112.040652	66	40.9	46.4	5.5
G040136169002012	33.655235	-112.040648	30	40.8	46.5	5.8
G040136169002013	33.656403	-112.046592	67	40.8	47.1	6.3
G040136169002014	33.657405	-112.048173	51	40.9	47.1	6.2
G040136169002016	33.655403	-112.036539	57	40.8	46.0	5.2
G040136186003018	33.642054	-112.102339	182	40.3	45.5	5.2
G040136186003019	33.643379	-112.103086	29	40.3	45.4	5.1
G040136188001000	33.645609	-112.093626	182	40.3	45.4	5.1
G040136188001004	33.645367	-112.099573	33	40.3	45.3	5.0
G040136188001005	33.641745	-112.094028	405	40.2	45.6	5.4
G040136188001006	33.642677	-112.092320	149	40.2	45.6	5.3
G040136188001007	33.644526	-112.092326	98	40.3	45.5	5.2
G040136188001008	33.645972	-112.092330	100	40.3	45.5	5.1
G040136188001009	33.645240	-112.094912	73	40.4	45.4	5.1
G040136188002000	33.642867	-112.097725	1,442	40.2	45.5	5.3
G040136188003000	33.642760	-112.085182	621	40.4	45.7	5.3
G040136188003001	33.641268	-112.083641	30	40.4	45.6	5.3
G040136188003002	33.644892	-112.086654	322	40.5	45.6	5.1

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136188003004	33.644138	-112.087328	77	40.4	45.6	5.2
G040136188003005	33.642760	-112.086616	89	40.3	45.6	5.3
G040136188003006	33.642576	-112.083223	21	40.5	45.7	5.2
G040136188004001	33.646593	-112.090594	85	40.4	45.5	5.1
G040136188004002	33.644490	-112.090656	125	40.3	45.6	5.3
G040136188004003	33.646308	-112.087727	93	40.5	45.6	5.0
G040136188004004	33.645619	-112.087684	50	40.5	45.6	5.1
G040136188004005	33.644302	-112.089815	73	40.3	45.6	5.3
G040136188004006	33.641436	-112.089479	739	40.2	45.6	5.5
G040136189001000	33.647084	-112.068086	96	40.3	45.8	5.5
G040136189001001	33.646951	-112.072986	52	40.2	45.7	5.6
G040136189001002	33.646566	-112.070601	62	40.2	45.8	5.6
G040136189001003	33.645245	-112.067234	112	40.2	45.7	5.4
G040136189001004	33.645716	-112.069380	120	40.2	45.7	5.5
G040136189001005	33.644599	-112.068970	59	40.1	45.7	5.5
G040136189001006	33.645287	-112.072966	60	40.1	45.7	5.6
G040136189001007	33.646036	-112.072971	46	40.1	45.7	5.6
G040136189001008	33.644573	-112.072963	38	40.1	45.7	5.6
G040136189001009	33.643776	-112.072045	87	40.1	45.6	5.6
G040136189001010	33.643006	-112.071996	57	40.1	45.6	5.5
G040136189001011	33.643456	-112.072008	52	40.1	45.6	5.6
G040136189001012	33.643770	-112.067855	84	40.1	45.6	5.5
G040136189001013	33.643051	-112.067729	57	40.1	45.5	5.4
G040136189001014	33.643485	-112.067735	57	40.1	45.6	5.4
G040136189001015	33.642615	-112.067735	54	40.1	45.5	5.4
G040136189001016	33.641384	-112.067616	4	40.1	45.4	5.3
G040136189001017	33.641316	-112.071954	444	40.1	45.5	5.4
G040136189001018	33.642537	-112.072218	57	40.1	45.6	5.5
G040136189002000	33.653665	-112.066902	36	40.5	46.1	5.6
G040136189002001	33.654556	-112.068211	25	40.5	46.0	5.5
G040136189002002	33.654191	-112.070296	59	40.5	45.9	5.4
G040136189002003	33.653542	-112.073906	61	40.5	45.7	5.1
G040136189002004	33.652415	-112.065989	54	40.4	46.1	5.7
G040136189002005	33.652097	-112.066779	40	40.4	46.0	5.6
G040136189002006	33.651387	-112.067266	62	40.3	46.0	5.6
G040136189002007	33.650923	-112.069496	117	40.3	45.9	5.5
G040136189002008	33.652886	-112.069251	65	40.4	45.9	5.5
G040136189002009	33.653700	-112.068157	48	40.4	46.0	5.5
G040136189002010	33.648183	-112.068265	88	40.3	45.8	5.5
G040136189002011	33.648994	-112.066962	93	40.3	45.9	5.6

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136189002012	33.650408	-112.068256	58	40.3	45.9	5.6
G040136189002013	33.649120	-112.068803	51	40.3	45.8	5.5
G040136189002014	33.649552	-112.071700	113	40.4	45.8	5.4
G040136189002015	33.652471	-112.071777	79	40.4	45.8	5.4
G040136189002016	33.653566	-112.072709	88	40.5	45.7	5.3
G040136189002017	33.650027	-112.073574	101	40.3	45.8	5.4
G040136189002019	33.651010	-112.073115	65	40.4	45.8	5.3
G040136189002020	33.650002	-112.071161	59	40.4	45.8	5.4
G040136189002021	33.652099	-112.071039	91	40.4	45.8	5.4
G040136189002022	33.651058	-112.070624	55	40.4	45.8	5.5
G040136189002023	33.648488	-112.072656	54	40.3	45.8	5.5
G040136189002024	33.648049	-112.070275	69	40.3	45.8	5.5
G040136189003001	33.650233	-112.079590	148	40.4	45.6	5.2
G040136189003002	33.651317	-112.080688	51	40.4	45.5	5.1
G040136189003005	33.650566	-112.080783	44	40.4	45.5	5.1
G040136189003006	33.649815	-112.081049	56	40.5	45.6	5.1
G040136189003008	33.652836	-112.076034	78	40.5	45.6	5.1
G040136189003009	33.650725	-112.075355	79	40.3	45.7	5.4
G040136189003010	33.651405	-112.075623	45	40.4	45.7	5.3
G040136189003011	33.649646	-112.076509	97	40.3	45.7	5.4
G040136189003012	33.652148	-112.076465	44	40.4	45.6	5.2
G040136189004000	33.648795	-112.075288	70	40.2	45.7	5.5
G040136189004001	33.648592	-112.077699	28	40.3	45.7	5.4
G040136189004002	33.647864	-112.077518	25	40.3	45.7	5.4
G040136189004003	33.648092	-112.075638	56	40.2	45.7	5.5
G040136189004004	33.646568	-112.075624	27	40.2	45.7	5.5
G040136189004007	33.647056	-112.081155	51	40.7	45.7	5.0
G040136189004008	33.643939	-112.079630	59	40.7	45.7	5.0
G040136189004009	33.645813	-112.078121	121	40.3	45.7	5.4
G040136189004011	33.641601	-112.080632	55	40.6	45.7	5.1
G040136189004012	33.644723	-112.078579	102	40.5	45.7	5.2
G040136189004013	33.645012	-112.075636	126	40.2	45.7	5.5
G040136189004014	33.644060	-112.075913	74	40.2	45.7	5.5
G040136189005000	33.643387	-112.076092	103	40.3	45.7	5.4
G040136189005001	33.642946	-112.077504	53	40.5	45.7	5.2
G040136189005002	33.641280	-112.076506	912	40.4	45.6	5.2
G040136189005003	33.642403	-112.074610	453	40.2	45.6	5.4
G040136189005004	33.642845	-112.075499	24	40.2	45.6	5.4
G040136190001000	33.653198	-112.061396	30	40.6	46.4	5.8
G040136190001001	33.652997	-112.063390	226	40.5	46.2	5.7

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136190001002	33.652019	-112.064513	94	40.4	46.1	5.7
G040136190001003	33.650352	-112.063503	46	40.4	46.1	5.7
G040136190001004	33.650755	-112.063320	58	40.4	46.1	5.7
G040136190001005	33.648559	-112.063380	203	40.3	45.9	5.6
G040136190001006	33.649843	-112.063313	157	40.4	46.0	5.7
G040136190002000	33.654562	-112.051382	58	40.8	47.3	6.5
G040136190002001	33.653848	-112.055116	70	40.7	47.0	6.3
G040136190002002	33.653461	-112.055803	45	40.6	46.9	6.2
G040136190002003	33.652835	-112.056586	26	40.6	46.7	6.1
G040136190002004	33.650865	-112.050308	160	40.6	47.0	6.4
G040136190002005	33.651905	-112.052226	246	40.7	47.1	6.4
G040136190002006	33.647993	-112.053213	29	40.5	46.4	5.9
G040136190002007	33.648720	-112.053216	38	40.5	46.5	6.0
G040136190002008	33.650354	-112.051850	18	40.6	46.9	6.3
G040136190002009	33.652205	-112.054822	53	40.6	46.8	6.2
G040136190002010	33.651600	-112.055561	50	40.6	46.7	6.1
G040136190002011	33.650513	-112.055158	52	40.5	46.6	6.0
G040136190002012	33.650870	-112.056227	43	40.5	46.5	6.0
G040136190002013	33.650144	-112.056222	39	40.5	46.5	6.0
G040136190002014	33.649424	-112.055793	52	40.5	46.4	5.9
G040136190002015	33.648709	-112.055791	64	40.4	46.3	5.9
G040136190002016	33.647983	-112.055788	42	40.4	46.2	5.8
G040136190002017	33.648422	-112.050233	158	40.5	46.7	6.2
G040136190002018	33.650114	-112.049281	51	40.6	47.0	6.4
G040136190003000	33.654191	-112.059160	40	40.7	46.6	6.0
G040136190003001	33.653488	-112.057903	36	40.6	46.7	6.1
G040136190003002	33.653058	-112.059193	79	40.6	46.6	5.9
G040136190003003	33.652126	-112.059037	67	40.6	46.5	5.9
G040136190003004	33.652580	-112.059037	67	40.6	46.5	5.9
G040136190003005	33.651217	-112.059030	87	40.5	46.4	5.9
G040136190003006	33.651674	-112.059042	48	40.5	46.4	5.9
G040136190003007	33.650349	-112.059031	98	40.5	46.3	5.8
G040136190003008	33.650768	-112.059049	47	40.5	46.3	5.8
G040136190003009	33.648925	-112.058954	391	40.4	46.1	5.7
G040136191001000	33.643947	-112.061672	419	40.2	45.5	5.3
G040136191001002	33.643952	-112.064022	201	40.2	45.6	5.3
G040136191001003	33.643951	-112.065080	1,268	40.2	45.6	5.3
G040136191001004	33.641703	-112.064067	62	40.2	45.3	5.1
G040136191001005	33.642791	-112.062738	41	40.2	45.4	5.2
G040136191001006	33.641234	-112.062163	535	40.2	45.2	5.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136191001007	33.643030	-112.061770	59	40.2	45.4	5.2
G040136191001008	33.642786	-112.063484	79	40.2	45.4	5.2
G040136191002000	33.646924	-112.061611	47	40.3	45.9	5.6
G040136191002001	33.646072	-112.062471	90	40.2	45.8	5.5
G040136191002002	33.646341	-112.063487	198	40.2	45.8	5.5
G040136191002003	33.647123	-112.062975	72	40.3	45.8	5.6
G040136191002004	33.646271	-112.064740	270	40.2	45.8	5.5
G040136191002005	33.647093	-112.064927	248	40.2	45.8	5.6
G040136191002006	33.647196	-112.063814	177	40.3	45.8	5.6
G040136191002007	33.645248	-112.065081	37	40.2	45.7	5.4
G040136191002008	33.645109	-112.064226	15	40.2	45.7	5.4
G040136191002009	33.645107	-112.063091	58	40.2	45.7	5.5
G040136191002010	33.644869	-112.061756	17	40.2	45.6	5.4
G040136192001000	33.643943	-112.049553	934	40.4	45.9	5.6
G040136192001001	33.644699	-112.048491	60	40.4	46.2	5.8
G040136192001002	33.644556	-112.051596	655	40.4	45.9	5.5
G040136192001003	33.642648	-112.050888	147	40.3	45.6	5.2
G040136192001004	33.641695	-112.051775	102	40.3	45.3	5.0
G040136192001005	33.643289	-112.051821	142	40.3	45.6	5.3
G040136192001006	33.642610	-112.051809	121	40.3	45.5	5.2
G040136192002000	33.646954	-112.057788	187	40.4	46.0	5.6
G040136192002001	33.647126	-112.060309	136	40.3	45.9	5.6
G040136192002002	33.646389	-112.058165	81	40.3	45.9	5.5
G040136192002003	33.646383	-112.058987	128	40.3	45.8	5.5
G040136192002004	33.646374	-112.059899	47	40.3	45.8	5.5
G040136192002005	33.643210	-112.059012	1,463	40.2	45.5	5.2
G040136192002006	33.642404	-112.059757	105	40.2	45.3	5.1
G040136192003000	33.643025	-112.054383	1,105	40.3	45.5	5.2
G040136192003001	33.647363	-112.054828	76	40.4	46.2	5.8
G040136192003002	33.646753	-112.054917	123	40.4	46.1	5.7
G040136192003003	33.641734	-112.056094	196	40.2	45.2	5.0
G040136192003004	33.645319	-112.054920	130	40.3	45.8	5.5
G040136192003005	33.646036	-112.054916	140	40.4	46.0	5.6
G040136193001000	33.653396	-112.041061	195	40.6	46.8	6.1
G040136193001001	33.652038	-112.045062	148	40.5	47.1	6.6
G040136193001002	33.653960	-112.044219	229	40.6	47.0	6.4
G040136193001003	33.651717	-112.044220	29	40.5	47.1	6.6
G040136193001004	33.652895	-112.047464	179	40.6	47.2	6.6
G040136193001005	33.653154	-112.046397	160	40.6	47.2	6.6
G040136193001006	33.650374	-112.047475	77	40.5	47.1	6.5

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136193001007	33.650710	-112.045707	49	40.5	47.1	6.6
G040136193001008	33.649783	-112.043520	46	40.5	47.1	6.6
G040136193001009	33.651737	-112.042548	18	40.5	47.0	6.5
G040136193001010	33.652471	-112.043399	68	40.5	47.0	6.5
G040136193001011	33.651723	-112.043385	20	40.5	47.1	6.6
G040136193001012	33.650085	-112.046812	32	40.5	47.1	6.6
G040136193001013	33.649214	-112.046746	63	40.5	47.0	6.5
G040136193001014	33.648962	-112.045369	52	40.4	47.0	6.6
G040136193001015	33.649608	-112.041582	65	40.5	47.0	6.5
G040136193001016	33.649614	-112.040780	63	40.5	47.0	6.5
G040136193001017	33.650169	-112.040108	97	40.5	46.9	6.3
G040136193001018	33.651981	-112.040071	21	40.6	46.8	6.2
G040136193001019	33.648350	-112.046398	43	40.4	46.9	6.5
G040136193001021	33.647871	-112.046060	32	40.4	46.9	6.4
G040136193001022	33.648142	-112.041561	93	40.4	47.0	6.6
G040136193001023	33.654673	-112.043650	48	40.7	46.9	6.3
G040136193002000	33.650492	-112.033347	239	40.6	46.0	5.4
G040136193002001	33.649902	-112.039083	206	40.6	46.8	6.2
G040136193002002	33.648129	-112.037966	53	40.5	46.8	6.2
G040136193002003	33.650270	-112.037167	88	40.6	46.5	5.9
G040136193002004	33.649572	-112.037144	90	40.6	46.6	6.0
G040136193002005	33.648888	-112.037259	101	40.6	46.7	6.1
G040136193002006	33.648577	-112.033745	73	40.6	46.2	5.6
G040136193003001	33.653604	-112.033976	340	40.7	45.8	5.1
G040136193003002	33.653658	-112.035327	156	40.7	46.0	5.3
G040136193003003	33.653237	-112.038193	298	40.7	46.4	5.7
G040136193003004	33.653832	-112.036961	85	40.7	46.2	5.4
G040136193003005	33.652451	-112.036956	64	40.7	46.3	5.6
G040136193003006	33.652256	-112.036265	100	40.7	46.2	5.5
G040136193003007	33.652285	-112.035586	58	40.7	46.1	5.5
G040136193003008	33.652189	-112.033452	176	40.6	45.8	5.2
G040136194001000	33.646334	-112.032038	614	40.5	46.1	5.6
G040136194001001	33.646866	-112.033402	25	40.5	46.3	5.7
G040136194001002	33.646864	-112.034094	36	40.6	46.4	5.8
G040136194001003	33.646851	-112.034783	51	40.6	46.5	5.9
G040136194001004	33.646470	-112.037508	83	40.5	46.7	6.3
G040136194001005	33.645042	-112.037957	40	40.4	46.8	6.4
G040136194001006	33.645233	-112.036724	25	40.5	46.7	6.3
G040136194001007	33.644716	-112.036114	91	40.5	46.7	6.2
G040136194001008	33.645496	-112.034367	41	40.5	46.5	6.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136194001009	33.644057	-112.038430	64	40.4	46.7	6.4
G040136194001010	33.644110	-112.034462	36	40.5	46.6	6.1
G040136194001011	33.644124	-112.033381	51	40.5	46.5	5.9
G040136194001012	33.644137	-112.031939	19	40.5	46.3	5.8
G040136194001013	33.643140	-112.038436	63	40.3	46.6	6.3
G040136194001014	33.643503	-112.036269	81	40.4	46.6	6.2
G040136194001015	33.641757	-112.035122	522	40.5	46.5	6.1
G040136194001016	33.642814	-112.032685	57	40.5	46.4	5.9
G040136194001017	33.641764	-112.031857	56	40.5	46.4	5.9
G040136194001018	33.641599	-112.038440	37	40.3	46.4	6.1
G040136194002000	33.642260	-112.041223	509	40.3	46.3	6.0
G040136194002001	33.642191	-112.044083	936	40.3	46.0	5.7
G040136194002002	33.642254	-112.046706	136	40.3	45.8	5.5
G040136194003000	33.646027	-112.044096	1,003	40.3	46.7	6.4
G040136194003001	33.645016	-112.044920	71	40.3	46.5	6.2
G040136194003002	33.647357	-112.046401	57	40.4	46.8	6.4
G040136194003003	33.645916	-112.044604	22	40.3	46.7	6.3
G040136194003004	33.644840	-112.040895	36	40.3	46.7	6.4
G040136194003006	33.646855	-112.040166	37	40.4	46.9	6.5
G040136194003007	33.644971	-112.040079	57	40.3	46.8	6.4
G040136194003008	33.644748	-112.047841	28	40.4	46.2	5.8
G040136195003005	33.646900	-112.029096	80	40.5	45.6	5.1
G040136195003007	33.643227	-112.028843	350	40.5	46.0	5.5
G040136195003008	33.643785	-112.027584	59	40.5	45.7	5.2
G040136195003009	33.643065	-112.027590	51	40.5	45.8	5.3
G040136195003029	33.641106	-112.025427	19	40.6	45.6	5.0
Total Population			**65,674**			

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: US Census Bureau 2020, AEDT 3g

C.2 Reportable Noise Changes - 2032

There were no U.S. Census block centroids with a significant change (+/- 1.5 dB) within the DNL 65 dB due to the Proposed Action in 2032.

Table C-3 identifies the U.S. Census block centroids that would experience a DNL +/- 3 dB or greater increase in areas exposed to DNL between 60 dB and 65 dB under the 2032 Proposed Action when compared to the 2032 No Action Alternative. **Exhibit 17** in the Noise Technical Report identifies the location of the population centroids with a reportable change for the census blocks. For the affected centroids, **Table C-3** provides the U.S. Census block identification number, geographical coordinates (latitude and longitude), population count, the

calculated DNL under No Action Alternative and Proposed Action for 2032, and the change in DNL. The total number of people experiencing a reportable increase or reportable decrease due to the Proposed Action is shown in the table. The population centroids with a 3 dB increase are located to the southwest of the Runway 3 end at SDL and the population centroids with a 3 dB decrease are located to the west of the Runway 3 end at SDL.

Table C-3. Reportable Noise Change (+/- 3 dB) Between the DNL 60 dB and 65 dB Range – 2032

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL	Proposed Action DNL	Change
G040131032072006	33.606539	-111.927798	35	57.8	61.8	4.1
G040131032072007	33.605779	-111.929676	32	57.7	61.6	3.9
Total Increase			**67**			
G040131032201026	33.613086	-111.929050	34	60.3	56.4	-4.0
G040131032201027	33.612361	-111.929057	42	60.8	57.3	-3.5
G040131032201032	33.611634	-111.929063	34	61.4	58.2	-3.2
Total Decrease			**110**			

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: US Census Bureau 2020, AEDT 3g

Table C-4 identifies the U.S. Census block centroids that would experience a DNL 5 dB or greater increase in areas exposed to DNL between 45 dB and 60 dB under the 2032 Proposed Action when compared to the 2032 No Action Alternative. **Exhibit 17** in the Noise Technical Report identifies the location of the population centroids with a reportable change for the census blocks. For the affected centroids, **Table C-4** provides the U.S. Census block identification number, geographical coordinates (latitude and longitude), population count, the calculated DNL under No Action Alternative and Proposed Action for 2032, and the change in DNL. As shown in the table, a total of 65,475 people, associated with 537 population centroids, would be affected. The population centroids are located in three general areas. The first area is located near SDL, the second area is north of DVT, and the third area is between SDL and DVT associated with changes to departures at both airports and PHX SIDs DNHIL, SNRIZ, SNWBD.

Table C-4. Reportable Noise Increase (+5 dB) Between the DNL 45 dB and 60 dB Range – 2032

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131032062028	33.602342	-111.945120	40	51.3	56.6	5.2
G040131032062033	33.601103	-111.945131	36	50.3	55.6	5.3
G040131032072008	33.604592	-111.928471	59	54.7	59.8	5.1
G040131032072009	33.602905	-111.932155	30	54.2	59.3	5.2
G040131032072013	33.602218	-111.939163	59	52.6	58.1	5.5
G040131032072015	33.602233	-111.941605	26	52.0	57.5	5.5
G040131032072016	33.601019	-111.941581	34	51.0	56.7	5.7

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131032072019	33.598710	-111.934000	44	49.0	54.0	5.0
G040131032072021	33.601277	-111.931526	41	51.2	56.8	5.6
G040131032072022	33.602223	-111.929710	28	51.7	57.3	5.5
G040131032072023	33.603421	-111.929130	45	53.2	58.6	5.4
G040131032072026	33.601393	-111.928729	57	50.2	55.4	5.2
G040131032072027	33.601069	-111.937243	24	52.7	57.7	5.1
G040131032072028	33.602267	-111.937162	32	53.3	58.6	5.3
G040131032072030	33.602212	-111.933137	11	53.6	58.7	5.2
G040131032111010	33.623142	-111.994621	39	42.7	48.1	5.4
G040131032111015	33.622224	-111.992097	21	43.3	48.4	5.2
G040131032111016	33.622008	-111.994521	29	42.6	48.5	5.9
G040131032111017	33.619686	-111.988602	105	43.8	49.3	5.5
G040131032111018	33.620401	-111.989354	65	43.7	49.1	5.4
G040131032111019	33.620126	-111.993328	84	42.6	48.9	6.3
G040131032111020	33.621335	-111.993005	40	42.9	48.7	5.8
G040131032111021	33.621227	-111.989657	40	43.8	48.8	5.0
G040131032112016	33.617587	-111.984481	126	44.7	49.9	5.2
G040131032112019	33.616937	-111.985720	74	44.2	49.8	5.6
G040131032112020	33.615455	-111.983599	118	44.6	50.0	5.4
G040131032112026	33.614337	-111.981497	52	45.1	50.2	5.1
G040131032112027	33.614010	-111.984161	100	44.1	49.4	5.3
G040131032112029	33.613349	-111.985556	22	43.5	48.7	5.2
G040131032113000	33.618730	-111.989080	68	43.5	49.4	5.9
G040131032113001	33.614299	-111.991208	313	42.2	47.5	5.2
G040131032113003	33.617059	-111.991217	35	42.7	48.8	6.1
G040131032113004	33.617032	-111.990344	61	42.9	49.0	6.1
G040131032113007	33.618453	-111.993111	51	42.5	48.8	6.3
G040131032113008	33.618762	-111.994675	26	42.2	48.5	6.4
G040131032113009	33.617328	-111.995679	38	41.8	47.8	5.9
G040131032113010	33.618029	-111.994567	28	42.1	48.3	6.2
G040131032113011	33.617344	-111.993870	60	42.1	48.2	6.1
G040131032113012	33.616604	-111.993884	42	42.0	47.9	5.9
G040131032113013	33.615702	-111.993593	60	42.0	47.5	5.6
G040131032113016	33.614306	-111.988275	52	42.9	48.4	5.5
G040131032113017	33.615213	-111.988095	61	43.2	48.9	5.7
G040131032113018	33.616349	-111.987591	65	43.5	49.4	5.9
G040131032113019	33.617711	-111.987521	49	43.8	49.6	5.8
G040131032113020	33.617021	-111.989249	76	43.2	49.2	6.0
G040131032113021	33.613400	-111.987411	21	43.0	48.2	5.2
G040131033021000	33.625920	-112.002503	75	41.6	47.3	5.7
G040131033021001	33.624449	-112.003485	128	41.3	47.6	6.3
G040131033021002	33.624425	-112.005469	94	41.1	47.5	6.4
G040131033021003	33.623391	-112.007081	221	40.9	47.1	6.2
G040131033021004	33.621604	-112.006742	68	40.8	46.6	5.8

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131033021005	33.624386	-112.006570	13	41.0	47.4	6.4
G040131033021006	33.621598	-112.005919	79	40.9	46.9	6.0
G040131033021007	33.620913	-112.007558	34	40.8	46.1	5.4
G040131033021008	33.621650	-112.007607	36	40.8	46.4	5.6
G040131033021010	33.619792	-112.005878	126	40.8	46.1	5.3
G040131033021011	33.621573	-112.005076	64	41.0	47.1	6.1
G040131033021012	33.620880	-112.004215	108	41.0	47.0	6.0
G040131033021013	33.623047	-112.003395	53	41.2	47.7	6.4
G040131033021014	33.623066	-112.001244	60	41.5	47.9	6.4
G040131033021015	33.624449	-112.001139	95	41.6	47.7	6.1
G040131033021016	33.624453	-112.001971	40	41.5	47.7	6.2
G040131033021017	33.620877	-112.003394	81	41.1	47.2	6.1
G040131033021018	33.620880	-112.002569	99	41.2	47.4	6.2
G040131033021019	33.621253	-112.001687	80	41.3	47.7	6.4
G040131033021020	33.620660	-112.000917	150	41.4	47.7	6.4
G040131033022000	33.622421	-111.997157	65	42.1	48.3	6.2
G040131033022001	33.622025	-111.999348	69	41.7	48.2	6.5
G040131033022002	33.621680	-111.997451	35	42.0	48.4	6.4
G040131033022003	33.620287	-111.999882	170	41.5	47.8	6.4
G040131033022004	33.620208	-111.998027	67	41.7	48.2	6.5
G040131033022005	33.618760	-111.998856	66	41.5	47.5	6.1
G040131033022006	33.617870	-112.000702	109	41.2	46.6	5.5
G040131033022010	33.617624	-112.002071	71	41.0	46.1	5.1
G040131033022012	33.616578	-111.999883	80	41.2	46.2	5.0
G040131033022013	33.618067	-111.998847	58	41.4	47.2	5.8
G040131033022014	33.617502	-111.997134	102	41.6	47.4	5.9
G040131033022015	33.619595	-111.996631	20	41.9	48.3	6.4
G040131033022016	33.617319	-111.996272	65	41.7	47.6	5.9
G040131033022023	33.616795	-111.998876	80	41.3	46.6	5.3
G040131033022024	33.616256	-111.998289	75	41.3	46.5	5.2
G040131033022029	33.615848	-111.997226	25	41.4	46.5	5.1
G040131033023000	33.624576	-111.998181	688	42.2	47.6	5.5
G040131033024006	33.625688	-112.011500	27	40.9	46.8	6.0
G040131033024007	33.624428	-112.011491	44	40.8	46.6	5.8
G040131033024008	33.623222	-112.011496	78	40.7	46.2	5.4
G040131033024009	33.622176	-112.011706	117	40.6	45.6	5.0
G040131033033001	33.629041	-112.007962	21	41.2	46.5	5.3
G040131033033007	33.630585	-112.012320	24	41.0	46.2	5.2
G040131033033009	33.627926	-112.011216	83	41.0	46.8	5.9
G040131033033010	33.629496	-112.009805	86	41.1	46.4	5.3
G040131033041009	33.634593	-112.019885	42	40.8	46.0	5.2
G040131033041010	33.634422	-112.018870	80	40.8	45.9	5.1
G040131033042001	33.631738	-112.014507	425	40.9	46.1	5.2
G040131033042002	33.628132	-112.014459	379	40.9	46.6	5.7

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131033043000	33.632415	-112.016686	359	40.9	46.1	5.2
G040131033043001	33.633152	-112.018857	66	40.8	46.1	5.3
G040131033043002	33.630527	-112.017908	288	40.8	46.3	5.5
G040131033043003	33.629329	-112.018387	83	40.8	46.3	5.5
G040131033043004	33.627604	-112.018803	697	40.7	45.8	5.1
G040131033043005	33.628130	-112.016632	208	40.8	46.4	5.6
G040131033051000	33.639021	-112.027574	378	40.7	46.4	5.7
G040131033051001	33.637911	-112.029718	535	40.7	46.5	5.8
G040131033051002	33.635733	-112.027531	100	40.8	46.4	5.6
G040131033051003	33.636666	-112.027545	78	40.8	46.4	5.7
G040131033051004	33.636342	-112.027533	78	40.8	46.4	5.6
G040131033051005	33.637259	-112.027548	65	40.8	46.4	5.7
G040131033051006	33.634050	-112.030215	66	40.8	45.8	5.0
G040131033051007	33.634292	-112.028238	105	40.8	46.1	5.3
G040131033051008	33.634885	-112.029940	27	40.8	46.0	5.3
G040131033052001	33.640142	-112.025411	21	40.7	46.0	5.2
G040131033052002	33.639075	-112.025419	177	40.7	46.1	5.4
G040131033052003	33.637441	-112.022150	123	40.7	45.8	5.1
G040131033052005	33.638790	-112.023423	67	40.7	45.8	5.1
G040131033052006	33.638058	-112.023442	56	40.7	45.9	5.2
G040131033052007	33.638047	-112.025406	52	40.8	46.2	5.5
G040131033052008	33.637335	-112.025395	70	40.8	46.3	5.5
G040131033052009	33.637342	-112.023436	82	40.8	46.0	5.3
G040131033052010	33.636148	-112.023429	170	40.8	46.2	5.4
G040131033052011	33.636566	-112.025395	65	40.8	46.3	5.6
G040131033052012	33.635727	-112.025385	45	40.8	46.3	5.5
G040131033052013	33.634595	-112.025382	116	40.8	46.3	5.5
G040131033052014	33.634604	-112.023417	91	40.8	46.3	5.5
G040131033052015	33.634075	-112.022392	329	40.8	46.2	5.4
G040131033052016	33.636349	-112.022321	184	40.8	46.0	5.2
G040131033052017	33.636179	-112.021107	168	40.8	45.9	5.1
G040131033062000	33.633149	-112.020411	43	40.8	46.2	5.4
G040131033062001	33.632813	-112.022445	397	40.8	46.2	5.4
G040131033062002	33.632116	-112.023201	145	40.8	46.1	5.3
G040131033062004	33.630386	-112.020615	126	40.8	46.1	5.2
G040131033062005	33.631073	-112.020553	108	40.8	46.2	5.3
G040131033062006	33.631810	-112.020552	94	40.8	46.2	5.4
G040131033062007	33.632529	-112.020518	82	40.8	46.2	5.4
G040131036041000	33.634054	-112.093156	63	40.2	45.4	5.2
G040131036041006	33.633035	-112.087557	19	40.1	45.3	5.1
G040131036041017	33.638484	-112.095868	22	40.2	45.6	5.4
G040131036042000	33.638952	-112.080621	88	40.5	45.6	5.1
G040131036042002	33.638229	-112.086047	58	40.2	45.6	5.5
G040131036042003	33.637128	-112.086060	33	40.1	45.5	5.4

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131036042004	33.638089	-112.083930	88	40.2	45.6	5.4
G040131036042005	33.637080	-112.083985	35	40.2	45.5	5.4
G040131036042006	33.634065	-112.086372	34	40.1	45.3	5.3
G040131036042007	33.635365	-112.086675	34	40.1	45.4	5.4
G040131036042008	33.634719	-112.084268	36	40.1	45.4	5.3
G040131036042009	33.633949	-112.083142	94	40.1	45.3	5.2
G040131036042010	33.633887	-112.084151	41	40.1	45.3	5.2
G040131036042011	33.636454	-112.080389	156	40.3	45.4	5.2
G040131036042012	33.637491	-112.081735	66	40.3	45.5	5.3
G040131036042013	33.635915	-112.081600	64	40.2	45.4	5.2
G040131036042014	33.635923	-112.079652	30	40.3	45.4	5.1
G040131036042015	33.632808	-112.086116	71	40.1	45.2	5.1
G040131036042016	33.634486	-112.082001	58	40.1	45.3	5.2
G040131036042017	33.633828	-112.081579	51	40.1	45.2	5.1
G040131036042018	33.635005	-112.080615	71	40.2	45.3	5.1
G040131036042019	33.634499	-112.079255	51	40.2	45.2	5.0
G040131036063000	33.638791	-112.034416	216	40.6	46.4	5.8
G040131036063001	33.636875	-112.033100	74	40.7	46.1	5.5
G040131036063002	33.637593	-112.033104	100	40.7	46.3	5.6
G040131036063003	33.639348	-112.038406	46	40.4	46.1	5.7
G040131036063005	33.638708	-112.043494	16	40.3	45.4	5.0
G040131036063006	33.637849	-112.041247	104	40.3	45.3	5.0
G040131036063020	33.637776	-112.038443	84	40.4	45.6	5.2
G040131036063023	33.636494	-112.032460	77	40.7	46.1	5.4
G040131036063024	33.635586	-112.032957	84	40.7	45.8	5.2
G040131036081008	33.631459	-112.106774	1,060	40.3	45.5	5.2
G040131036081009	33.632489	-112.105862	68	40.4	45.5	5.2
G040131036081010	33.633369	-112.107251	31	40.4	45.6	5.2
G040131036081011	33.629755	-112.103143	103	40.3	45.3	5.0
G040131036081012	33.628506	-112.108910	38	40.3	45.4	5.1
G040131036081013	33.631498	-112.105831	119	40.3	45.5	5.2
G040131036081014	33.632074	-112.103157	83	40.4	45.5	5.1
G040131036081016	33.629953	-112.106307	88	40.3	45.4	5.1
G040131036081017	33.631008	-112.101488	130	40.3	45.4	5.0
G040131036081018	33.627735	-112.109793	106	40.3	45.4	5.1
G040131036081019	33.631808	-112.101313	96	40.4	45.4	5.1
G040131036081021	33.626578	-112.110796	70	40.3	45.3	5.0
G040131036081022	33.627735	-112.112563	397	40.3	45.4	5.1
G040131036082000	33.632109	-112.109335	92	40.4	45.6	5.2
G040131036082001	33.632201	-112.112649	79	40.4	45.6	5.2
G040131036082002	33.630478	-112.114410	228	40.4	45.6	5.2
G040131036082003	33.631053	-112.115025	92	40.5	45.6	5.2
G040131036082004	33.627800	-112.115315	501	40.4	45.5	5.1
G040131036082005	33.629330	-112.108933	134	40.3	45.4	5.1

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040131036082006	33.630115	-112.109921	49	40.3	45.5	5.2
G040131036082007	33.631532	-112.110001	57	40.4	45.6	5.2
G040131036082008	33.630175	-112.111353	83	40.4	45.5	5.2
G040131036082009	33.630330	-112.112662	78	40.4	45.6	5.2
G040131036082010	33.629294	-112.111919	91	40.4	45.5	5.2
G040132168422017	33.672702	-111.921884	291	42.9	50.8	7.9
G040132168422019	33.675459	-111.921177	71	43.3	49.0	5.7
G040132168422020	33.671042	-111.917204	37	44.3	49.9	5.6
G040132168422021	33.678427	-111.922984	138	43.0	48.1	5.1
G040132168422023	33.677909	-111.923136	47	42.9	48.6	5.6
G040132168442004	33.665514	-111.918349	233	42.7	50.7	8.0
G040132168442005	33.667175	-111.920020	1,543	42.4	50.6	8.2
G040132168442006	33.668981	-111.916639	9	44.5	51.1	6.6
G040132168442008	33.669683	-111.922347	30	42.1	50.6	8.4
G040136118001003	33.702467	-112.146842	318	38.6	45.2	6.7
G040136118001006	33.701318	-112.145844	88	38.7	45.2	6.5
G040136118001007	33.701998	-112.145667	110	38.7	45.4	6.8
G040136118001008	33.702910	-112.144544	66	38.8	45.3	6.5
G040136118001023	33.701297	-112.143447	78	39.0	45.8	6.8
G040136118001026	33.702731	-112.143046	41	39.1	45.0	6.0
G040136118003014	33.699840	-112.141200	215	39.4	46.1	6.7
G040136118003015	33.701151	-112.141283	57	39.3	45.6	6.3
G040136118003017	33.700938	-112.139262	62	39.6	45.1	5.5
G040136123011036	33.719085	-112.084256	17	39.8	45.1	5.3
G040136123011037	33.716153	-112.086434	10	39.9	45.5	5.6
G040136123011039	33.714030	-112.090236	13	40.0	45.3	5.3
G040136123011040	33.717885	-112.090370	5	39.4	45.5	6.2
G040136123011041	33.715197	-112.090751	12	39.7	45.5	5.8
G040136123011042	33.715684	-112.093638	86	39.5	45.2	5.7
G040136123011056	33.714508	-112.088090	3	40.1	45.5	5.4
G040136124011002	33.698956	-112.030988	655	44.8	50.2	5.4
G040136124011004	33.700124	-112.028911	84	44.1	49.4	5.4
G040136124011005	33.700270	-112.029754	38	44.3	49.7	5.4
G040136124021012	33.702700	-112.026127	874	43.5	48.9	5.4
G040136124021015	33.705670	-112.023340	35	42.6	47.7	5.1
G040136145001004	33.690196	-112.125020	66	43.6	48.9	5.3
G040136145002005	33.690725	-112.127223	63	42.8	48.4	5.5
G040136145004002	33.693899	-112.131325	47	41.4	47.6	6.2
G040136145004004	33.693279	-112.133905	91	40.9	46.3	5.4
G040136145004005	33.693144	-112.129288	113	42.0	47.9	5.8
G040136145004006	33.692996	-112.130859	100	41.6	47.7	6.1
G040136145004008	33.692769	-112.133145	85	41.2	46.4	5.2
G040136167001003	33.655652	-112.068255	31	40.7	46.2	5.4
G040136167001004	33.657707	-112.068580	46	40.9	46.2	5.3

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136167001005	33.656339	-112.068449	24	40.8	46.2	5.4
G040136167001006	33.657024	-112.068569	30	40.8	46.2	5.3
G040136167001008	33.659598	-112.067836	79	41.1	46.3	5.2
G040136167001010	33.660771	-112.067844	81	41.3	46.4	5.1
G040136167001013	33.659008	-112.067842	92	41.1	46.3	5.2
G040136167001014	33.660184	-112.067845	73	41.2	46.4	5.2
G040136167001016	33.655058	-112.068217	18	40.7	46.2	5.5
G040136167001019	33.661569	-112.066722	76	41.4	46.6	5.1
G040136167001020	33.663014	-112.065926	28	41.6	46.7	5.1
G040136167001022	33.659912	-112.065890	53	41.3	46.6	5.3
G040136167001023	33.658055	-112.066652	66	41.0	46.4	5.4
G040136167001024	33.656710	-112.066614	92	40.9	46.3	5.4
G040136167001025	33.655429	-112.066478	48	40.8	46.3	5.5
G040136168001000	33.661678	-112.050575	98	41.5	47.1	5.6
G040136168001001	33.660922	-112.054155	270	41.4	47.3	6.0
G040136168001002	33.661052	-112.056148	33	41.4	47.3	6.0
G040136168001003	33.659041	-112.050843	61	41.2	47.3	6.1
G040136168001004	33.660345	-112.050171	129	41.3	47.2	5.9
G040136168001005	33.660689	-112.051155	56	41.4	47.2	5.9
G040136168001006	33.659456	-112.055329	83	41.2	47.4	6.2
G040136168001007	33.657771	-112.056197	53	41.1	47.3	6.3
G040136168001008	33.658871	-112.054611	58	41.2	47.4	6.2
G040136168001009	33.658080	-112.053963	80	41.1	47.4	6.3
G040136168001010	33.657902	-112.050639	137	41.2	47.4	6.2
G040136168001011	33.659359	-112.049140	72	41.2	47.2	6.0
G040136168001012	33.656939	-112.049770	81	41.1	47.4	6.3
G040136168001013	33.655961	-112.053324	141	41.0	47.4	6.4
G040136168001014	33.656071	-112.050012	74	41.1	47.5	6.4
G040136168001015	33.657422	-112.054499	48	41.1	47.4	6.3
G040136168002005	33.665704	-112.056032	57	41.8	46.9	5.1
G040136168002006	33.664909	-112.054625	86	41.8	47.0	5.1
G040136168002007	33.664176	-112.054620	90	41.8	47.1	5.3
G040136168002008	33.663439	-112.054655	115	41.7	47.2	5.4
G040136168002009	33.662989	-112.051681	43	41.7	47.0	5.3
G040136168002013	33.662913	-112.049793	79	41.6	46.9	5.2
G040136168002014	33.662676	-112.054639	97	41.6	47.2	5.6
G040136168003000	33.661563	-112.058070	64	41.4	47.3	5.9
G040136168003001	33.660033	-112.062789	948	41.3	46.9	5.6
G040136168003002	33.657559	-112.063307	104	41.1	46.7	5.6
G040136168003003	33.656054	-112.062719	153	41.0	46.7	5.7
G040136168003004	33.657253	-112.058930	38	41.1	47.1	6.1
G040136168003005	33.657985	-112.058938	34	41.1	47.1	6.0
G040136168003006	33.658580	-112.058283	69	41.1	47.2	6.1
G040136168003007	33.660081	-112.058297	68	41.3	47.3	6.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136168003008	33.660988	-112.058985	39	41.4	47.2	5.9
G040136168003009	33.656668	-112.058254	78	41.0	47.1	6.1
G040136168003010	33.655234	-112.058213	45	40.9	47.0	6.1
G040136168003011	33.655757	-112.058753	51	40.9	47.0	6.1
G040136168003012	33.659482	-112.058961	54	41.2	47.2	6.0
G040136168004001	33.666379	-112.063093	415	41.7	46.9	5.2
G040136168004002	33.667004	-112.059685	102	41.7	46.8	5.1
G040136168004003	33.667499	-112.060844	103	41.7	46.8	5.1
G040136168004004	33.665157	-112.060258	87	41.8	47.1	5.3
G040136168004005	33.664897	-112.063439	93	41.8	46.9	5.2
G040136168004007	33.667036	-112.057660	50	41.7	46.7	5.0
G040136168004008	33.666199	-112.059137	88	41.7	46.9	5.2
G040136168004009	33.664832	-112.058848	97	41.8	47.1	5.3
G040136168004010	33.663893	-112.059334	86	41.7	47.2	5.5
G040136168004011	33.662836	-112.063355	137	41.6	46.9	5.3
G040136168004012	33.662947	-112.059782	81	41.6	47.2	5.6
G040136168004013	33.662704	-112.058072	55	41.6	47.2	5.7
G040136169002005	33.656154	-112.036233	66	41.0	46.0	5.0
G040136169002006	33.656548	-112.038406	112	41.1	46.3	5.2
G040136169002007	33.655866	-112.038933	34	41.0	46.4	5.4
G040136169002008	33.657112	-112.043250	64	41.0	46.9	5.8
G040136169002009	33.655839	-112.040649	69	41.0	46.7	5.7
G040136169002010	33.657209	-112.040653	64	41.1	46.5	5.4
G040136169002011	33.656524	-112.040652	66	41.0	46.6	5.6
G040136169002012	33.655235	-112.040648	30	40.9	46.7	5.8
G040136169002013	33.656403	-112.046592	67	41.0	47.3	6.3
G040136169002014	33.657405	-112.048173	51	41.1	47.3	6.2
G040136169002016	33.655403	-112.036539	57	41.0	46.1	5.2
G040136186003018	33.642054	-112.102339	182	40.4	45.5	5.1
G040136186003019	33.643379	-112.103086	29	40.4	45.4	5.0
G040136188001000	33.645609	-112.093626	182	40.4	45.5	5.1
G040136188001005	33.641745	-112.094028	405	40.3	45.6	5.3
G040136188001006	33.642677	-112.092320	149	40.3	45.6	5.3
G040136188001007	33.644526	-112.092326	98	40.4	45.6	5.2
G040136188001008	33.645972	-112.092330	100	40.4	45.5	5.1
G040136188001009	33.645240	-112.094912	73	40.4	45.5	5.0
G040136188002000	33.642867	-112.097725	1,442	40.3	45.5	5.2
G040136188003000	33.642760	-112.085182	621	40.5	45.7	5.2
G040136188003001	33.641268	-112.083641	30	40.5	45.7	5.3
G040136188003002	33.644892	-112.086654	322	40.6	45.7	5.1
G040136188003004	33.644138	-112.087328	77	40.5	45.7	5.2
G040136188003005	33.642760	-112.086616	89	40.4	45.7	5.3
G040136188003006	33.642576	-112.083223	21	40.6	45.7	5.2
G040136188004001	33.646593	-112.090594	85	40.5	45.5	5.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136188004002	33.644490	-112.090656	125	40.4	45.6	5.2
G040136188004004	33.645619	-112.087684	50	40.6	45.6	5.0
G040136188004005	33.644302	-112.089815	73	40.4	45.6	5.3
G040136188004006	33.641436	-112.089479	739	40.2	45.7	5.4
G040136189001000	33.647084	-112.068086	96	40.4	45.9	5.5
G040136189001001	33.646951	-112.072986	52	40.3	45.9	5.6
G040136189001002	33.646566	-112.070601	62	40.3	45.9	5.5
G040136189001003	33.645245	-112.067234	112	40.4	45.8	5.4
G040136189001004	33.645716	-112.069380	120	40.3	45.8	5.5
G040136189001005	33.644599	-112.068970	59	40.3	45.8	5.5
G040136189001006	33.645287	-112.072966	60	40.2	45.8	5.6
G040136189001007	33.646036	-112.072971	46	40.3	45.8	5.6
G040136189001008	33.644573	-112.072963	38	40.2	45.8	5.6
G040136189001009	33.643776	-112.072045	87	40.2	45.7	5.5
G040136189001010	33.643006	-112.071996	57	40.2	45.7	5.5
G040136189001011	33.643456	-112.072008	52	40.2	45.7	5.5
G040136189001012	33.643770	-112.067855	84	40.3	45.7	5.4
G040136189001013	33.643051	-112.067729	57	40.2	45.6	5.4
G040136189001014	33.643485	-112.067735	57	40.3	45.7	5.4
G040136189001015	33.642615	-112.067735	54	40.2	45.6	5.4
G040136189001016	33.641384	-112.067616	4	40.2	45.5	5.3
G040136189001017	33.641316	-112.071954	444	40.2	45.6	5.4
G040136189001018	33.642537	-112.072218	57	40.2	45.7	5.5
G040136189002000	33.653665	-112.066902	36	40.6	46.2	5.6
G040136189002001	33.654556	-112.068211	25	40.7	46.1	5.5
G040136189002002	33.654191	-112.070296	59	40.6	46.0	5.4
G040136189002003	33.653542	-112.073906	61	40.7	45.8	5.1
G040136189002004	33.652415	-112.065989	54	40.6	46.2	5.6
G040136189002005	33.652097	-112.066779	40	40.5	46.1	5.6
G040136189002006	33.651387	-112.067266	62	40.5	46.1	5.6
G040136189002007	33.650923	-112.069496	117	40.5	46.0	5.5
G040136189002008	33.652886	-112.069251	65	40.5	46.0	5.5
G040136189002009	33.653700	-112.068157	48	40.6	46.1	5.5
G040136189002010	33.648183	-112.068265	88	40.4	45.9	5.5
G040136189002011	33.648994	-112.066962	93	40.4	46.0	5.6
G040136189002012	33.650408	-112.068256	58	40.5	46.0	5.6
G040136189002013	33.649120	-112.068803	51	40.5	46.0	5.5
G040136189002014	33.649552	-112.071700	113	40.5	45.9	5.4
G040136189002015	33.652471	-112.071777	79	40.6	45.9	5.3
G040136189002016	33.653566	-112.072709	88	40.6	45.9	5.2
G040136189002017	33.650027	-112.073574	101	40.5	45.9	5.4
G040136189002019	33.651010	-112.073115	65	40.6	45.9	5.3
G040136189002020	33.650002	-112.071161	59	40.5	45.9	5.4
G040136189002021	33.652099	-112.071039	91	40.5	45.9	5.4

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136189002022	33.651058	-112.070624	55	40.5	46.0	5.4
G040136189002023	33.648488	-112.072656	54	40.4	45.9	5.5
G040136189002024	33.648049	-112.070275	69	40.5	45.9	5.5
G040136189003001	33.650233	-112.079590	148	40.5	45.7	5.2
G040136189003002	33.651317	-112.080688	51	40.6	45.6	5.0
G040136189003005	33.650566	-112.080783	44	40.6	45.6	5.1
G040136189003006	33.649815	-112.081049	56	40.6	45.7	5.1
G040136189003008	33.652836	-112.076034	78	40.6	45.7	5.1
G040136189003009	33.650725	-112.075355	79	40.5	45.8	5.3
G040136189003010	33.651405	-112.075623	45	40.5	45.8	5.3
G040136189003011	33.649646	-112.076509	97	40.4	45.8	5.4
G040136189003012	33.652148	-112.076465	44	40.5	45.7	5.2
G040136189004000	33.648795	-112.075288	70	40.4	45.8	5.5
G040136189004001	33.648592	-112.077699	28	40.4	45.8	5.4
G040136189004002	33.647864	-112.077518	25	40.4	45.8	5.4
G040136189004003	33.648092	-112.075638	56	40.3	45.8	5.5
G040136189004004	33.646568	-112.075624	27	40.3	45.8	5.5
G040136189004009	33.645813	-112.078121	121	40.5	45.8	5.3
G040136189004011	33.641601	-112.080632	55	40.7	45.7	5.0
G040136189004012	33.644723	-112.078579	102	40.6	45.8	5.2
G040136189004013	33.645012	-112.075636	126	40.3	45.8	5.5
G040136189004014	33.644060	-112.075913	74	40.3	45.8	5.4
G040136189005000	33.643387	-112.076092	103	40.4	45.8	5.4
G040136189005001	33.642946	-112.077504	53	40.6	45.8	5.2
G040136189005002	33.641280	-112.076506	912	40.6	45.7	5.1
G040136189005003	33.642403	-112.074610	453	40.3	45.7	5.4
G040136189005004	33.642845	-112.075499	24	40.4	45.7	5.4
G040136190001000	33.653198	-112.061396	30	40.8	46.6	5.8
G040136190001001	33.652997	-112.063390	226	40.7	46.4	5.7
G040136190001002	33.652019	-112.064513	94	40.6	46.3	5.7
G040136190001003	33.650352	-112.063503	46	40.5	46.2	5.7
G040136190001004	33.650755	-112.063320	58	40.5	46.2	5.7
G040136190001005	33.648559	-112.063380	203	40.4	46.1	5.7
G040136190001006	33.649843	-112.063313	157	40.5	46.2	5.7
G040136190002000	33.654562	-112.051382	58	41.0	47.5	6.5
G040136190002001	33.653848	-112.055116	70	40.8	47.1	6.3
G040136190002002	33.653461	-112.055803	45	40.8	47.0	6.3
G040136190002003	33.652835	-112.056586	26	40.8	46.9	6.2
G040136190002004	33.650865	-112.050308	160	40.8	47.2	6.4
G040136190002005	33.651905	-112.052226	246	40.9	47.3	6.4
G040136190002006	33.647993	-112.053213	29	40.6	46.5	5.9
G040136190002007	33.648720	-112.053216	38	40.6	46.7	6.0
G040136190002008	33.650354	-112.051850	18	40.8	47.0	6.3
G040136190002009	33.652205	-112.054822	53	40.8	47.0	6.2

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136190002010	33.651600	-112.055561	50	40.7	46.8	6.1
G040136190002011	33.650513	-112.055158	52	40.7	46.8	6.1
G040136190002012	33.650870	-112.056227	43	40.7	46.7	6.0
G040136190002013	33.650144	-112.056222	39	40.6	46.6	6.0
G040136190002014	33.649424	-112.055793	52	40.6	46.5	5.9
G040136190002015	33.648709	-112.055791	64	40.6	46.4	5.9
G040136190002016	33.647983	-112.055788	42	40.6	46.4	5.8
G040136190002017	33.648422	-112.050233	158	40.7	46.8	6.2
G040136190002018	33.650114	-112.049281	51	40.7	47.2	6.4
G040136190003000	33.654191	-112.059160	40	40.8	46.8	6.0
G040136190003001	33.653488	-112.057903	36	40.8	46.9	6.1
G040136190003002	33.653058	-112.059193	79	40.8	46.7	6.0
G040136190003003	33.652126	-112.059037	67	40.7	46.6	5.9
G040136190003004	33.652580	-112.059037	67	40.7	46.7	5.9
G040136190003005	33.651217	-112.059030	87	40.7	46.5	5.9
G040136190003006	33.651674	-112.059042	48	40.7	46.6	5.9
G040136190003007	33.650349	-112.059031	98	40.6	46.4	5.8
G040136190003008	33.650768	-112.059049	47	40.7	46.5	5.8
G040136190003009	33.648925	-112.058954	391	40.6	46.3	5.7
G040136191001000	33.643947	-112.061672	419	40.3	45.7	5.3
G040136191001002	33.643952	-112.064022	201	40.4	45.7	5.3
G040136191001003	33.643951	-112.065080	1,268	40.4	45.7	5.3
G040136191001004	33.641703	-112.064067	62	40.3	45.4	5.1
G040136191001005	33.642791	-112.062738	41	40.3	45.5	5.2
G040136191001006	33.641234	-112.062163	535	40.3	45.3	5.0
G040136191001007	33.643030	-112.061770	59	40.3	45.6	5.2
G040136191001008	33.642786	-112.063484	79	40.3	45.6	5.2
G040136191002000	33.646924	-112.061611	47	40.4	46.0	5.6
G040136191002001	33.646072	-112.062471	90	40.4	45.9	5.5
G040136191002002	33.646341	-112.063487	198	40.4	45.9	5.5
G040136191002003	33.647123	-112.062975	72	40.4	46.0	5.6
G040136191002004	33.646271	-112.064740	270	40.4	45.9	5.5
G040136191002005	33.647093	-112.064927	248	40.4	45.9	5.6
G040136191002006	33.647196	-112.063814	177	40.4	46.0	5.6
G040136191002007	33.645248	-112.065081	37	40.4	45.8	5.4
G040136191002008	33.645109	-112.064226	15	40.4	45.8	5.4
G040136191002009	33.645107	-112.063091	58	40.4	45.8	5.4
G040136191002010	33.644869	-112.061756	17	40.4	45.8	5.4
G040136192001000	33.643943	-112.049553	934	40.5	46.1	5.6
G040136192001001	33.644699	-112.048491	60	40.5	46.3	5.8
G040136192001002	33.644556	-112.051596	655	40.5	46.1	5.6
G040136192001003	33.642648	-112.050888	147	40.5	45.7	5.3
G040136192001004	33.641695	-112.051775	102	40.4	45.5	5.1
G040136192001005	33.643289	-112.051821	142	40.5	45.8	5.4

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136192001006	33.642610	-112.051809	121	40.4	45.7	5.2
G040136192002000	33.646954	-112.057788	187	40.5	46.1	5.6
G040136192002001	33.647126	-112.060309	136	40.5	46.0	5.6
G040136192002002	33.646389	-112.058165	81	40.5	46.0	5.5
G040136192002003	33.646383	-112.058987	128	40.5	46.0	5.5
G040136192002004	33.646374	-112.059899	47	40.4	46.0	5.5
G040136192002005	33.643210	-112.059012	1,463	40.4	45.6	5.2
G040136192002006	33.642404	-112.059757	105	40.3	45.5	5.1
G040136192003000	33.643025	-112.054383	1,105	40.4	45.6	5.2
G040136192003001	33.647363	-112.054828	76	40.6	46.3	5.8
G040136192003002	33.646753	-112.054917	123	40.5	46.2	5.7
G040136192003003	33.641734	-112.056094	196	40.4	45.4	5.0
G040136192003004	33.645319	-112.054920	130	40.5	46.0	5.5
G040136192003005	33.646036	-112.054916	140	40.5	46.1	5.6
G040136193001000	33.653396	-112.041061	195	40.8	46.9	6.2
G040136193001001	33.652038	-112.045062	148	40.7	47.3	6.7
G040136193001002	33.653960	-112.044219	229	40.8	47.2	6.5
G040136193001003	33.651717	-112.044220	29	40.7	47.3	6.7
G040136193001004	33.652895	-112.047464	179	40.8	47.4	6.6
G040136193001005	33.653154	-112.046397	160	40.8	47.4	6.6
G040136193001006	33.650374	-112.047475	77	40.7	47.3	6.6
G040136193001007	33.650710	-112.045707	49	40.7	47.3	6.7
G040136193001008	33.649783	-112.043520	46	40.6	47.3	6.7
G040136193001009	33.651737	-112.042548	18	40.7	47.2	6.5
G040136193001010	33.652471	-112.043399	68	40.7	47.2	6.6
G040136193001011	33.651723	-112.043385	20	40.7	47.3	6.6
G040136193001012	33.650085	-112.046812	32	40.7	47.3	6.6
G040136193001013	33.649214	-112.046746	63	40.6	47.2	6.6
G040136193001014	33.648962	-112.045369	52	40.6	47.2	6.6
G040136193001015	33.649608	-112.041582	65	40.6	47.2	6.6
G040136193001016	33.649614	-112.040780	63	40.6	47.2	6.5
G040136193001017	33.650169	-112.040108	97	40.7	47.1	6.4
G040136193001018	33.651981	-112.040071	21	40.8	47.0	6.2
G040136193001019	33.648350	-112.046398	43	40.6	47.1	6.5
G040136193001021	33.647871	-112.046060	32	40.6	47.1	6.5
G040136193001022	33.648142	-112.041561	93	40.6	47.2	6.6
G040136193001023	33.654673	-112.043650	48	40.8	47.1	6.3
G040136193002000	33.650492	-112.033347	239	40.7	46.2	5.4
G040136193002001	33.649902	-112.039083	206	40.7	47.0	6.3
G040136193002002	33.648129	-112.037966	53	40.7	47.0	6.3
G040136193002003	33.650270	-112.037167	88	40.8	46.7	5.9
G040136193002004	33.649572	-112.037144	90	40.8	46.8	6.0
G040136193002005	33.648888	-112.037259	101	40.7	46.9	6.1
G040136193002006	33.648577	-112.033745	73	40.7	46.4	5.7

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136193003001	33.653604	-112.033976	340	40.8	46.0	5.2
G040136193003002	33.653658	-112.035327	156	40.8	46.1	5.3
G040136193003003	33.653237	-112.038193	298	40.9	46.6	5.7
G040136193003004	33.653832	-112.036961	85	40.9	46.4	5.5
G040136193003005	33.652451	-112.036956	64	40.9	46.5	5.7
G040136193003006	33.652256	-112.036265	100	40.8	46.4	5.6
G040136193003007	33.652285	-112.035586	58	40.8	46.3	5.5
G040136193003008	33.652189	-112.033452	176	40.8	46.0	5.2
G040136194001000	33.646334	-112.032038	614	40.6	46.3	5.7
G040136194001001	33.646866	-112.033402	25	40.7	46.5	5.8
G040136194001002	33.646864	-112.034094	36	40.7	46.6	5.9
G040136194001003	33.646851	-112.034783	51	40.7	46.7	6.0
G040136194001004	33.646470	-112.037508	83	40.6	47.0	6.4
G040136194001005	33.645042	-112.037957	40	40.5	47.0	6.4
G040136194001006	33.645233	-112.036724	25	40.6	46.9	6.3
G040136194001007	33.644716	-112.036114	91	40.6	46.9	6.3
G040136194001008	33.645496	-112.034367	41	40.7	46.7	6.0
G040136194001009	33.644057	-112.038430	64	40.5	46.9	6.4
G040136194001010	33.644110	-112.034462	36	40.7	46.8	6.1
G040136194001011	33.644124	-112.033381	51	40.7	46.7	6.0
G040136194001012	33.644137	-112.031939	19	40.6	46.5	5.9
G040136194001013	33.643140	-112.038436	63	40.5	46.8	6.3
G040136194001014	33.643503	-112.036269	81	40.6	46.8	6.3
G040136194001015	33.641757	-112.035122	522	40.6	46.7	6.1
G040136194001016	33.642814	-112.032685	57	40.7	46.7	6.0
G040136194001017	33.641764	-112.031857	56	40.7	46.6	6.0
G040136194001018	33.641599	-112.038440	37	40.4	46.6	6.1
G040136194002000	33.642260	-112.041223	509	40.4	46.5	6.1
G040136194002001	33.642191	-112.044083	936	40.4	46.2	5.8
G040136194002002	33.642254	-112.046706	136	40.4	46.0	5.5
G040136194003000	33.646027	-112.044096	1,003	40.5	46.9	6.5
G040136194003001	33.645016	-112.044920	71	40.5	46.7	6.2
G040136194003002	33.647357	-112.046401	57	40.6	47.0	6.4
G040136194003003	33.645916	-112.044604	22	40.5	46.9	6.4
G040136194003004	33.644840	-112.040895	36	40.4	46.9	6.5
G040136194003006	33.646855	-112.040166	37	40.5	47.1	6.6
G040136194003007	33.644971	-112.040079	57	40.5	47.0	6.5
G040136194003008	33.644748	-112.047841	28	40.5	46.4	5.9
G040136195003005	33.646900	-112.029096	80	40.7	45.8	5.2
G040136195003006	33.646805	-112.028092	50	40.7	45.7	5.0
G040136195003007	33.643227	-112.028843	350	40.6	46.2	5.5
G040136195003008	33.643785	-112.027584	59	40.7	45.9	5.2
G040136195003009	33.643065	-112.027590	51	40.7	46.0	5.3
G040136195003023	33.642005	-112.025468	42	40.7	45.7	5.0

Census Block ID	Latitude	Longitude	Population	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
G040136195003029	33.641106	-112.025427	19	40.7	45.8	5.1
G040138159011001	33.280082	-111.789552	4	43.5	48.6	5.0
Total Population			**65,475**			

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: US Census Bureau 2020, AEDT 3g

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Attachment D Section 4(f), Historic and Cultural Resources Noise Changes

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D.1 Inventory

This attachment provides an inventory of Department of Transportation Act, Section 4(f) (49 U.S.C. § 303; 23 U.S.C. § 138) resources, including historical/cultural properties also covered under Section 106 of the National Historic Preservation Act (16 U.S.C. § 470), that were identified and evaluated as part of the PHX EA.

The inventory of Section 4(f) resources and historical/cultural properties is intended to include all public parks, recreation areas, wildlife and waterfowl refuges, and historic sites, including properties listed on the National Register of Historic Places (National Register) located within the Supplemental Study Area. Properties listed on the National Register and considered under both Section 4(f) and Section 106 of the NHPA are included in this attachment. Spatial data for the National Register properties was downloaded from the National Park Service. Spatial data for cultural and park properties was downloaded from readily available federal, state, and local sources. Source information is identified in **Table D-1**.

Table D-1. Types of Section 4(f) and Section 106 Resources Considered

Source	Spatial data	URL Download or Data Files Received
United States Dept of Agriculture	Protected Areas Database of the US 4_0_Combined	https://datagateway.nrcs.usda.gov/GDGHome_DirectDownLoad.aspx Accessed March 13, 2025
ESRI, Inc. ArcGIS Hub	USA_Parks	https://hub.arcgis.com/search?q=USA%20Parks Accessed March 12, 2025
USGS - ArcGIS Online	GNIS Arizona 2021 (Parks)	https://services3.arcgis.com/0OPQIK59PJJqLK0A/arcgis/rest/services/GNIS_Arizona_2021/FeatureServer Accessed March 12,2025
Data.gov	Tribal Land	https://catalog.data.gov/dataset/tiger-line-shapefile-2020-nation-u-s-american-indian-tribal-subdivisions, Accessed March 12,2025
National Park Service	National Register of Historic Places (NRHP)	https://irma.nps.gov/DataStore/Reference/Profile/2210280 Accessed March 12, 2025
Arizona Parks and Trails	State Historic Site	https://azstateparks.com/arizona-register-of-historic-places-arhp Accessed November 4, 2025
USGS - ArcGIS Online	GNIS Arizona 2021 (Cemetery)	https://services3.arcgis.com/0OPQIK59PJJqLK0A/arcgis/rest/services/GNIS_Arizona_2021/FeatureServer Accessed November 5, 2025
United States Dept of Agriculture	National_LWCF	https://www.usgs.gov/data/protected-areas-database-united-states-pad-us-4 Accessed March 13, 2025

D.2 Section 4(f), Historic, and Cultural Resources with Noise Equal to or Greater Than DNL 65 dB

Table D-2 identifies the change in noise exposure for Section 4(f), Historic, and Cultural Resource locations with DNL greater than or equal to 65 dB under any alternative for 2024, 2027 and 2032. The table of 30 locations includes the name, address, type of place, geographical coordinates (latitude and longitude) of the noise-sensitive land use area and presents the calculated noise exposure values under Existing Conditions for 2024, the Proposed Action (PA), and No Action Alternative (NA) for 2027 and 2032.

Table D-1. Change in Noise at Section 4(f), Historic, and Cultural Resources Greater Than or Equal to DNL 65 dB – 2024, 2027 and 2032

Location ID	Latitude	Longitude	Name	Source	2024 DNL EC	2027 DNL NA	2027 DNL PA	2027 DNL Change	2032 DNL NA	2032 DNL PA	2032 DNL Change
GSA_UG_21926	33.434252	-111.931921	Marina In Tempe Town Lake		64.0	64.8	64.9	0.1	65.1	65.1	0.1
GSA_UG_22219	33.442623	-111.981707	Park Of 4 Waters		65.0	65.6	65.5	-0.1	65.8	65.7	-0.1
GSA_UG_22219	33.442623	-111.981707	Pueblo Grande Ruin		64.5	65.1	65.0	-0.1	65.3	65.2	-0.1
GSA_UG_22223	33.442607	-111.941872	Papago Park		65.8	66.5	66.3	-0.2	66.7	66.6	-0.2
S106_NRHS_1	33.435068	-111.942830	Tempe Concrete Arch Highway Bridge	National Register of Historic Places NPS	65.7	66.4	66.3	-0.1	66.6	66.5	-0.1
S106_NRHS_2	33.431103	-111.942357	Tempe Concrete Arch Highway Bridge	National Register of Historic Places NPS	65.6	66.2	66.1	-0.1	66.5	66.3	-0.1
S106_NRHS_3	33.429835	-111.942989	Tempe Beach Stadium	National Register of Historic Places NPS	65.3	65.9	65.9	-0.1	66.2	66.1	-0.1
S106_NRHS_5	33.430398	-111.940198	1931 Tempe Bridge	National Register of Historic Places NPS	65.7	66.4	66.3	-0.2	66.7	66.5	-0.2
S106_NRHS_6	33.435878	-111.943054	1931 Tempe Bridge	National Register of Historic Places NPS	65.5	66.2	66.1	-0.1	66.4	66.3	-0.1
S106_NRHS_117	33.429471	-111.943415	Gonzales-Martinez House	National Register of Historic Places NPS	64.9	65.5	65.4	-0.1	65.7	65.6	-0.1
S106_NRHS_185	33.429317	-111.939971	Hayden, C. T., House	National Register of Historic Places NPS	64.3	65.0	64.9	-0.1	65.2	65.1	-0.1

Location ID	Latitude	Longitude	Name	Source	2024 DNL EC	2027 DNL NA	2027 DNL PA	2027 DNL Change	2032 DNL NA	2032 DNL PA	2032 DNL Change
S106_NRHS_576	33.441825	-111.933209	O'Connor, Sandra Day, House	National Register of Historic Places NPS	64.6	65.2	64.6	-0.6	65.4	64.8	-0.6
S4F_ALMP_20	33.426482	-112.051097	Green Valley Park		67.8	68.4	68.0	-0.4	68.7	68.3	-0.4
S4F_USAP_90	33.430087	-112.050783	Barrios Unidos Park	ESRI Parks (Detailed) GIS Datalayer	64.7	65.3	65.1	-0.2	65.5	65.3	-0.2
S4F_USAP_99	33.433633	-112.062035	Nuestro Park	ESRI Parks (Detailed) GIS Datalayer	65.6	66.2	66.2	-0.1	66.5	66.4	-0.1
S4F_USAP_127	33.430904	-111.941691	Tempe Beach Park	ESRI Parks (Detailed) GIS Datalayer	64.7	65.4	65.4	-0.1	65.7	65.6	-0.1
S4F_USAP_131	33.437497	-111.935957	Moeur Park	ESRI Parks (Detailed) GIS Datalayer	66.7	67.4	67.2	-0.2	67.6	67.4	-0.2
S4F_USAP_134	33.431709	-111.948201	Rio Salado Park	ESRI Parks (Detailed) GIS Datalayer	66.9	67.5	67.4	-0.2	67.8	67.6	-0.2
S4F_PRTDA_619	33.430520	-111.952976	Grove Of Cities And Towns	City of Tempe	64.7	65.3	65.3	0.0	65.5	65.5	0.0
S4F_PRTDA_620	33.429658	-111.936773	Hayden Butte	City of Tempe	65.8	66.5	66.3	-0.2	66.7	66.6	-0.2
S4F_PRTDA_624	33.434875	-111.942791	North Bank And Loop Road	City of Tempe	65.9	66.6	66.4	-0.2	66.9	66.7	-0.2
S4F_PRTDA_625	33.435072	-111.943709	North Bank In Tempe Town Lake	City of Tempe	67.1	67.6	67.5	-0.2	67.9	67.7	-0.2
S4F_PRTDA_626	33.432227	-111.976940	North Bank Linear Park	City of Tempe	65.4	66.0	65.7	-0.3	66.2	65.9	-0.3
S4F_PRTDA_627	33.436410	-111.959213	North Bank Linear Park At Tempe Town Lake	City of Tempe	64.3	65.1	65.1	0.1	65.4	65.4	0.0

Location ID	Latitude	Longitude	Name	Source	2024 DNL EC	2027 DNL NA	2027 DNL PA	2027 DNL Change	2032 DNL NA	2032 DNL PA	2032 DNL Change
S4F_PRTDA_631	33.434425	-111.933693	Townlake Marina At Tempe Town Lake	City of Tempe	70.3	70.6	70.7	0.2	70.7	70.8	0.1
S4F_GNISP_1	33.441111	-112.038056	Berney Park		66.1	66.6	66.4	-0.3	66.8	66.6	-0.3
S4F_GNISP_27	33.426944	-112.066944	Riverside Park		68.9	69.4	69.3	-0.1	69.6	69.4	-0.2
S4F_GNISP_64	33.428889	-112.045278	Chiwap Park		64.4	64.9	64.3	-0.6	65.2	64.6	-0.6
S4F_GNISP_81	33.426111	-112.053611	Green Valley Park		65.1	65.7	65.6	-0.1	65.8	65.7	-0.1
S4F_GNISP_176	33.442222	-111.942222	Papago Park-Tempe		64.6	65.2	65.2	-0.1	65.4	65.3	-0.1
S4F_GNISP_212	33.441667	-111.934167	Tempe Park		64.0	64.8	64.9	0.1	65.1	65.1	0.1

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: USAP, PRTDA, AEDT 3g

D.3 Section 4(f), Historic, and Cultural Resources Noise Changes - 2027

There were no Section 4(f) or historic/cultural locations with a significant change (+/- 1.5 dB) within the DNL 65 dB nor any reportable changes (+/- 3dB) in noise between DNL 60 and 65 dB due to the Proposed Action in 2027. There are also no historic or cultural resources with reportable changes (+/- 5dB) in noise between DNL 45 and 60 dB due to the Proposed Action in 2027.

Table D-3 identifies the eight Section 4(f) resources identified within the Study Areas that would experience a DNL 5 dB or greater increase in areas exposed to DNL between 45 dB and 60 dB under the 2027 Proposed Action when compared to the 2027 No Action Alternative. **Table D-3** also identifies the six Section 4(f) resources identified at seven grid points within the Study Areas that would experience a DNL 5 dB or greater decrease in areas exposed to DNL between 45 dB and 60 dB under the 2027 Proposed Action when compared to the 2027 No Action Alternative. No historical or cultural properties experience a reportable change due to the Proposed Action.

Exhibit 18 in the Noise Technical Report identifies the location of the points. **Table D-3** provides a Location Identifier, geographical coordinates (latitude and longitude), place name/description, the calculated DNL under the No Action Alternative and the Proposed Action for 2027, and the change in DNL. Note that some places are in identical geographic coordinates either due to their proximity to each other or having originated from different data resources (see **Table D-1**); however, all named places with unique resource numbering are listed in this table for completeness.

Table D-3. Reportable Noise Change (+/- 5dB) Between the DNL 45 dB and 60 dB Range – 2027

Section 4(f)/106 Grid ID	Latitude	Longitude	Name	City	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
S4F_USAP_260	33.647647	-112.035260	Grovers Park	Phoenix	40.6	46.5	5.9
S4F_USAP_274	33.644636	-112.058962	Turtle Rock Park	Phoenix	40.3	45.6	5.4
S4F_USAP_275	33.630087	-112.016558	Palomino Park	Phoenix	40.7	46.2	5.5
S4F_USAP_277	33.648123	-112.081330	Werners Field Park	Phoenix	40.6	45.6	5.0
S4F_USAP_283	33.648518	-112.059773	Mountain View Tennis Center	Phoenix	40.4	46.1	5.7
S4F_USAP_285	33.654387	-112.059014	Quail Run Basin Park	Phoenix	40.7	46.7	6.0

Section 4(f)/106 Grid ID	Latitude	Longitude	Name	City	No Action Alternative DNL (dB)	Proposed Action DNL (dB)	Change (dB)
S4F_USAP_286	33.696256	-112.132953	Paseo Highlands Park	Phoenix	40.8	46.5	5.7
S4F_PRTDA_561	33.634506	-112.086684	Moonlight Mini Park	Phoenix	40.0	45.3	5.3
GSA_UG_29450	33.651340	-111.961670	Central Arizona Project Canal	Phoenix	47.5	42.2	-5.3
GSA_UG_31741	33.718138	-112.041554	Cave Buttes Rec Area	Phoenix	45.3	37.0	-8.3
GSA_UG_32301	33.734833	-112.051552	Cave Buttes Rec Area	Phoenix	46.4	36.0	-10.4
S4F_USAP_345	33.631449	-111.962273	Desert Horizon Park	Phoenix	51.6	41.3	-10.3
S4F_USAP_346	33.615850	-111.938729	Sandpiper Park	Phoenix	55.4	48.3	-7.2
S4F_USAP_348	33.620448	-111.949002	Crossed Arrows Park	Scottsdale	52.0	44.3	-7.7
S4F_USAP_353	33.633740	-111.951382	Jackrabbit Basin Park	Phoenix	51.0	41.1	-9.9

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: USAP, PRTDA, AEDT 3g

D.4 Section 4(f), Historic, and Cultural Resources Noise Changes - 2032

There were no Section 4(f) or historic/cultural locations with a significant change (+/- 1.5 dB) within the DNL 65 dB nor any reportable changes (+/- 3dB) in noise between DNL 60 and 65 dB due to the Proposed Action in 2032. There are also no historic or cultural resources with reportable changes (+/- 5dB) in noise between DNL 45 and 60 dB due to the Proposed Action in 2032.

Table D-4 identifies the seven Section 4(f) resources identified within the Study Areas that would experience a DNL 5 dB or greater increase in areas exposed to DNL between 45 dB and 60 dB under the 2032 Proposed Action when compared to the 2032 No Action Alternative. **Table D-4** also identifies the six Section 4(f) resources identified at eight grid points within the Study Areas that would experience a DNL 5 dB or greater decrease in areas exposed to DNL between 45 dB and 60 dB under the 2032 Proposed Action when compared to the 2032 No Action Alternative. No historical or cultural properties experience a reportable change due to the Proposed Action.

Exhibit 19 in the Noise Technical Report identifies the location of the points. **Table D-4** provides a Location Identifier, geographical coordinates (latitude and longitude), place name/description, the calculated DNL under the No Action Alternative and Proposed Action for

2032, and the change in DNL. Note that some places are in identical geographic coordinates either due to their proximity to each other or having originated from different data resources (**Table D-1**); however, all named places with unique resource numbering are listed in this table for completeness.

Table D-4. Reportable Noise Change (+/- 5dB) Between the DNL 45 dB and 60 dB Range – 2032

Section 4(f)/106 Grid ID	Latitude	Longitude	Name	City	No Action Alternative DNL	Proposed Action DNL	Change
S4F_USAP_260	33.647647	-112.035260	Grovers Park	Phoenix	40.7	46.7	6.0
S4F_USAP_274	33.644636	-112.058962	Turtle Rock Park	Phoenix	40.4	45.8	5.4
S4F_USAP_275	33.630087	-112.016558	Palomino Park	Phoenix	40.9	46.4	5.6
S4F_USAP_283	33.648518	-112.059773	Mountain View Tennis Center	Phoenix	40.5	46.2	5.7
S4F_USAP_285	33.654387	-112.059014	Quail Run Basin Park	Phoenix	40.8	46.8	6.0
S4F_USAP_286	33.696256	-112.132953	Paseo Highlands Park	Phoenix	40.9	46.6	5.7
S4F_PRTDA_561	33.634506	-112.086684	Moonlight Mini Park	Phoenix	40.1	45.4	5.3
GSA_UG_29450	33.651340	-111.961670	Central Arizona Project Canal	Phoenix	47.6	42.4	-5.2
GSA_UG_31741	33.718138	-112.041554	Cave Buttes Rec Area	Phoenix	45.5	37.3	-8.2
GSA_UG_32023	33.726484	-112.051548	Cave Buttes Rec Area	Phoenix	45.1	36.4	-8.7
GSA_UG_32301	33.734833	-112.051552	Cave Buttes Rec Area	Phoenix	46.6	36.2	-10.4
S4F_USAP_345	33.631449	-111.962273	Desert Horizon Park	Phoenix	51.6	41.5	-10.1
S4F_USAP_346	33.615850	-111.938729	Sandpiper Park	Phoenix	55.7	48.5	-7.2
S4F_USAP_348	33.620448	-111.949002	Crossed Arrows Park	Scottsdale	52.2	44.5	-7.7
S4F_USAP_353	33.633740	-111.951382	Jackrabbit Basin Park	Phoenix	51.0	41.3	-9.7

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: USAP, PRTDA, AEDT 3g

Attachment E Uniform Grid Noise Changes

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For the General Study Area, a uniform grid was developed with grid points evenly spaced in 0.5-NM intervals. For the Supplemental Study Area, a uniform grid was developed with grid points evenly spaced in 2-NM intervals. The uniform grid covering the Supplemental Study Area has a larger spacing between grid points because aircraft are generally at higher altitudes throughout the Supplemental Study Area.

The uniform grid analysis was done to capture the noise level changes in areas not covered by other grids. The General Study Area grid contains 47,409 grid points, and the Supplemental Study Area grid contains 5,534 grid points. A total of 23,571 uniform grid points were assigned to Section 4(f) or Section 106 areas. **Exhibit 1** in the Noise Technical Report depicts the uniform grid points modeled within the Study Areas.

E.1 Uniform Grid Noise Changes - 2027

There were no uniform grid points with a significant change (+/- 1.5 dB) within the DNL 65 dB nor any reportable changes (+/- 3dB) in noise between DNL 60 and 65 dB due to the Proposed Action in 2027.

Table E-1 identifies the 41 uniform grid points within the Study Areas that would experience a DNL 5 dB or greater increase and the 23 uniform grid points within the Study Areas that would experience a DNL 5 dB or greater decrease in areas exposed to DNL between 45 dB and 60 dB under the 2027 Proposed Action when compared to the 2027 No Action Alternative. There are no reportable changes within the Supplemental Study Area and points shown in **Table E-1** are all within the General Study Area.

Exhibit 20 in the Noise Technical Report identifies the location of the grid points. **Table E-1** provides a Location Identifier, geographical coordinates (latitude and longitude), the calculated DNL under the No Action Alternative and Proposed Action for 2027, and the change in DNL. Note that some Uniform Grid points may be very close to other grids; however, all grid points are listed in this table for completeness.

Table E-1. Reportable Noise Change (+/- 5 dB) Between the DNL 45 dB and 60 dB Range – 2027

Uniform Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
GSA_UG_17186	33.283785	-111.782949	39.2	45.6	6.4
GSA_UG_27750	33.601237	-111.941745	50.6	56.7	6.1
GSA_UG_27751	33.601231	-111.931768	50.9	56.7	5.8
GSA_UG_28308	33.617954	-112.001605	40.9	46.2	5.3
GSA_UG_28309	33.617953	-111.991626	42.6	48.7	6.1
GSA_UG_28579	33.626255	-112.121360	40.5	45.6	5.1
GSA_UG_28580	33.626264	-112.111381	40.3	45.3	5.0

Uniform Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
GSA_UG_28590	33.626304	-112.011583	40.8	46.7	5.9
GSA_UG_28591	33.626303	-112.001604	41.6	46.8	5.2
GSA_UG_28864	33.634613	-112.111390	40.4	45.6	5.2
GSA_UG_28865	33.634620	-112.101410	40.4	45.6	5.2
GSA_UG_28866	33.634627	-112.091429	40.1	45.4	5.3
GSA_UG_28867	33.634633	-112.081448	40.1	45.2	5.2
GSA_UG_28873	33.634652	-112.021564	40.7	45.9	5.3
GSA_UG_29150	33.642969	-112.101418	40.3	45.4	5.2
GSA_UG_29151	33.642976	-112.091437	40.2	45.6	5.4
GSA_UG_29152	33.642982	-112.081455	40.7	45.7	5.0
GSA_UG_29153	33.642987	-112.071473	40.1	45.6	5.5
GSA_UG_29154	33.642991	-112.061492	40.2	45.4	5.2
GSA_UG_29155	33.642995	-112.051510	40.3	45.6	5.3
GSA_UG_29156	33.642998	-112.041528	40.3	46.4	6.1
GSA_UG_29157	33.643000	-112.031547	40.5	46.3	5.8
GSA_UG_29438	33.651331	-112.081462	40.5	45.5	5.0
GSA_UG_29439	33.651336	-112.071479	40.4	45.8	5.4
GSA_UG_29440	33.651340	-112.061496	40.5	46.2	5.8
GSA_UG_29441	33.651344	-112.051514	40.7	47.0	6.4
GSA_UG_29442	33.651347	-112.041531	40.5	47.0	6.4
GSA_UG_29443	33.651349	-112.031549	40.6	45.6	5.0
GSA_UG_29728	33.659689	-112.061501	41.1	46.8	5.7
GSA_UG_29729	33.659693	-112.051518	41.1	47.1	6.0
GSA_UG_29730	33.659696	-112.041534	41.1	46.1	5.1
GSA_UG_29743	33.659659	-111.911748	45.2	50.9	5.7
GSA_UG_30015	33.668038	-112.061506	41.5	46.5	5.0
GSA_UG_30029	33.668016	-111.921723	41.9	49.9	8.0
GSA_UG_30315	33.676372	-111.931699	41.6	47.2	5.6
GSA_UG_30316	33.676365	-111.921714	43.2	48.6	5.4
GSA_UG_30603	33.684721	-111.931692	41.7	49.0	7.2
GSA_UG_30872	33.693038	-112.131432	41.4	47.4	6.0
GSA_UG_30892	33.693070	-111.931684	42.0	48.2	6.2
GSA_UG_31160	33.701376	-112.141432	39.2	45.4	6.2
GSA_UG_31736	33.718116	-112.091506	39.1	45.3	6.2
GSA_UG_28312	33.617945	-111.961689	53.0	47.4	-5.6
GSA_UG_28313	33.617940	-111.951711	52.8	45.8	-7.0
GSA_UG_28314	33.617935	-111.941732	54.5	46.3	-8.2
GSA_UG_28594	33.626297	-111.971664	49.1	43.0	-6.1
GSA_UG_28595	33.626294	-111.961685	53.2	42.5	-10.8
GSA_UG_28596	33.626289	-111.951705	51.6	42.2	-9.4

Uniform Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
GSA_UG_28597	33.626284	-111.941725	47.5	42.3	-5.2
GSA_UG_28878	33.634646	-111.971661	50.3	41.0	-9.4
GSA_UG_28879	33.634642	-111.961680	50.5	41.1	-9.4
GSA_UG_28880	33.634638	-111.951699	50.8	41.1	-9.7
GSA_UG_29162	33.642998	-111.981638	46.4	41.3	-5.1
GSA_UG_29163	33.642995	-111.971657	50.1	41.3	-8.8
GSA_UG_29164	33.642991	-111.961675	48.8	41.4	-7.4
GSA_UG_29165	33.642987	-111.951693	47.9	41.2	-6.6
GSA_UG_29449	33.651344	-111.971653	48.9	42.3	-6.6
GSA_UG_29450	33.651340	-111.961670	47.5	42.2	-5.3
GSA_UG_30031	33.668000	-111.901753	54.3	45.2	-9.2
GSA_UG_30318	33.676349	-111.901743	51.8	43.3	-8.5
GSA_UG_30606	33.684698	-111.901732	48.3	42.6	-5.6
GSA_UG_31170	33.701440	-112.041549	49.0	42.8	-6.1
GSA_UG_31456	33.709789	-112.041551	46.4	38.5	-7.9
GSA_UG_31741	33.718138	-112.041554	45.3	37.0	-8.3
GSA_UG_32301	33.734833	-112.051552	46.4	36.0	-10.4

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: HMMH, AEDT 3g

E.2 Uniform Grid Noise Changes - 2032

There were no uniform grid points with a significant change (+/- 1.5 dB) within the DNL 65 dB nor any reportable changes (+/- 3dB) in noise between DNL 60 and 65 dB due to the Proposed Action in 2032.

Table E-2 identifies the 38 uniform grid locations within the Study Areas that would experience a DNL 5 dB or greater increase and the 23 uniform grid locations within the Study Areas that would experience a DNL 5 dB or greater decrease in areas exposed in areas exposed to DNL between 45 dB and 60 dB under the 2032 Proposed Action when compared to the 2032 No Action Alternative. There are no reportable changes within the Supplemental Study Area and points shown in **Table E-2** are all within the General Study Area.

Exhibit 21 in the Noise Technical Report identifies the location of the points. **Table E-2** provides a Location Identifier, geographical coordinates (latitude and longitude), the calculated DNL under the No Action Alternative and Proposed Action for 2032, and the change in DNL. Note that some uniform grid points may be very close to other grids; however, all grid points with a reportable noise change are listed in this table for completeness.

Table E-2. Reportable Noise Change (+/- 5dB) Between the DNL 45 dB and 60 dB Range – 2032

Uniform Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
GSA_UG_17186	33.283785	-111.782949	39.5	46.0	6.5
GSA_UG_27750	33.601237	-111.941745	51.1	56.8	5.7
GSA_UG_27751	33.601231	-111.931768	51.3	56.9	5.6
GSA_UG_28308	33.617954	-112.001605	41.1	46.4	5.3
GSA_UG_28309	33.617953	-111.991626	42.7	48.9	6.2
GSA_UG_28590	33.626304	-112.011583	40.9	46.9	6.0
GSA_UG_28591	33.626303	-112.001604	41.7	47.1	5.3
GSA_UG_28864	33.634613	-112.111390	40.5	45.6	5.1
GSA_UG_28865	33.634620	-112.101410	40.4	45.6	5.1
GSA_UG_28866	33.634627	-112.091429	40.2	45.4	5.3
GSA_UG_28867	33.634633	-112.081448	40.2	45.3	5.2
GSA_UG_28872	33.634651	-112.031545	40.7	45.8	5.0
GSA_UG_28873	33.634652	-112.021564	40.8	46.1	5.4
GSA_UG_29150	33.642969	-112.101418	40.4	45.5	5.1
GSA_UG_29151	33.642976	-112.091437	40.3	45.6	5.3
GSA_UG_29153	33.642987	-112.071473	40.2	45.7	5.5
GSA_UG_29154	33.642991	-112.061492	40.3	45.6	5.2
GSA_UG_29155	33.642995	-112.051510	40.5	45.8	5.3
GSA_UG_29156	33.642998	-112.041528	40.4	46.6	6.2
GSA_UG_29157	33.643000	-112.031547	40.6	46.5	5.9
GSA_UG_29439	33.651336	-112.071479	40.6	45.9	5.4
GSA_UG_29440	33.651340	-112.061496	40.6	46.4	5.8
GSA_UG_29441	33.651344	-112.051514	40.8	47.2	6.4
GSA_UG_29442	33.651347	-112.041531	40.7	47.1	6.5
GSA_UG_29443	33.651349	-112.031549	40.7	45.8	5.1
GSA_UG_29728	33.659689	-112.061501	41.3	47.0	5.7
GSA_UG_29729	33.659693	-112.051518	41.3	47.3	6.0
GSA_UG_29730	33.659696	-112.041534	41.2	46.3	5.1
GSA_UG_29743	33.659659	-111.911748	45.1	51.0	5.9
GSA_UG_30015	33.668038	-112.061506	41.6	46.7	5.1
GSA_UG_30029	33.668016	-111.921723	42.0	50.0	8.1
GSA_UG_30315	33.676372	-111.931699	41.7	47.3	5.6
GSA_UG_30316	33.676365	-111.921714	43.2	48.7	5.5
GSA_UG_30603	33.684721	-111.931692	41.8	49.1	7.2
GSA_UG_30872	33.693038	-112.131432	41.5	47.5	6.0
GSA_UG_30892	33.693070	-111.931684	42.1	48.3	6.2
GSA_UG_31160	33.701376	-112.141432	39.3	45.5	6.2
GSA_UG_31736	33.718116	-112.091506	39.3	45.4	6.1
GSA_UG_28312	33.617945	-111.961689	53.0	47.6	-5.4

Uniform Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
GSA_UG_28313	33.617940	-111.951711	53.0	46.1	-7.0
GSA_UG_28314	33.617935	-111.941732	54.7	46.6	-8.1
GSA_UG_28594	33.626297	-111.971664	49.1	43.2	-5.9
GSA_UG_28595	33.626294	-111.961685	53.2	42.7	-10.5
GSA_UG_28596	33.626289	-111.951705	51.7	42.5	-9.2
GSA_UG_28597	33.626284	-111.941725	47.7	42.6	-5.1
GSA_UG_28878	33.634646	-111.971661	50.3	41.2	-9.2
GSA_UG_28879	33.634642	-111.961680	50.5	41.3	-9.2
GSA_UG_28880	33.634638	-111.951699	50.8	41.3	-9.5
GSA_UG_29163	33.642995	-111.971657	50.1	41.5	-8.6
GSA_UG_29164	33.642991	-111.961675	48.8	41.6	-7.2
GSA_UG_29165	33.642987	-111.951693	47.9	41.5	-6.4
GSA_UG_29449	33.651344	-111.971653	49.0	42.5	-6.5
GSA_UG_29450	33.651340	-111.961670	47.6	42.4	-5.2
GSA_UG_30031	33.668000	-111.901753	54.2	45.3	-8.9
GSA_UG_30318	33.676349	-111.901743	51.7	43.5	-8.2
GSA_UG_30606	33.684698	-111.901732	48.2	42.8	-5.4
GSA_UG_31170	33.701440	-112.041549	49.1	43.0	-6.1
GSA_UG_31456	33.709789	-112.041551	46.6	38.9	-7.7
GSA_UG_31741	33.718138	-112.041554	45.5	37.3	-8.2
GSA_UG_32023	33.726484	-112.051548	45.1	36.4	-8.7
GSA_UG_32301	33.734833	-112.051552	46.6	36.2	-10.4

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: HMMH, AEDT 3g

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Attachment F Noise-Sensitive Sites Noise Changes

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There were no noise sensitive sites with a significant change (+/- 1.5 dB) within the DNL 65 dB, nor any reportable changes (+/- 3 dB) in noise between DNL 60 and 65 dB, nor any reportable changes (+/- 5 dB) in noise between DNL 45 and 60 dB due to the Proposed Action in 2027 or 2032.

Table F-1 identifies the change in noise exposure for the noise sensitive sites with DNL greater than or equal to 65 dB under any alternative for 2024, 2027 and 2032. The table includes the name, address, type of place, geographical coordinates (latitude and longitude) of the noise-sensitive land use area and presents the calculated noise exposure values under Existing Conditions for 2024, the Proposed Action (PA), and No Action Alternative (NA) for 2027 and 2032.

Table F-1. Change in Noise at Noise-Sensitive Sites Greater Than or Equal to DNL 65 dB – 2024, 2027 and 2032

Location ID	Latitude	Longitude	Type	Name	City	2024 DNL EC	2027 DNL NA	2027 DNL PA	2027 DNL Change	2032 DNLNA	2032 DNL PA	2032 DNL Change
NSS_SCHOOL_2	33.431867	-112.049224	School	KELLY	Phoenix	66.6	67.2	66.5	-0.7	67.5	66.8	-0.7
NSS_SCHOOL_60	33.431867	-112.049224	School	Children First Academy - Tempe	Phoenix	66.6	67.2	66.5	-0.7	67.5	66.8	-0.7
NSS_SCHOOL_74	33.429973	-112.055349	School	KIDS AT HOPE ACADEMY CENTRAL	Phoenix	67.7	68.3	68.0	-0.3	68.6	68.2	-0.3
NSS_SCHOOL_80	33.628434	-111.901563	School	Desert Life Academy	Scottsdale	68.6	68.6	68.4	-0.1	68.7	68.5	-0.1
NSS_WORSHIP_1	33.432778	-112.051944	Church	Kingdom Hall of Jehovah's Witnesses of Hermosa Park	Phoenix	65.5	66.2	65.5	-0.7	66.5	65.7	-0.8
NSS_WORSHIP_33	33.431389	-112.061667	Church	Gospel Center Church	Phoenix	66.4	67.0	66.8	-0.2	67.3	67.0	-0.2
NSS_WORSHIP_55	33.628611	-111.901667	Church	Desert Life Christian Church	Currys Corner	70.0	70.0	69.8	-0.2	70.1	69.9	-0.2
NSS_WORSHIP_62	33.434167	-112.056111	Church	Sacred Heart Parish	Phoenix	64.2	64.8	64.3	-0.5	65.1	64.5	-0.5

Notes:
DNL = Day-Night Average Sound Level; EC = Existing Conditions; NA = No Action Alternative; PA = Proposed Action

Attachment G Airport Area Grid Noise Changes

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Additional sets of grid points were developed around each of the runways. Each set included (1) an oval shaped grid around the runway out to 10,000 feet and (2) a rectangular grid extending 3,000 feet on each side of runway centerline with approximately 30,000 feet (approximate 5.8 miles) from each runway end. Each of these sets introduced 2,996 points per a runway (PHX as three such sets, one each for Runway 8/26, Runway 7L/25R, and Runway 7R/25L) to supplement the other points in areas near the runways where sound levels could change over relatively small distances compared to the overall General Study Area. This results in a set of 50,952 airport area grid points. As these are focused on the runways, many of these points are located on airport property. The noise analysis will only report on grid points located off airport property.

G.1 Airport Area Grid Noise Increases - 2027

Table G-1 identifies the 28 airport area grid points within the General Study Area that would experience a DNL 1.5 dB or greater increase in areas exposed to DNL greater than or equal to 65 dB under the 2027 Proposed Action when compared to the 2027 No Action Alternative. These areas are over compatible land use, so they are not considered significant impacts. These locations are all located northeast or southwest of SDL.

Table G-1 provides a Location Identifier, geographical coordinates (latitude and longitude), the calculated DNL under the No Action Alternative and Proposed Action for 2027, and the change in DNL. Note that some Airport Area grid points may be very close to other grids; however, all grid points are listed in this table for completeness.

Table G-1. Airport Area Grid Noise Increase (+1.5 dB) Within the Proposed Action DNL 65 dB – 2027

Airport Area Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
SDL03_0048	33.610770	-111.924502	63.5	65.1	1.6
SDL03_1165	33.612530	-111.920593	63.4	65.2	1.8
SDL03_1228	33.612162	-111.921303	63.1	65.2	2.1
SDL21_0022	33.637039	-111.894189	63.9	65.5	1.6
SDL21_0048	33.634987	-111.896558	65.7	67.5	1.8
SDL21_0049	33.635975	-111.895417	64.8	66.5	1.7
SDL21_0050	33.636964	-111.894276	64.0	65.6	1.6
SDL21_1017	33.633051	-111.898792	68.0	69.6	1.6
SDL21_1018	33.633520	-111.898251	68.0	69.8	1.8
SDL21_1019	33.634081	-111.897603	66.8	68.6	1.8
SDL21_1020	33.634754	-111.896827	65.8	67.6	1.7
SDL21_1374	33.632478	-111.898247	63.7	65.5	1.9
SDL21_1421	33.632682	-111.898409	65.1	67.3	2.2

Airport Area Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
SDL21_1422	33.633065	-111.897779	63.9	66.2	2.3
SDL21_1425	33.632874	-111.898591	66.8	68.9	2.1
SDL21_1426	33.633301	-111.898003	66.1	68.6	2.5
SDL21_1427	33.633813	-111.897299	64.9	67.3	2.4
SDL21_1428	33.634426	-111.896456	63.6	66.1	2.5
SDL21_1439	33.632856	-111.899018	68.5	70.0	1.5
SDL21_1440	33.632963	-111.898894	68.2	69.7	1.5
SDL21_1441	33.633178	-111.898646	67.9	69.5	1.6
SDL21_1442	33.633286	-111.898522	67.9	69.6	1.7
SDL21_1443	33.633414	-111.898373	68.1	69.9	1.8
SDL21_1444	33.633672	-111.898076	67.5	69.2	1.8
SDL21_1445	33.633801	-111.897927	67.1	68.9	1.8
SDL21_1446	33.633955	-111.897749	66.9	68.7	1.8
SDL21_1447	33.634263	-111.897393	66.5	68.3	1.8
SDL21_1448	33.634417	-111.897215	66.3	68.1	1.8

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: HMMH, AEDT 3g

G.2 Airport Area Grid Noise Increases - 2032

Table G-2 identifies the 30 airport area grid points within the General Study Area that would experience a DNL 1.5 dB or greater increase in areas exposed to DNL greater than or equal to 65 dB under the 2032 Proposed Action when compared to the 2032 No Action Alternative. These areas are over compatible land use, so they are not considered significant impacts. These locations are all located northeast or southwest of SDL.

Table G-2 provides a Location Identifier, geographical coordinates (latitude and longitude), the calculated DNL under the No Action Alternative and Proposed Action for 2032, and the change in DNL. Note that some Airport Area grid points may be very close to other grids; however, all grid points are listed in this table for completeness.

Table G-2. Airport Area Grid Noise Increase (+1.5 dB) Within the Proposed Action DNL 65 dB – 2032

Airport Area Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
SDL03_0048	33.610770	-111.924502	63.7	65.2	1.5
SDL03_1165	33.612530	-111.920593	63.5	65.3	1.8
SDL03_1186	33.611701	-111.921942	63.0	65.1	2.1
SDL03_1228	33.612162	-111.921303	63.3	65.3	2.0
SDL03_1234	33.611211	-111.922771	62.9	65.1	2.2

Airport Area Grid ID	Latitude	Longitude	No Action Alternative DNL	Proposed Action DNL	Change
SDL03_1239	33.610705	-111.923829	63.0	65.0	2.0
SDL21_0022	33.637039	-111.894189	64.2	65.7	1.5
SDL21_0048	33.634987	-111.896558	66.0	67.6	1.7
SDL21_0049	33.635975	-111.895417	65.1	66.7	1.6
SDL21_0050	33.636964	-111.894276	64.3	65.8	1.5
SDL21_1017	33.633051	-111.898792	68.2	69.7	1.5
SDL21_1018	33.633520	-111.898251	68.2	69.9	1.7
SDL21_1019	33.634081	-111.897603	67.0	68.7	1.7
SDL21_1020	33.634754	-111.896827	66.1	67.8	1.7
SDL21_1374	33.632478	-111.898247	63.8	65.6	1.8
SDL21_1421	33.632682	-111.898409	65.3	67.4	2.1
SDL21_1422	33.633065	-111.897779	64.1	66.3	2.2
SDL21_1423	33.633524	-111.897024	62.7	65.1	2.4
SDL21_1425	33.632874	-111.898591	67.0	69.0	2.0
SDL21_1426	33.633301	-111.898003	66.3	68.7	2.4
SDL21_1427	33.633813	-111.897299	65.1	67.4	2.3
SDL21_1428	33.634426	-111.896456	63.9	66.3	2.4
SDL21_1441	33.633178	-111.898646	68.1	69.7	1.6
SDL21_1442	33.633286	-111.898522	68.1	69.8	1.7
SDL21_1443	33.633414	-111.898373	68.3	70.0	1.7
SDL21_1444	33.633672	-111.898076	67.7	69.4	1.7
SDL21_1445	33.633801	-111.897927	67.4	69.1	1.7
SDL21_1446	33.633955	-111.897749	67.2	68.9	1.7
SDL21_1447	33.634263	-111.897393	66.7	68.4	1.7
SDL21_1448	33.634417	-111.897215	66.6	68.3	1.7

Notes: DNL = Day-Night Average Sound Level, dB = Decibel
Sources: HMMH, AEDT 3g

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