PROJECT DEVELOPMENT & ENVIRONMENT NOISE STUDY REPORT

Widen Sawgrass Expressway (SR 869)
from W. of US 441 (SR 7) to Powerline Road (SR 845)
and
Widen Florida's Turnpike (SR 91)
From Wiles Road to Broward/Palm Beach County Line
Project Development and Environment Study

Broward County, Florida

Financial Project ID Number: 437153-1-22-03

Prepared For:
FLORIDA'S TURNPIKE ENTERPRISE

February 2024

Executive Summary

Florida's Turnpike Enterprise (FTE) is conducting a Project Development and Environment (PD&E) study to evaluate widening approximately four miles of the Sawgrass Expressway (SR 869) from west of US 441 (SR 7) to Powerline Road (SR 845) in Broward County. The study also includes 2.7 miles of Florida's Turnpike (SR 91) from Wiles Road to the Broward/Palm Beach County Line. The study area is located in Broward County and traverses the cities of Parkland, Coral Springs, Coconut Creek, and Deerfield Beach, as well as an area of unincorporated Broward County. Refer to **Figure 1-1** for the Project Location Map.

The objective of this PD&E Study is to evaluate corridor modifications to improve operations and interchange access. The proposed improvements address existing and future traffic needs, improve travel time reliability, enhance safety, and provide long-term mobility options along the corridor. The study is evaluating additional lanes, new collector-distributor (C-D) roadway systems and interchange improvements.

For the year 2045 Build condition, noise levels were predicted using the Federal Highway Administration (FHWA) Traffic Noise Model (TNM), version 2.5. A total of 1,269 receptor locations representing 3,660 residential and 262 special land use noise sensitive sites were included in the TNM. Noise levels at 1,584 residences and 130 nonresidential "special land use" sites are predicted to approach or exceed the NAC for the year 2045 Build Alternative and are therefore considered "impacted."

Within the study area, eleven existing barriers or planned noise barriers on adjoining projects (Turnpike project FPID 415927-4 to widen the Turnpike from the Sawgrass Expressway to the Palm Beach County Line) and FDOT District 4 project FPID 436964-1, the SW 10th Street Connector) will be retained in the future design. To determine if noise barriers were feasible and reasonable in areas with existing/planned barriers, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze an area with an existing barrier or where a noise barrier system will be in place in the design year.

Analyses of the impacted locations were performed to determine if noise abatement was feasible and reasonable under FDOT policy, including the no-barrier analysis of existing noise barriers. The PD&E study phase analysis indicates that noise barriers are potentially feasible and reasonable in sixteen noise sensitive areas. These nine noise barrier systems could potentially provide reasonable and feasible noise abatement for 1,380 of the 1,584 impacted residences (including existing/planned barrier "no-barrier" analysis impacts), as well as provide a 5 dB(A) noise reduction benefit to 797 non-impacted residences. Noise abatement was not determined feasible and reasonable for any of the 130 impacted special use sites; however, some of the special use locations will receive incidental benefits from noise barriers for the residential areas.

The potentially feasible and reasonable noise barriers meet the FDOT's cost per benefit criteria with a preliminary cost of under the $42,000 per benefited receptor criterion. Nine noise barrier systems will be given further consideration during the Design phase of this project. The dimensions of noise barriers are subject to change during the project's design phase. The results of the noise barrier evaluations where noise abatement was determined to be feasible and reasonable are summarized by noise-sensitive area in **Table 4-1**.

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1.0 INTRODUCTION

1.1. Project Description

Florida's Turnpike Enterprise (FTE) is conducting a Project Development and Environment (PD&E) study to evaluate widening approximately four miles of the Sawgrass Expressway (SR 869) from west of US 441 (SR 7) to Powerline Road (SR 845) in Broward County. The study also includes 2.7 miles of Florida's Turnpike (SR 91) from Wiles Road to the Broward/Palm Beach County Line. The study area is located in Broward County and traverses the cities of Parkland, Coral Springs, Coconut Creek, and Deerfield Beach, as well as an area of unincorporated Broward County. Refer to **Figure 1-1** for the Project Location Map.

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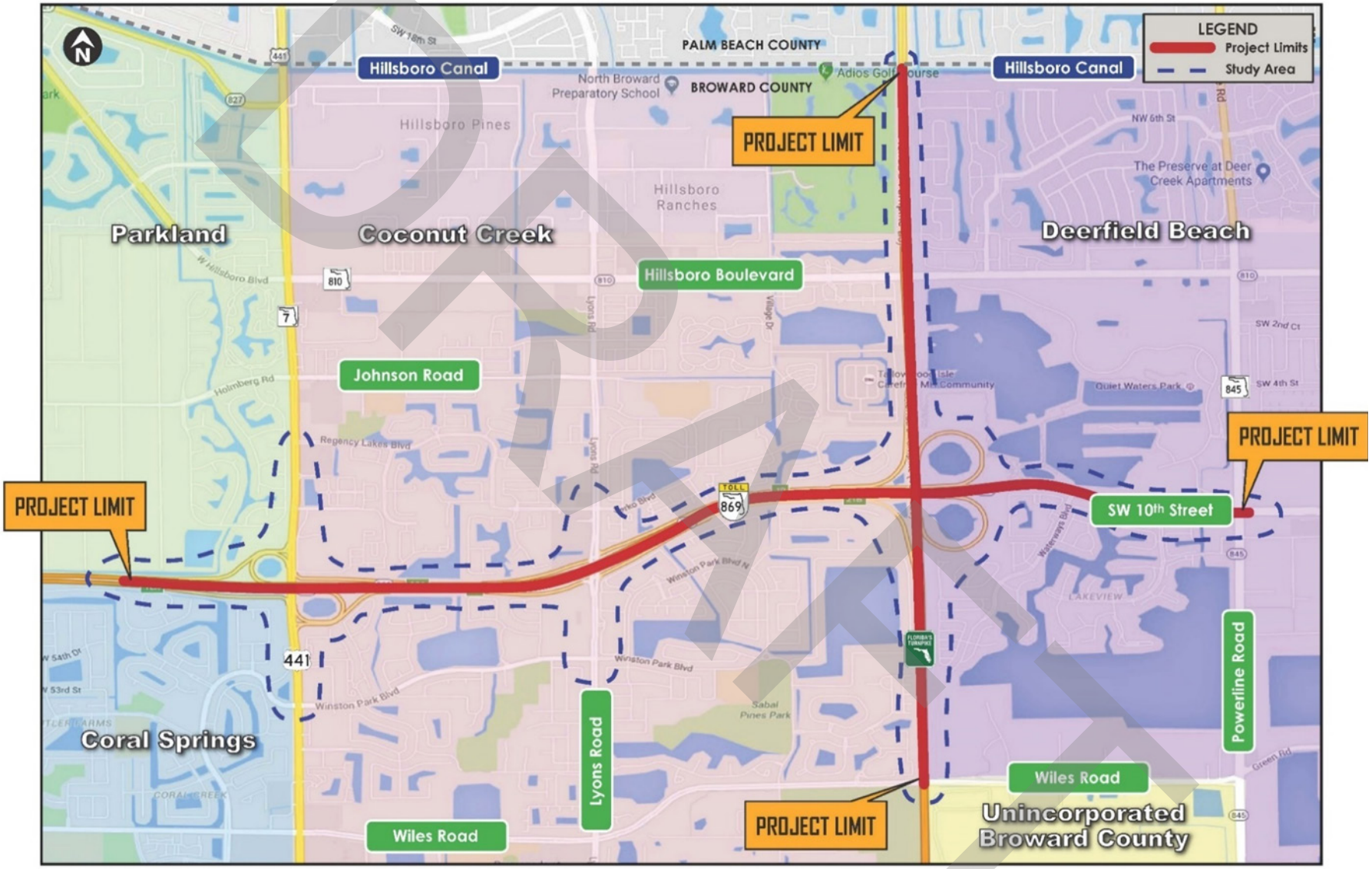
The Sawgrass Expressway is a tolled 21-mile limited access facility in northern Broward County. Between west of US 441 and Florida's Turnpike, the corridor consists primarily of six travel lanes (three in each direction) with auxiliary lanes at select locations. Between Lyons Road and Florida's Turnpike, this section also has a two-lane C-D roadway system on both sides of the corridor, providing ramp access to and from Florida's Turnpike. This corridor segment is functionally classified as a Divided Urban Principal Arterial Expressway with a posted speed limit of 65 miles per hour.

Between Florida's Turnpike and Powerline Road, the corridor changes to SW 10th Street with primarily six non-tolled travel lanes (three in each direction) and a functional classification of Urban Principal Arterial Other. The posted speed limit of this section is 45 miles per hour. The access management classification of the corridor is Class 1. The Florida Department of Transportation (FDOT) District Four plans to improve this section of SW 10th Street by adding two limited access connector lanes in each direction and other corridor improvements along SW 10th Street between Florida's Turnpike and Interstate 95 (I-95). That project is expected to be opened to traffic before the implementation of this FTE project. Therefore, the SW 10th Street Connector project is included in the future No-Build condition for this project.

Florida's Turnpike is also a tolled limited access facility that runs north-south from I-95 to Interstate 75 (I-75) in Wildwood. Between Wiles Road and the Broward/Palm Beach County Line, the corridor consists primarily of six travel lanes (three in each direction). This corridor segment is functionally classified as a Divided Urban Principal Arterial Expressway with a posted speed limit of 65 miles per hour. The access management classification of the corridor is Class 1.

Figure 1-1 - Project Location Map



1.2. Purpose & Need

The primary purpose of this project is to add lanes to meet future transportation demand, improve travel time reliability, and provide long-term mobility options. The project also includes operational and safety enhancements to the US 441, Lyons Road, and Florida's Turnpike interchanges.

1.2.1. Accommodate Travel Demands

The Sawgrass Expressway connects the cities of Coral Springs, Parkland, Coconut Creek, and Deerfield Beach to Florida's Turnpike. Travel demand on the Sawgrass Expressway is directly related to population and employment changes within Broward County and the cities within the corridor. The population of Broward County is expected to increase by 15% from 2020 to 2045, while the cities directly adjacent to the Sawgrass Expressway are projected to grow between 6% and 12%, except for the City of Parkland. This projected increase in population will result in increased traffic on Sawgrass Expressway and adjacent roadway network.

A Systems Interchange Modification Report [1,] dated January 2023, was prepared by FTE for this PD&E Study. According to that report, additional lanes will be needed along the Sawgrass Expressway corridor by 2025. West of US 441, one additional lane is needed by the year 2025, and two additional lanes are needed by the year 2033. Between US 441 and Lyons Road, one additional lane is needed by the year 2025 and two lanes by 2028. Between Lyons Road and Florida's Turnpike, one additional lane is needed by the year 2025, and two additional lanes are needed by the year 2028. Between Florida's Turnpike and Powerline Road, one additional lane is needed by the year 2025.

The report also identified that additional lanes are needed along Florida's Turnpike corridor by the year 2025. South of the Sawgrass Expressway, one additional lane is needed by the year 2026, and north of the Sawgrass Expressway, one additional lane is needed by the year 2025 and two additional lanes by 2045.

Several interchanges and adjacent intersections are operating at an unacceptable level of service. If additional lanes are not added to the corridor, the congestion within the project limits will worsen considerably with longer peak periods, more crashes, and deteriorating travel time reliability.

1.2.2. Improve Regional Connectivity

Continuity in the transportation system is essential for efficient vehicle movements, travel patterns, and safety. The Sawgrass Expressway is part of the State's Strategic Intermodal System (SIS) and the National Highway System (NHS), providing connectivity to Interstate 595 (I-595), I-75, Florida's Turnpike, and I-95. The corridor also connects the local multi-modal transportation network by providing access to the Sunrise Park and Ride at the Amerant Bank Arena (formerly known as BB&T Center) and linking the existing Express Bus service along I-595 to Downtown Fort Lauderdale and Downtown Miami.

Additional lanes are proposed on the Sawgrass Expressway from south of Sunrise Boulevard to west of US 441 and on Florida's Turnpike both north and south of the Sawgrass Expressway. The segment corridor from US 441 to Florida's Turnpike is the last segment missing the needed additional lanes to continue to provide a reliable system linkage with Florida's Turnpike and to the east. Additional lanes along the corridor will enhance the

mobility of goods by alleviating current and future congestion along the corridor and surrounding freight and transit networks.

1.2.3. Enhance Emergency Response and Evacuation

The Sawgrass Expressway is part of the emergency evacuation route network designated by the Florida Division of Emergency Management and Broward County. This corridor is critical in facilitating traffic movement during emergency evacuation periods as it connects to other major arterials and highways of the state evacuation route network (i.e., I-595, I-75, Florida's Turnpike and to I-95 via the arterial portion of SR 869 known as SW 10th Street to the east). Increasing the capacity of the Sawgrass Expressway will reduce evacuation times needed for residents of Broward County during emergency and hurricane evacuations.

1.3. Preferred Alternative

1.3.1. Sawgrass Expressway

The preferred alternative proposes to widen the Sawgrass Expressway to four travel lanes in each direction with auxiliary lanes at select locations. The preferred alternative also includes C-D roadway systems on both sides of the corridor. The C-D roadway systems will separate local traffic and interchange traffic from the mainline traffic. The C-D roadway systems will be barrier-separated from the Sawgrass Expressway mainline lanes.

Sawgrass Expressway, west of US 441, will tie into the proposed Sawgrass Expressway widening project to the west between Atlantic Boulevard and west of US 441 (FPID# 435461-1). This section will consist of 12-foot-wide travel lanes and auxiliary lanes with 15-foot-wide inside shoulders, 12-foot-wide outside shoulders, and a 2-foot-wide median barrier wall.

The roadway section between US 441 and Lyons Road will consist of 12-foot-wide travel lanes and auxiliary lanes with 15-foot-wide inside shoulders, 12-foot-wide outside shoulders, and a 2-foot-wide median barrier wall. The C-D roadway systems begin at US 441 and end at Florida's Turnpike. Between US 441 and Lyons Road, the C-D roadway system will consist of two 12-foot-wide travel lanes with varying inside and outside shoulder widths between 8-12 feet wide, separated from the mainline lanes with a 2-foot-wide barrier wall.

Between Lyons Road and Florida's Turnpike, the roadway section will consist of 12-foot-wide travel lanes and auxiliary lanes with varying inside and outside shoulder widths between 12-14 feet wide and a 2-foot-wide median barrier wall. The C-D roadway system will consist of two 12-foot-wide travel lanes and one auxiliary lane with varying inside and outside shoulder widths between 8-12 feet wide, separated from the mainline lanes with a 2-foot-wide barrier wall.

1.3.2. SW 10th Street

SW 10th Street, between Florida's Turnpike and Powerline Road, will consist of two separate roadway corridors: 1) SW 10th Street and 2) SW 10th Street Connector. This roadway section overlaps with the SW 10th Street project currently underway by FDOT District Four (FPID# 439891-1). This project plans to add two limited access connector lanes in each direction on the north side of the existing SW 10th Street corridor between Florida's Turnpike and I-95. The FDOT project also proposes other corridor improvements along the SW 10th Street existing corridor. Some

of the major improvements within this roadway section between Florida's Turnpike and Powerline Road are listed below:

- Realign the existing SW 10th Street corridor to the south to leave space on the north side for the new connector lanes. The new south corridor alignment will consist of 11-foot-wide travel lanes, auxiliary lanes, and turn lanes. The corridor will also have a raised center median and a shared-use path along the south side of the roadway.
- The connector lanes will begin and end at the Sawgrass Expressway within the Florida's Turnpike Interchange and will be grade-separated over Powerline Road.
- A new SW 10th Street westbound (WB) bridge structure will be constructed just east of Florida's Turnpike to allow the new connector lanes to cross under from the north side to the inside to merge with the Sawgrass Expressway to the west.
- Intersection improvements at Waterways Boulevard, Independence Drive, and Powerline Road.

All the improvements listed above are expected to be constructed and opened to traffic before the implementation of the Sawgrass Expressway project. The Sawgrass Expressway widening project will tie to the FDOT SW 10th Street project east of Florida's Turnpike.

1.3.3. Florida's Turnpike

The preferred alternative proposes to widen Florida's Turnpike between Wiles Road and the Broward/Palm Beach County Line to four general travel lanes and one express through lane in each direction for a total of ten lanes, with auxiliary lanes at select locations. All mainline lanes and shoulders are 12-foot wide, with a 2-foot-wide median barrier wall. The preferred alternative widens and improves the existing ramps. Some of these improvements include:

- Eliminating the northbound (NB) weaving section between the two loop ramps.
- Eastbound (EB) to NB loop ramp widening to two lanes.
- Adding a southbound (SB) to westbound (WB) direct connection to the Sawgrass Expressway WB lanes.
- NB to WB loop ramp widening to two lanes.
- EB to SB ramp widening to two lanes.

The preferred alternative also adds the missing direct connection ramps between SW 10th Street and Florida's Turnpike. The proposed new direct connections are:

- Florida's Turnpike SB to SW 10th Street EB
- Florida's Turnpike SB to SW 10th Street Connector EB
- SW 10th Street WB to Florida's Turnpike SB
- SW 10th Street Connector WB to Florida's Turnpike SB
- SW 10th Street WB to Florida's Turnpike NB
- SW 10th Street Connector WB to Florida's Turnpike NB
- Florida's Turnpike NB to SW 10th Street EB
- Florida's Turnpike NB to SW 10th Street Connector EB

2.0 METHODOLOGY

The traffic noise study was performed in accordance with *Code of Federal Regulations, Title 23, Part 772 (23 CFR 772) Procedures for Abatement of Highway Traffic Noise and Construction Noise* [2] using methodology established by the FDOT in the *Project Development and Environment Manual* [3], *Part 2, Chapter 18* (FDOT, July 1, 2023) and FDOT's *Traffic Noise Modeling and Analysis Practitioners Handbook* [4]. Predicted noise levels were produced using the Federal Highway Administration (FHWA) Traffic Noise Model (TNM), version 2.5.

2.1. Noise Metrics

Noise levels developed for this analysis are expressed in decibels (dB) using an "A"-scale [dB(A)] weighting. This scale most closely approximates the response characteristics of the human ear. All noise levels are reported as hourly equivalent noise levels (L_{Aeq1h}). The L_{Aeq1h} is defined as the equivalent steady-state sound level that, in a given hourly period, contains the same acoustic energy as the time-varying sound level for the same hourly period. Use of the dB(A) and L_{Aeq1h} metrics to evaluate traffic noise is consistent with 23 CFR 772.

2.2. Traffic Data

Traffic noise is heavily dependent on both traffic speed and traffic volume, with the amount of noise generated by traffic increasing as the vehicle speed and number of vehicles increase. The traffic conditions that result in the highest noise levels for roadways are the hourly traffic volumes representing Level of Service (LOS) C traffic conditions because they represent maximized traffic volumes that continue to travel at free-flow speed.

Traffic volumes and vehicle mix (e.g., cars, medium trucks, heavy trucks, motorcycles, and buses) were predicted for the design year (2045) under the Build and No-Build condition. For all roadway segments, LOS C hourly traffic volumes were compared to predicted design year demand hourly volumes, and the lower of the two was used in the model. For interchange ramps, the predicted design year demand hourly volumes were used. Traffic volumes and speeds used in the analysis are provided in Appendix A.

2.3. Noise Abatement Criteria

Noise sensitive sites are any property where frequent human use occurs and where a lowered noise level would be a benefit. FHWA has established noise levels at which noise abatement must be considered for various types of noise sensitive sites. These levels, which the FTE uses for the purpose of evaluating traffic noise, are referred to as the Noise Abatement Criteria (NAC). As shown in **Table 2-1**, the NAC vary by activity category. Noise sensitive sites are considered impacted when the future design year Build alternative traffic noise level is predicted to approach, meet, or exceed the NAC for its respective category or experience a substantial increase in noise levels, defined as an increase of 15 dB(A) or more in the design year, over the existing noise levels. The FDOT defines "approach" as within one dB(A) of the applicable FHWA criterion. A substantial increase typically occurs in areas where traffic noise is a minor component of the existing noise environment but would become a major component after the project is constructed (e.g., a new alignment project). For comparison purposes, typical noise levels for common indoor and outdoor activities are provided in **Figure 2-1**.

2.4. Noise Abatement

Noise abatement measures are considered when predicted traffic noise levels approach, meet, or exceed the NAC or when there is a substantial increase (15 dB(A)) in traffic noise levels. Predicted traffic noise levels, NAC classification, and impact criteria for all noise sensitive sites in this project are documented in Appendix B. As outlined in the PD&E Manual[2], these noise abatement measures may include traffic system management, alignment modifications, property acquisitions, land use controls, and noise barriers.

2.4.1. Traffic Management

Traffic control measures that limit motor vehicle speeds and restrict certain vehicle types can be effective noise mitigation measures; however, these measures may also negate a project's ability to meet the facility's needs. For example, if the posted speed on the Sawgrass Expressway or Florida's Turnpike were reduced, the capacity of the roadway to handle the forecasted motor vehicle demand would also be reduced. Therefore, reducing traffic speeds and/or traffic volumes is inconsistent with the goal of improving the ability of the roadway to handle the forecasted volumes. As such, although feasible, traffic management measures are not considered a reasonable noise mitigation measure for the project.

2.4.2. Alignment Modifications

Alignment modification involves orienting and/or siting the roadway at sufficient distances from noise sensitive sites to minimize traffic noise. Based on the noise contours developed for this project and shown in Appendix C**,** any alignment shift that would avoid traffic-related noise impacts of the proposed project would simply introduce noise impacts to other noise sensitive sites, and no net benefit would result. Therefore, alignment modifications are not considered a reasonable noise mitigation measure.

2.4.3. Buffer Zones & Land Use Controls

To be considered reasonable, the FDOT has determined that noise abatement should not exceed $42,000 per benefited receptor (noise sensitive site). Property and homes within this area far exceed this value; therefore, property acquisition is not considered a reasonable noise abatement measure.

Another noise abatement measure is using land use controls to minimize impacts on future development. This Noise Study Report will be made available to local planning authorities to assist in the siting of future compatible land uses. Noise contours were developed for the roadway segments, showing the best estimate of the distances from the proposed edge of the nearest travel lane at which traffic noise would approach or exceed the NAC for each activity category found within each project segment. The predicted noise contours for each segment of the Build alternative are shown in Appendix C.

Table 2-1 - FHWA & FDOT Noise Abatement Criteria

NOISE ABATEMENT CRITERIA (NAC) [Hourly A-Weighted Sound Level-decibels (dB(A))]				
Activity Category	**Activity Leq(h)[1]**		**Evaluation Location**	**Description of Activity Category**
	FHWA	**FDOT**		
A	57	56	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B[2]	67	66	Exterior	Residential
C[2]	67	66	Exterior	Active sports areas, amphitheaters, auditoriums, campgrounds, cemeteries, daycare centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreational areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	51	Interior	Auditoriums, daycare centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E[2]	72	71	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties, or activities not included in A-D or F.
F	_	_	_	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G	_	_	_	Undeveloped lands that are not permitted.

(Based on Table 1 of 23 CFR Part 772)

[1] The Leq(h) Activity Criteria values are for impact determination only and are not design standards for noise abatement measures.
[2] Includes undeveloped lands permitted for this activity category.

Note: FDOT defines that a substantial noise increase occurs when the existing noise level is predicted to be exceeded by 15 decibels or more as a result of the transportation improvement project. When this occurs, the requirement for abatement consideration will be followed.

Figure 2-1 - Typical Noise Levels

Common Outdoor Activities	Noise Level dB(A)	Common Indoor Activities
	---110---	Rock Band
Jet Fly-Over 1000 ft.		
	---100---	
Gas Lawn Mower at 3 ft.		
	---90---	
Diesel Truck at 50 ft., at 50 mph		Food Blender at 3 ft.
	---80---	Garbage Disposal at 3 ft.
Noise Urban Area (Daytime)		
Gas Lawn Mower at 100 ft.	---70---	Vacuum Cleaner at 10 ft.
Commercial Area		Normal Speech at 3 ft.
Heavy Traffic at 300 ft.	---60---	
		Large Business Office
Quiet Urban Daytime	---50---	Dishwasher Next Room
Quiet Urban Nighttime	---40---	Theater, Large Conference Room (Background)
Quiet Suburban Nighttime		
	---30---	Library
Quiet Rural Nighttime		Bedroom at Night, Concert Hall (Background)
	---20---	
	---10---	
Lowest Threshold of Human Hearing	---0---	Lowest Threshold of Human Hearing

Source: California Dept. of Transportation; Technical Noise Supplement; Oct 1998; Page 18.

2.4.4. Noise Barriers

Noise barriers reduce traffic noise by blocking the sound path between a highway and a noise sensitive site. To effectively reduce traffic noise, a noise barrier must be relatively long, continuous (with no intermittent openings), and of sufficient height. In addition to evaluating the cost reasonableness of noise barriers, certain feasibility factors must also be considered, including the noise reduction factor, safety, maintenance, and engineering factors.

3.0 TRAFFIC NOISE ANALYSIS AND ABATEMENT ASSESSMENT

3.1. Model Verification

To verify the accuracy of the TNM 2.5 noise model, field measurements were taken following procedures documented in FHWA's *Noise Measurement Field Guide* [5] (FHWA, June 2018). Noise monitoring was performed on May 8-9, 2023, using an Extech Instruments Model 407780 Type 2 Integrating Sound Level Meter (noise monitor). All monitoring events were 10 minutes in duration, which is consistent with the methodology documented in the FDOT PD&E Manual [3]. The noise monitor was calibrated using an Extech Instruments Model 407766 calibrator before and after each event. Typical vehicle speeds were established by sampling with a Bushnell Speedster handheld radar gun. Vehicles generally traveled within a few miles per hour (mph) of the 65-mph posted speed limit on the Sawgrass Expressway and Florida's Turnpike. Traffic volumes by vehicle classification were recorded for each monitoring event and then extrapolated to one-hour equivalent volumes for input within the TNM.

Three locations were used to validate the ability of the TNM to accurately predict traffic noise for this project. The location of the validation sites is shown on the project aerials in Appendix D as receptor points VS-01 through VS-03. Measurements were taken for three validation events. Receptor point VS-01 is located at the FDOT Right of Way (ROW) fence on the EB side of the Sawgrass Expressway C-D road west of the Florida's Turnpike interchange and is shown on sheet 6 in the project aerials, located in Appendix D. Receptor point VS-02 is located at the ROW fence on the SB side of Florida's Turnpike north of Hillsborough Boulevard and is shown on sheet 14 in the project aerials. Receptor point VS-03 is located within the Sawgrass Expressway/SW 10th Street ROW on the westbound side of SW 10th Street adjacent to Quiet Waters Park west of Powerline Road and is shown on sheet 7 in the project aerials.

The results of the validation events are summarized in **Table 3-1**. As shown in Table 3-1, the variance between the measured and predicted noise levels was 3.0 dB(A) or less at each of the three sites for all validation events. Therefore, the noise model is predicting traffic-related noise for this project within the level of accuracy specified in the FDOT PD&E Manual [3].

Table 3-1 - TNM Validation Results Summary

Location	Validation Event	Field Measured (dB(A))	TNM Predicted (dB(A))	Variance (dB(A))
VS-01	V1-1	66.4	67.4	1.0
	V1-2	66.6	67.0	0.4
	V1-3	67.7	69.5	1.8
VS-02	V2-1	73.2	75.5	2.3
	V2-2	72.7	74.6	1.9
	V2-3	73.8	75.1	1.3
VS-03 [1]	V3-1	68.5	67.2	-1.3
	V3-2	67.1	65.2	-1.9
	V3-3	68.3	66.4	-1.9

[1] The TNM predictions for Receptor point VS-03 are lower than noise levels measured in the field due to the atypical accelerating of heavy trucks at an adjacent traffic signal that could not be duplicated in the TNM.

3.2. Noise Sensitive Receptors

Within the project limits, TNM receptor points representing residences are located in accordance with the FDOT PD&E Manual [3] as follows:

- Residential receptor points are located at areas of frequent outdoor use or the corner of the residential building closest to the major traffic noise source.
- Where residences are clustered together, single receptor points are analyzed as representative of a group of residences with similar characteristics.
- Ground floor receptor points are assumed to be 5 feet above the ground elevation, and all receptors are assumed to be at ground level unless otherwise noted.
- Higher floor receptors are assumed to increase in elevation in 10-foot increments above the ground floor receptor.
- Nonresidential receptor points are located at the edge of the outdoor use area closest to the major traffic noise source.

A group of receptors within the same activity category that are exposed to similar noise sources and levels, traffic volumes, traffic mix, speed, and topographic features are said to share a Common Noise Environment (CNE). Generally, CNEs occur between two secondary noise sources, such as interchanges, intersections, and crossroads. A CNE involves a group of impacted receptors that would benefit from the same noise barrier or noise barrier system (i.e., overlapping/continuous noise barriers).

The alphanumeric identification for each receptor point associated with a noise sensitive receptor is formulated as follows:

- Receptor points are labeled according to the CNE within which they are located. CNEs are named as follows:
    - The first two letters (i.e., SB, NB, EB, or WB) describe on which side of the mainline road the CNE is located (e.g., "SB" indicates the receptor is located in a CNE on the southbound side of the mainline travel lanes).
    - The number following the first two letters is a numeric sequencing number (e.g., CNE SB03 is the 3rd CNE on the southbound side of the mainline road).
- The first letter of the receptor label is either an "R" or "N" and denotes whether the point is a residence or a nonresidential receptor, respectively.
- The four characters following the first letter is the CNE name (e.g., NSB03 would be the prefix for all nonresidential receptors located within CNE SB03).
- The final three characters are the individual receptor number and are separated from the first string of characters with a dash (e.g., NSB03-002 is the 2ND receptor, a nonresidential receptor in this case, in the 2nd CNE on the southbound side of the mainline road).
- Several nonresidential receptor areas, such as Quiet Waters Park, were subdivided into smaller areas for more accurate impact predictions (e.g., NNB02-002.2 is the second subdivided receptor point for the nonresidential receptor NNBO2-002).

The predicted noise level for each receptor is shown separately within Appendix B, with residential properties in Appendix B-1 and nonresidential sites in Appendix B-2. The project aerials in Appendix D show the locations of all impacted and/or benefited receptors.

3.3. Abatement Analysis

For the year 2045 Build condition, noise levels were modeled at 1,269 noise sensitive sites, representing 3,660 residences and 262 special use receptor points. These sites are grouped into CNEs to evaluate the potential feasibility and reasonableness of providing noise barriers to reduce traffic noise. Noise barriers reduce traffic noise by blocking the sound path between a traffic noise source and noise sensitive receptor. To effectively reduce traffic noise, a noise barrier must be relatively long, continuous (with no intermittent openings), and of sufficient height. For a noise barrier to be considered feasible and reasonable, the following conditions must be met.

To be considered feasible, it must:

- Demonstrate that it will benefit at least two impacted receptors by providing a reduction in traffic-related noise of at least 5 dB(A);
- Take into consideration several additional feasibility factors, including design and construction, safety, access, ROW, maintenance, drainage, and utility factors.

To be considered reasonable, it must:

- Take into consideration the viewpoints of the benefited property owners and residents;
- The cost of the noise barrier must not exceed $42,000 per benefited receptor for residences or $995,935/person-hour/ft^2 for special-use sites. A benefited receptor is defined as a receptor that would experience at least a 5 dB(A) reduction in noise levels as a result of providing a noise barrier. The current unit cost used to evaluate cost reasonableness is $30 per square foot for all noise barriers. This cost covers barrier materials and labor;
- Satisfy the FDOT's Noise Reduction Design Goal (NRDG) of 7 dB(A). Therefore, a noise barrier must provide a noise reduction of at least 7 dB(A) for at least one benefited receptor.

Within the project limits, noise barrier locations were evaluated for the project as follows:

- Non-shoulder noise barriers located outside the clear recovery zone but within the ROW, are initially considered at heights ranging from 8 feet to 22 feet in 2-foot increments.
- If a non-shoulder noise barrier cannot provide feasible and reasonable abatement to an impacted receptor, then a shoulder noise barrier is evaluated. When on a structure (e.g., bridge, retaining wall), a shoulder noise barrier is limited to a maximum height of 8 feet. If on embankment or ground mounted, a shoulder noise barrier is limited to a maximum height of 14 feet.

Using the evaluation process, noise barriers for each CNE are evaluated to determine the maximum number of impacted receptors that could potentially be provided at least a 5 dB(A) reduction in traffic-related noise. These noise barriers may be constrained by specific conditions, such as overhead utilities. As a result of the site-specific conditions, noise barriers may not provide a 5 dB(A) reduction in traffic-related noise to all impacted receptors.

At some locations, noise barriers may benefit receptors that are not impacted. Since abatement consideration at these receptors is not required, noise barrier lengths or heights are not increased to benefit non-impacted receptors. However, if benefited because of the proximity to an impacted receptor, these receptors are included when determining the cost reasonableness of the noise barrier based on cost per benefited receptor. This methodology is consistent with FHWA policy and guidance.

At some locations in the project, the endpoints of noise barrier systems for adjacent CNEs were found to touch or overlap. These areas were grouped together into larger noise barrier systems since it was not possible in many cases to define an optimal noise barrier system for one CNE's receptors without including some amount of noise barrier in an adjacent CNE. Grouping these areas into a larger noise barrier system was the only way to properly account for the impacts and benefits derived from the noise barrier system as a whole.

3.3.1. Special Use Site Analysis

The methodology used to evaluate noise barrier systems for special use sites differs from those used for residential locations. The standard procedure for determining the reasonableness and feasibility of a noise barrier for a special use site is documented in *A Method to Determine Reasonableness and Feasibility of Noise Abatement at Special Use Locations* (FDOT 2009) [6]. This special use site analysis procedure starts with the

established cost threshold for residential locations and generalizes it to a person-hours of use criteria that can be applied to nonresidential sites using this equation from the above-referenced document.

$$\text{“abatement cost factor”} = \frac{\$42k}{residence} * \frac{\text{residence}}{2.46\text{persons}} * \frac{\text{useage}}{24\text{hours}} * (14\text{ft} * 100\text{ft}) = \mathbf{\$995{,}935\ /person\text{-}hr/ft^2} \quad (2)$$

A noise barrier for a special use site is considered cost-reasonable if the calculated "abatement cost factor" is below the $995,935/person-hour/ft^2 threshold established in the above calculation.

3.3.2. Existing Noise Barrier Methodology

Due to the presence of existing noise barriers within the project limits, a method was needed to deal with these existing noise barriers in a consistent manner. As of this writing, no standard methodology for analyzing existing noise barriers exists on a statewide basis in Florida, so one was established for this project in consultation with the FTE noise specialist.

This methodology used a "no barrier" condition to determine the reasonableness and feasibility of retaining the existing noise barriers. In this condition, the height of the retained noise barrier was set to zero in the model, and the results from that "no barrier" condition were used to determine impacts, benefits, and all reasonableness and feasibility determinations.

Step one in the methodology was to determine if there were any project noise impacts behind the noise barriers being retained. If there were no impacted receptors behind an existing noise barrier in the future build condition, then that barrier would be considered fully effective, and no further consideration for noise abatement would be required for that area.

Step two in the methodology checked to see if the retained noise barriers were providing at least a 5 dB(A) benefit to every impacted receptor, and at least a 7 dB(A) reduction at one receptor when compared to the "no barrier" condition. If any impacted receptors were not benefiting from the retained noise barrier, then extending or supplementing the retained noise barrier with an additional shoulder or ROW barrier was considered.

The final step in the methodology was to analyze a noise barrier system using the "no-barrier" condition as the baseline and then analyze various noise barrier configurations, including but not limited to the retained existing noise barrier, attempting to find a reasonable and feasible noise barrier system. All noise barriers considered in this existing noise barrier methodology, including any retained noise barriers, were included in the cost calculations to determine feasibility and reasonableness. The costs for these existing noise barriers will not need to be incurred during a future construction phase, but they are included in the feasibility and reasonableness calculations to give a consistent analysis of these noise barrier systems when compared to barrier systems in areas that do not have any existing noise barriers.

3.4. Noise Sensitive Areas on the Eastbound (Northbound) Side of Sawgrass Expressway

3.4.1. Grand Preserve, Butler Farms, Parkwood (EB01)

The Grand Preserve, Butler Farms, and Parkwood neighborhoods are located on the eastbound side of the Sawgrass Expressway between the western project terminus and US 441 (CNE EB01). This area is shown on sheets 1-2 in the project aerials in Appendix D. In this area, 30 NAC B receptor points were added to the model to represent 148 residences. The predicted noise levels are shown in Appendix B-1.

A 20-foot-tall, 5,034-foot-long ROW noise barrier system already exists for CNE EB01. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. The receptors in the area of the retained noise barrier system do not meet or exceed the NAC and, therefore, are not impacted by traffic noise in the future build condition. Therefore, the retained noise barrier system is considered fully effective, and no further consideration for noise abatement is required for CNE EB01.

3.4.2. Coconut Palm Club Apartments (EB02), Sommerset, Lauren's Run and Cypress Lakes (EB03)

The Coconut Club Apartments and the Somerset, Lauren's Run, and Cypress Lakes neighborhoods are located on the eastbound side of the Sawgrass Expressway east of US 441 (CNE EB02 and CNE EB03). This area is shown on sheets 2-4 in the project aerials, located in Appendix D. In this area, 85 NAC B receptor points were added to the model to represent 295 residences. The predicted noise levels are shown in Appendix B-1.

A 12-foot-tall, 4,209-foot-long ROW noise barrier already exists for CNE EB03. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. Since there are receptors in this area that are predicted to approach or exceed the NAC for the Build condition in the design year (2045) with the existing barrier in place, the analysis set the existing 12-foot-tall noise barrier height to zero, representing the "no-barrier" condition. The noise levels associated with the "no-barrier" condition were then used to determine the feasibility and reasonableness of a proposed noise barrier system. The results indicate that noise levels at 89 NAC B residences are predicted to approach or exceed the NAC for the Build condition in the design year (2045) in the "no-barrier" condition. Based on this evaluation, the existing noise barrier does not benefit all impacted residences, so supplemental barriers were considered.

Supplementing the existing barrier with a 22-foot-tall, 583-foot-long extension along the EB on-ramp ROW, along with two shoulder barriers on the EB off-ramp to US 441 and along the EB C-D road, could not provide effective noise abatement for the majority of impacted receptors. Moreover, if the existing ROW barrier were to be constructed from scratch along with the ROW extension and shoulder barriers, the noise barrier system would exceed the allowable $42,000 per benefited receptor.

However, replacing the entire 4,209-foot-long, 12-foot-tall existing barrier in its entirety with a maximum-height 22-foot-tall barrier, in addition to constructing the 22-foot-tall extension, eliminates the need for the two shoulder barriers, provides a 7 dB(A) reduction at one or more impacted receptors, and provides a 5 dB(A) reduction at two or more impacted receptors. This potential 4,792-foot-long barrier system would not exceed the allowable $42,000 per benefited receptor and, therefore, is cost-reasonable. While the upgraded barrier

system is effective overall, ten second and third-floor Coconut Palm Club residential units do not receive a 5 dB(A) benefit because of their height above ground and noise generated from local traffic outside the project limits on US 441. See **Table 3-2** for evaluated barriers.

Table 3-2 – Coconut Palm Club Apts (CNE EB02), Somerset, Lauren's Run & Cypress Lakes (CNE EB03)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
12 [6]	4,209	ROW [7]	89	12	0	3	15	11	26	6.2	74	N/A – Build Condition with Existing Barrier System	
22	4,209	ROW [7]	89	3	0	76	79	101	180	7.5	10	$3,162,720	$17,571
22	583	ROW [7]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from the proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] Barriers in RED are existing noise barriers that will remain unchanged in the future condition. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[7] ROW - Right of Way noise barrier on Sawgrass Expressway and EB on-ramp.

3.4.3. Winston Park Commercial Plaza (EB04)

The Winston Park commercial plaza is located along the eastbound off-ramp to Lyons Road and adjacent to southbound Lyons Road. The location of CNE EB04 is shown on sheet 4 in the project aerials, located in Appendix D. The plaza contains several commercial establishments, but none are noise-sensitive within the noise analysis area, which terminates at the shopping center entrance road. Therefore, this area was not added to the model.

3.4.4. St. Andrews at Winston Park Apartments (EB06), Breckenridge North (EB07)

The St. Andrews at Winston Park Apartments and the Breckenridge North neighborhood are located on the eastbound side of the Sawgrass Expressway east of Lyons Road (CNE EB06 and CNE EB07). This area is shown on sheets 4-5 in the project aerials, located in Appendix D. In this area, 127 NAC B receptor points were added to the model to represent 275 residences. Two NAC C receptor points were added to the model to represent outdoor use areas in the St. Andrews at Winston Park complex. The predicted noise levels at residential sites are shown in Appendix B-1 and in Appendix B-2 for nonresidential sites.

A 22-foot-tall, 3,417-foot-long ROW noise barrier already exists in this area. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. Since there are receptors in this area that are predicted to approach or exceed the NAC for the Build condition in the design year (2045) with the existing barrier in place, the analysis set the existing 22-foot-tall noise barrier height to zero, representing the "no-barrier" condition. At 147 NAC B residences, the noise levels associated with the "no-barrier" condition are predicted to approach or exceed the NAC for the Build

condition in the design year (2045). Based on this evaluation, the existing noise barrier does not benefit all impacted residences, so supplemental barriers were considered.

This existing ROW noise barrier is at the maximum possible height that can be constructed. Supplementing the existing barrier with a four-segment shoulder noise barrier system along the eastbound C-D road does provide a 7 dB(A) reduction at one or more impacted receptors and a 5 dB(A) reduction at two or more impacted receptors. If the existing ROW noise barrier was constructed from scratch along with the additional shoulder barrier system, this combined barrier system would not exceed the allowable $42,000 per benefited receptor and, therefore, is cost-reasonable. While the upgraded barrier system is effective overall, 62 impacted second and third-floor residential units at St. Andrews at Winston Park do not receive a 5 dB(A) benefit because of their height above ground and distance from the noise barriers. Also, two first-floor residential units in the complex do not receive a 5 dB(A) benefit because of noise from Lyons Road and their location near the end of the proposed wall system. See **Table 3-3** for evaluated barriers.

Table 3-3 – St. Andrews at Winston Park (CNE EB06) & Breckenridge North (CNE EB07)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
22 [6]	3,417	ROW [7]	147	12	6	42	60	10	70	7.0	87	N/A – Build Condition with Existing Barrier System	
22 [6]	3,417	ROW [7]	147	14	12	59	85	25	110	6.7	62	$2,894,220	$26,311
8	248	ST [9]											
14	814	SH [8]											
8	535	ST [9]											
14	260	SH [8]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] Barriers in RED are existing noise barriers that will remain unchanged in the future condition. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[7] ROW - Right of Way noise barrier constructed on Sawgrass Expressway.

[8] SH - Shoulder noise barrier on Sawgrass Expressway C-D road.

[9] ST - Noise barrier constructed on Sawgrass Expressway C-D road bridge shoulder.

3.4.5. Parkwood and SOS Children's Village (EB08)

Because CNE EB08 is located on the Sawgrass Expressway's eastbound side and along the southbound ramp to Florida's Turnpike, the noise evaluation is included in the Section 3.7.1 discussion.

3.4.6. Enclave Apartments at Waterways (EB09)

The Enclave Apartments at Waterways are located on the eastbound side of SW10th Street, west of Waterways Boulevard (CNE EB09). This area is shown on sheet 7 in the project aerials, located in Appendix D. In this area,

96 NAC B receptor points were added to the model to represent 215 residences. Two NAC C receptor points were added to the model to represent areas of outdoor use in the apartment complex. The predicted noise levels at residential sites are shown in Appendix B-1 and in Appendix B-2 for nonresidential sites.

An existing privacy wall for the apartment complex extends parallel to southbound Waterways Boulevard and along the north property line of the subdivision. The height of this wall ranges from 6 feet to 7 feet. A planned 22-foot-tall, 1,420-foot-long noise barrier will be constructed inside the eastbound SW 10th Street ROW as part of FDOT's SW 10th Street Connector project. The No-Build noise modeling scenario for CNE EB09 includes the planned noise barrier.

Because of a planned noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. Since there are receptors in this area that are predicted to approach or exceed the NAC for the Build condition in the design year (2045) with the planned barrier in place, the analysis set the planned 22-foot-tall noise barrier height to zero, representing the "no-barrier" condition. The planned ROW noise barrier's west terminus conflicts with the planned Turnpike off-ramp to SW 10th Street and will need to be reduced in length by approximately 128 feet for a new length of 1,292 feet. With this reduced length, the noise levels associated with the "no-barrier" condition for 63 NAC B residences are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Based on this evaluation, the reduced-length planned noise barrier will not benefit all impacted residences with the addition of the Sawgrass Expressway project, so supplemental barriers were considered.

Supplementing the reduced-length planned ROW noise barrier with a shoulder barrier along the Turnpike off-ramp to EB SW 10th Street does provide a 7 dB(A) reduction at one or more impacted receptors and a 5 dB(A) reduction at two or more impacted receptors. If the planned ROW noise barrier at a reduced length of 1,292 feet was constructed from scratch, along with the additional shoulder barrier, this barrier system would not exceed the allowable $42,000 per benefited receptor and, therefore, is cost-reasonable. While the upgraded barrier system is effective overall, 26 impacted second and third-floor residential units at the Enclave Apartments at Waterways do not receive a 5 dB(A) benefit because of a combination of their height above ground and their distance from the noise barriers. See **Table 3-4** for evaluated barriers.

Table 3-4 – Enclave Apartments at Waterways (CNE EB09)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
22 [6]	1.292	ROW [7]	63	7	3	0	10	0	10	5.5	5.3	N/A – Build Condition with Planned Barrier System	
22 [6]	1.292	ROW [7]	63	12	24	1	37	14	51	5.9	26	$1,509,600	$29,600
14	1,564	SH [8]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from the proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] Barriers in RED are planned noise barriers that will remain in the future condition but with a reduced length from the original 1,420 feet to 1,292 feet to accommodate the project off-ramp. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[7] ROW - Planned Right of Way noise barrier on SW 10th Street.

[8] SH - Shoulder noise barrier on Florida's Turnpike ramp/EB SW 10th Street shoulder.

3.4.7. Waterways and Independence Bay (EB10 & EB11)

The Waterways and Independence Bay subdivisions are on the eastbound side of SW 10th Street, east of Waterways Boulevard and west of Powerline Road (CNE EB10 and EB11). This area is shown on sheets 7 and 9 in the project aerials, located in Appendix D. In this area, 62 NAC B receptor points were added to the model to represent 134 residences. Two NAC C receptor points were added to the model to represent the exterior use areas in the Independence Bay Condominium complex. The predicted noise levels at residential sites are shown in Appendix B-1 and in Appendix B-2 for nonresidential sites.

An existing privacy wall for the Waterways subdivision extends parallel to NB Waterways Boulevard and along the north property line of the Waterways. The height of this wall ranges from 6 feet to 7 feet. A 22-foot-tall noise barrier system is planned to be constructed inside the eastbound SW 10th Street ROW as part of FDOT's SW 10th Street Connector project. This system consists of a 1,540-foot-long noise barrier west of Independence Drive and a 730-foot-long noise barrier east of Independence Drive. This noise barrier system was included in the No-Build noise modeling for this area.

Because of the planned noise barriers in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. The receptors in the area of the planned noise barrier system do not meet or exceed the NAC and, therefore, are not impacted by traffic noise with the addition of the Sawgrass Expressway project in the future build condition. Therefore, the retained noise barrier system is considered fully effective, and no further consideration for noise abatement is required for CNE EB10 and CNE EB11.

3.4.8. Shoppes of Independence Bay (EB12)

The Shoppes of Independence Bay is a commercial shopping center adjacent to eastbound SW 10th Street and southbound Powerline Road (CNE EB12). This area is shown on sheet 9 in the project aerials, located in Appendix D. The shopping center also contains the Avian & Exotic Animal Hospital and the Vida Cann Medical Marijuana Treatment Center; however, neither office has noise-sensitive exterior areas. The only noise-sensitive location in the shopping center is the outdoor table of Dunkin' Donuts. One NAC E receptor point was added to the model to represent the outdoor use at Dunkin' Donuts. Noise levels at this receptor are not predicted to approach or exceed the NAC for the Build condition in the design year (2045). The predicted noise levels are shown in Appendix B-2.

3.5. Noise Sensitive Area on Westbound Side of Sawgrass Expressway

3.5.1. Estates of Pine Tree (WB01)

The Estates of Pine Tree subdivision is located on the westbound side of the Sawgrass Expressway between the western project terminus and US 441 (CNE WB01). This area is shown on sheets 1-2 in the project aerials in Appendix D. In this area, 22 NAC B receptor points were added to the model to represent 41 residences. The predicted noise levels are shown in Appendix B-1.

A 22-foot-tall, 3,700-foot-long ROW noise barrier already exists for CNE WB01. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. The receptors in the area of the retained noise barrier system do not meet or exceed the NAC and, therefore, are not impacted by traffic noise in the future build condition. Therefore, the retained noise barrier system is considered fully effective, and no further consideration for noise abatement is required for CNE WB01.

3.5.2. Residence Inn & Hampton Inn (WB02)

The Residence Inn and the Hampton Inn are located on the westbound side of the Sawgrass Expressway east of US 441 (CNE WB02). This area is shown on sheet 3 in the project aerials, located in Appendix D. In this area, two NAC E receptor points were added to the model to represent the pools at each hotel. The predicted noise levels for these NAC E sites are shown in Appendix B-2.

A 22-foot-tall ROW noise barrier already exists for CNE WB02. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. The receptors in the area of the retained noise barrier system do not meet or exceed the NAC and, therefore, are not impacted by traffic noise in the future build condition. Therefore, the retained noise barrier system is considered fully effective, and no further consideration for noise abatement is required for CNE WB02.

3.5.3. Club Caribe, Eagle Cay at Regency Lakes (WB03)

Club Caribe and Eagle Cay are located on the westbound side of the Sawgrass Expressway east of US 441 (CNE WB03). This area is shown on sheet 3 in the project aerials, located in Appendix D. In this area, 104 NAC B receptor points were added to the model to represent 318 residences. Three NAC C receptor points were also

added to the model to represent outdoor use areas in Club Caribe and Eagle Cay at Regency Lakes. The predicted noise levels at residential sites are shown in Appendix B-1 and in Appendix B-2 for nonresidential sites.

A 22-foot-tall, 2,392-foot-long ROW noise barrier already exists in this area. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. Since there are receptors in this area that are predicted to approach or exceed the NAC for the Build condition in the design year (2045) with the existing barrier in place, the analysis set the existing 22-foot-tall noise barrier height to zero, representing the "no-barrier" condition. At 127 NAC B residences, the noise levels associated with the "no-barrier" condition are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Based on this evaluation, the existing noise barrier does not benefit all impacted residences, so supplemental barriers were considered.

Supplementing the existing ROW noise barrier with a shoulder noise barrier along the WB C-D road does provide a 7 dB(A) reduction at one or more impacted receptors and a 5 dB(A) reduction at two or more impacted receptors. If the existing ROW noise barrier was constructed from scratch, along with the additional shoulder barrier, this barrier system would not exceed the allowable $42,000 per benefited receptor and, therefore, is cost-reasonable. While the upgraded barrier system is effective overall, there are six impacted third-floor residential units at Club Caribe that do not receive a 5 dB(A) benefit because of a combination of their height above ground, their distance from the noise barrier, and because of their location near the end of the noise barrier system. See **Table 3-5** for evaluated barriers.

Table 3-5 – Club Caribe, Eagle Cay at Regency Lakes (CNE WB03)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
22 [6]	2,392	ROW [7]	127	6	2	89	97	77	174	8.4	30	N/A – Build Condition with Existing Barrier System	
22 [6]	2,392	ROW [7]	127	12	16	93	121	103	224	8.2	6	$1,906,320	$8,510
14	780	SH [8]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] Barriers in RED are existing noise barriers that will remain unchanged in the future condition. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[7] ROW - Right of Way noise barrier on Sawgrass Expressway.

[8] SH - Shoulder noise barrier on Sawgrass Expressway WB C-D road.

3.5.4. Victoria Isles (WB03)

Victoria Isles is located on the westbound side of the Sawgrass Expressway east of Lyons Road (CNE WB03). This area is shown on sheet 4 in the project aerials in Appendix D. In this area, 50 NAC B receptor points were added to the model to represent 139 residences. The predicted noise levels are shown in Appendix B-1.

A 22-foot-tall, 1,885-foot-long ROW noise barrier already exists in this area. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. The receptors in the area of the retained noise barrier system do not meet or exceed the NAC and, therefore, are not impacted by traffic noise in the future build condition. Therefore, the retained noise barrier system is considered fully effective, and no further consideration for noise abatement is required for the Victoria Isles neighborhood.

3.5.5. El Dorado Shopping Center (WB04)

The El Dorado shopping center is adjacent to the Sawgrass Expressway WB on-ramp from Lyons Road and also southbound Lyons Road. This area is shown on sheet 4 in the project aerials, located in Appendix D. The shopping center has a bench area located in the parking lot. One NAC E receptor point was added to the model to represent the bench areas. Noise levels at this receptor are not predicted to approach or exceed the NAC for the Build condition in the design year (2045). The predicted noise levels are shown in Appendix B-2.

3.5.6. Village of Sorbet (WB05 & WB06), Coco Bay (WB06 & WB07), Tallowwood Isle (SB02), and Bell Coconut Creek Apartments (SB03)

The Village of Sorbet and Coco Bay are located on the westbound side of the Sawgrass Expressway between Lyons Road and west of Florida's Turnpike (CNE WB05, WB06, WB07). This area is shown on sheets 4-6 and 13 in the project aerials, located in Appendix D. In this area, 149 NAC B receptor points were added to the model to represent 444 residences. One NAC C receptor point was added to the model to represent areas of outdoor use in the Village of Sorbet.

Tallowwood Isle and Bell Coconut Creek Apartments are located on the southbound side of Florida's Turnpike between the Sawgrass Expressway and Hillsboro Road (CNE SB02 and SB03). This area is shown on sheets 13-14 in the project aerials, located in Appendix D. In this area, 99 NAC B receptor points were added to the model to represent 402 residences. Three NAC C receptor points were added to the model to represent outdoor use areas in both developments. The predicted noise levels for each of these CNEs are shown for residences in Appendix B-1 and Appendix B-2 for nonresidential sites.

A 14-foot-tall, 5,369-foot-long ROW noise barrier already exists along the Sawgrass Expressway for this area, and a 22-foot-tall, 4,193-foot-long barrier is planned along the southbound ROW of Florida's Turnpike as part of a different FTE project. Because there are existing and planned noise barriers in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. Since there are receptors in this area that are predicted to approach or exceed the NAC for the Build condition in the design year (2045) with the existing and planned barriers in place, the analysis set both ROW noise barriers to a height of zero, representing the "no-barrier" condition. At 464 NAC B residences, the noise levels associated with the "no-barrier" condition are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Based on this evaluation, the existing and planned noise barriers do not benefit all impacted residences, so supplemental barriers for this system were considered.

Supplementing the existing and planned noise barrier system with a shoulder barrier along the WB C-D road and another along the WB Sawgrass Expressway does not provide a benefit to all impacted receptors. Consequently,

the existing 14-foot-tall noise barrier was replaced in the modeling by a ROW noise barrier with a maximum height of 22 feet for the entire length. The planned 22-foot-tall noise barrier is at maximum height and length; therefore, it will remain unchanged. In conjunction with the two shoulder barriers and the planned barrier, the taller Sawgrass Expressway ROW noise barrier provides a 7 dB(A) reduction at one or more impacted receptors and a 5 dB(A) reduction at two or more impacted receptors. This upgraded noise barrier system would not exceed the allowable $42,000 per benefited receptor and, therefore, is cost-reasonable. While the upgraded barrier system is effective overall, five impacted residences near Lyons Road at Village of Sorbet do not receive a 5 dB(A) benefit because of a combination of their height above ground, their distance from the noise barrier, noise generated from Lyons Road, and because of their location near the end of the noise barrier system.

Similarly, 12 impacted residences in Bell Coconut Creek Apartments do not receive a 5 dB(A) benefit because of a combination of their height above ground, their location near the end of the noise barrier system, and noise generated from Hillsboro Boulevard. It should be noted that this residential noise barrier system incidentally benefits two impacted recreation receptors, NSB02-001 and NSB03-001. See **Table 3-6** for evaluated barriers.

Table 3-6 – Village of Sorbet (CNE WB05/WB06), Coco Bay (CNE WB06/WB07), Tallowwood Isle (CNE SB02) & Bell Coconut Creek Apartments (CNE SB03)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
14 [6]	5,369	ROW [7]	464	27	13	311	351	111	462	8.7	113	N/A – Build Condition with Existing and Planned Barrier System	
22 [6]	4,193	ROW [8]											
22 [6]	4,193	ROW [8]	464	26	7	414	447	216	663	8.5	17	$6,846,420	$10,326
22	5,369	ROW [7]											
14	597	SH [9]											
14	678	SH [10]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] Barriers in RED are existing/planned noise barriers that will remain in the future condition. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[7] ROW - Right of Way noise barrier on Sawgrass Expressway.

[8] ROW - Planned Right of Way noise barrier on Florida's Turnpike.

[9] SH - Shoulder noise barrier on Sawgrass Expressway.

[10] SH - Shoulder noise barrier on Sawgrass Expressway WB C-D road.

3.5.7. Quiet Waters Park near SW 10th Street (WB08)

Quiet Waters Park is the only noise-sensitive area on the north side of the planned SW 10th Street Connector Road between Florida's Turnpike and Powerline Road (CNE WB08). This area is shown on sheets 7-10 in the project aerials, located in Appendix D. The amenities in this area include walking and mountain bike trails, a lake for recreational activities such as fishing, swimming, and kayaking, a picnic area, a future planned camping area, and the Splash Adventure waterpark.

In this area, 124 NAC C receptor points were added to the model to represent an array of outdoor uses. Of these 124 receptors, noise levels at 39 receptors are expected to approach or exceed the NAC for the Build condition in the design year (2045). Thirty-seven receptors are located at the mountain bike trails, lake, and Splash Adventure Water Park adjacent to the planned Connector Road, and two impacted receptors are located in the picnic area along Powerline Road. The predicted noise levels are in Appendix B-2.

Two separate noise barriers were evaluated following the FDOT Special Land Use procedures outlined in Section 3.3.1. The first analyzed noise barrier was evaluated for the impacted areas of Quiet Waters mountain bike trails, the lake, and Splash Adventure Water Park. Based on this evaluation, a potential noise barrier along the WB Connector Road shoulder could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A) reduction for 97.1 percent of the impacted area. However, for a 14-foot-tall noise barrier to be cost reasonable, an average of 1,872 visitors would need to use the benefitted areas of outdoor use at the park for one hour per day. The published capacity of the water park is 32 people. Based on existing uses at the park and available parking provided, it is not plausible for the benefited areas of the mountain bike trails and lake to make up the remaining 1,840 people needed per hour to make this noise barrier cost reasonable. For this reason, noise barriers are not a potentially feasible or reasonable method to abate traffic-related noise for the special use sites at Quiet Waters Park. See **Table 3-7** for evaluated barriers.

Table 3-7 – Quiet Waters Trails/Splash Adventure Water Park (CNE WB08)

Height (feet)	Length [1] (feet)	Location	Total Estimated Cost [2]	Benefited Acreage within Impacted Area	Percentage of Impacted Area Benefited	Does the Barrier Satisfy the Noise Reduction Design Goal (-7 dB(A))?	Required Person-Hours of Daily Use Within Benefited Area	Possible for Person-Hours of Daily Use Within Entire Facility to be Met?
14	3,170	SH [3]	$1,331,400	19.5	97.1%	Yes	1,872	No

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Unit cost of $30/ft^2.

[3] SH - Shoulder noise barrier on SW 10th Street Connector Road.

The second analyzed noise barrier was evaluated for the impacted areas of the Quiet Waters picnic area adjacent to Powerline Road. Based on this evaluation, a potential ROW noise barrier system behind the southbound Powerline Road sidewalk could not reduce 7 dB(A) at one or more receptors. Because the barrier system did not meet the noise reduction design goal of 7 dB(A), noise barriers are not a potentially reasonable method to abate traffic-related noise for the special use sites at Quiet Waters Park. See **Table 3-8** for evaluated barriers.

Table 3-8 – Quiet Waters Picnic Area (CNE WB08)

Height (feet)	Length [1] (feet)	Location	Total Estimated Cost [2]	Benefited Acreage within Impacted Area	Percentage of Impacted Area Benefited	Does the Barrier Satisfy the Noise Reduction Design Goal (-7 dB(A))?	Required Person-Hours of Daily Use Within Benefited Area	Possible for Person-Hours of Daily Use Within Entire Facility to be Met?
22	789	ROW [3]	$520,740	0.28	52%	No	N/A [4]	N/A [4]

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Unit cost of $30/ft^2.

[3] ROW – Right of Way noise barrier on Powerline Road.

[4] Noise barrier system did not meet the noise reduction design goal of 7 dB(A) reduction at any receptor, so no further analysis was conducted.

3.6. Noise Sensitive Areas on Northbound Side of Florida's Turnpike

3.6.1. The Waterways (NB01)

The Waterways development is located on the northbound side of Florida's Turnpike from Wiles Road to the interchange with Sawgrass Expressway (CNE NB01). This area is shown on sheets 11-12 in the project aerials, located in Appendix D. In this area, 91 NAC B receptor points, representing 332 residences, were added to the model. Four NAC C receptor points were added to the model to represent areas of outdoor use in the Waterways development. Noise levels at 117 NAC B residences are expected to approach or exceed the NAC for the Build condition in the design year (2045). The predicted noise levels are shown in Appendix B-1.

Noise barriers were evaluated for these residences to abate traffic-related noise. The evaluated system consists of a 22-foot-tall ROW noise barrier along Florida's Turnpike, a 22-foot-tall ROW noise barrier along the EB off-ramp from Florida's Turnpike, and a 14-foot-tall shoulder barrier on the EB off-ramp from NB Turnpike. Based on this evaluation, a potential noise barrier system could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A) reduction at two or more impacted receptors. This noise barrier system would not exceed the allowable $42,000 per benefited receptor and, therefore, is cost-reasonable. See **Table 3-9** for evaluated barriers.

Table 3-9 – The Waterways (CNE NB01)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
22	2,757	ROW [6]	117	3	6	108	117	188	305	7.5	0	$2,054,640	$6,737
14	129	SH [7]											
22	274	ROW [6]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from the proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] ROW - Right of Way noise barrier on Florida's Turnpike.

[7] SH - Shoulder noise barrier on Florida's Turnpike.

3.6.2. The Waterways Recreation Areas (NB01)

Also located in CNE NB01 is The Waterways recreation area, which contains a basketball court, two pickleball courts, a tennis court, a volleyball court, a community pool, and a small playground with picnic tables. This area is shown on sheet 11 in the project aerials in Appendix D. Four NAC C receptor points representing these outdoor locations were added to the model in this area. The predicted noise levels are shown in Appendix B-2.

Noise levels at the basketball and racquet courts are expected to approach or exceed the NAC for the Build condition in the design year (2045). Noise barriers were evaluated following the FDOT Special Land Use procedures outlined in Section 3.3.1. Based on this evaluation, a potential noise barrier located along the northbound ROW and with a height of 14 feet could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A) reduction for the entire impacted area. However, for this noise barrier system to be cost reasonable, an average of 390 people would need to use the facilities for one hour per day. That would translate to roughly 39 hourly visitors for 10 hours every day, which is not possible for a single basketball court, two pickleball courts, a tennis court, and a volleyball court. Reducing the height of the noise barrier below 12 feet does not meet the 7 dB(A) NRDG. For this reason, noise barriers are not a potentially feasible and reasonable method to abate traffic-related noise for the special use sites at The Waterways.

Even though noise barriers that would cost-effectively benefit the Waterways recreation area by itself could not be proposed, it should be noted that the impacted recreation area will be shielded from traffic noise by the noise barrier system proposed for the Waterways neighborhood described previously. See **Table 3-10** for evaluated barriers.

Table 3-10 – The Waterways Basketball, Racquet, and Volleyball Courts (CNE NB01)

Height (feet)	Length [1] (feet)	Location	Total Estimated Cost [2]	Benefited Acreage within Impacted Area	Percentage of Impacted Area Benefited	Does the Barrier Satisfy the Noise Reduction Design Goal (-7 dB(A))?	Required Person-Hours of Daily Use Within Benefited Area	Possible for Person-Hours of Daily Use Within Entire Facility to be Met?
20	520	ROW [3]	$312,000	1.0	100.0%	Yes	438	No
18	542	ROW [3]	$291,600	1.0	100.0%	Yes	410	No
16	640	ROW [3]	$307,200	1.0	100.0%	Yes	432	No
14	660	ROW [3]	$277,200	1.0	100.0%	Yes	390	No
12	900	ROW [3]	$324,000	1.0	100.0%	Yes	456	No
10 [4]	1,500	ROW [3]	$450,000	0.8	80.0%	No	n/a[4]	n/a[4]
8 [4]	1,801	ROW [3]	$432,240	0.4	40.0%	No	n/a[4]	n/a[4]

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Unit cost of $30/ft^2.

[3] ROW - Right of Way noise barrier on Florida's Turnpike.

[4] Noise barrier system did not meet the noise reduction design goal of 7 dB(A) reduction at any receptor, so no further analysis was conducted.

3.6.3. Quiet Waters Park Near Turnpike Mainline(NB02)

Quiet Waters Park is the only noise-sensitive area on the northbound side of Florida's Turnpike between the Sawgrass Expressway and Hillsboro Road (CNE NB02). This area is shown on sheets 13-14 in the project aerials in Appendix D. The amenities in this area include walking and mountain bike trails, a lake for recreational activities such as boating and fishing, a boat house, and a dog park. In this area, 65 NAC C receptor points were added to the model. These receptors represent 50 areas along the walking/bike trails parallel to northbound Florida's Turnpike, 14 areas within the lake at the boat house, and the dog park. Of these 65 receptors, noise levels at 48 receptor points are expected to approach or exceed the NAC for the Build condition in the design year (2045). The predicted noise levels are shown in Appendix B-2.

Noise barriers were evaluated following the FDOT Special Land Use procedures outlined in Section 3.3.1. Based on this evaluation, a potential noise barrier along northbound Turnpike ROW could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A) reduction for 52.3 percent of the impacted area at heights 18 feet and above. However, for an 18-foot-tall noise barrier to be cost reasonable, an average of 1,927 visitors would need to use the benefitted areas of outdoor use at the park for one hour per day. That would translate to roughly 168 hourly visitors for 11.5 hours daily, which is not plausible for the benefited 14.7 acres. Reducing the height of the noise barrier to 16 feet reduces the benefited area to 11.2 acres or 39.9% of the impacted area. At this height, 149 hourly visitors are required to render the barrier cost reasonable. That rate of hourly visitation is not plausible. At the lowest effective height of 8 feet, the noise barrier benefits 9.3% of the impacted area. An average of 766 visitors would need to use the benefitted areas of outdoor use at the park for one hour per day. That would translate to roughly 67 hourly visitors for 11.5 hours daily, which is unlikely for the benefited 2.6 acres encompassing the mountain bike trail closest to Florida's Turnpike. For this reason, noise barriers are not a potentially feasible and reasonable method to abate traffic-related noise for the special use sites at Quiet Waters Park. See **Table 3-11** for evaluated barriers.

Table 3-11 – Quiet Waters Mountain Bike Trail, Boat House, and Dog Park (CNE NB02)

Height (feet)	Length [1] (feet)	Location	Total Estimated Cost [2]	Benefited Acreage within Impacted Area	Percentage of Impacted Area Benefited	Does the Barrier Satisfy the Noise Reduction Design Goal (-7 dB(A))?	Required Person-Hours of Daily Use Within Benefited Area	Possible for Person-Hours of Daily Use Within Entire Facility to be Met?
20	2,338	ROW [3]	$1,543,080	14.7	52.3%	Yes	2,170	No
18	2,538	ROW [3]	$1,522,800	14.7	52.3%	Yes	2,141	No
16	2,538	ROW [3]	$1,370,520	14.7	52.3%	Yes	1,927	No
14	2,538	ROW [3]	$1,218,240	11.2	39.9%	Yes	1,713	No
12	2,268	ROW [3]	$952,560	8.1	28.8%	Yes	1,340	No
10	2,268	ROW [3]	$816,480	5.4	19.2%	Yes	1,148	No
8	2,268	ROW [3]	$680,400	3.8	13.5%	Yes	957	No

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Unit cost of $30/ft^2.

[3] ROW - Right of Way noise barrier on Florida's Turnpike.

3.6.4. Quiet Waters Apartments and Riverglen (NB03)

The Quiet Waters Apartments and the Riverglen subdivision are located on the northbound side of Florida's Turnpike north of Hillsboro Boulevard (CNE NB03). This area is shown on sheets 14-15 in the project aerials, located in Appendix D. In this area, 114 NAC B receptor points were added to the model to represent 309 residences. Three NAC C receptor points were added to the model to represent outdoor use areas in both developments. An existing privacy wall extends parallel to Florida's Turnpike northbound ROW along the west property line of the Riverglen subdivision. The height of this wall is 5 feet. The predicted noise levels are shown for residences in Appendix B-1 and Appendix B-2 for nonresidential sites.

A 22-foot-tall ROW noise barrier is planned in this area for a different FTE project, Transportation Systems Management and Operations (TSM&O) to widen Florida's Turnpike from the Sawgrass Expressway to the Palm Beach County Line, FPID 415927-4. Because of the planned noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. Since there are receptors in this area that are predicted to approach or exceed the NAC for the Build condition in the design year (2045) with the planned barrier in place, the analysis set the planned 22-foot-tall noise barrier height to zero, representing the "no-barrier" condition. At 195 NAC B residences, the noise levels associated with the "no-barrier" condition are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Based on this evaluation, the planned noise barrier does not benefit all impacted residences, so supplemental barriers were considered.

Supplementing the planned ROW noise barrier with a shoulder noise barrier along the northbound outside shoulder of Florida's Turnpike north of Hillsboro Boulevard is not feasible because Hillsboro Boulevard overpasses the Turnpike. However, near the Hillsboro Canal, a shoulder barrier can be constructed and would provide a 7 dB(A) reduction at one or more impacted receptors and a 5 dB(A) reduction at two or more impacted receptors near the canal. If the planned ROW noise barrier was constructed from scratch, along with the additional shoulder barrier, this barrier system would not exceed the allowable $42,000 per benefited

receptor and, therefore, is cost-reasonable. While the upgraded barrier system is effective overall, 34 impacted residences near the Hillsboro Canal and near Hillsboro Boulevard do not receive a 5 dB(A) benefit because of their height above ground, distance from the barrier system, noise on Hillsboro Boulevard where applicable, and location near the end of the noise barrier system. See **Table 3-12** for evaluated barriers.

Table 3-12 – Quiet Waters Apartments & Riverglen (CNE NB03)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
22 [6]	3,322	ROW [7]	195	14	0	144	158	60	218	7.9	37	N/A – Build Condition with Planned Barrier System	
22 [6]	3,322	ROW [7]	195	7	2	152	161	60	221	8.5	34	$2,610,900	$11,814
14	759	SH [8]											
14	80	SH [8]											
8	275	ST [9]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] Barriers in RED are planned noise barriers that will remain in the future condition. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[7] ROW - Right of Way noise barrier on Florida's Turnpike.

[8] SH - Shoulder noise barrier on Florida's Turnpike.

[9] ST - Noise barrier on Florida's Turnpike bridge shoulder.

3.7. Noise Sensitive Areas on Southbound Side of Florida's Turnpike

3.7.1. Parkwood and SOS Children's Village (EB08) and Banyan Pointe Apartments, Winston Park, Coco Lakes (SB01)

The Parkwood neighborhood and SOS Children's Village, a residential full-time foster care community, are on the Sawgrass Expressway's eastbound side and along the southbound on-ramp to Florida's Turnpike (CNE EB08). This area is shown on sheets 5-6 and 12 in the project aerials, located in Appendix D. In this area, 28 NAC B receptor points were added to the model to represent 81 residences. Two NAC C receptor points were added to the model to represent areas of outdoor use in the SOS Children's Village.

The Banyan Pointe Apartments, Winston Park, and Coco Lakes are located on the southbound side of Florida's Turnpike from Wiles Road to the interchange with Sawgrass Expressway (CNE SB01). This area is shown on sheets 11-12 in the project aerials, located in Appendix D. In this area, 126 NAC B receptor points, representing 426 residences, were added to the model. Four NAC C receptor points were added to the model to represent areas of outdoor use in the Banyan Pointe Apartment complex and in Winston Park. The predicted noise levels are shown for residences in Appendix B-1 and Appendix B-2 for nonresidential sites.

A 16-foot-tall, 1,189-foot-long ROW noise barrier system exists for CNE EB08. Because there is an existing noise barrier in this area, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. The analysis set the existing Sawgrass Expressway 16-foot-tall ROW noise barrier height to zero, representing the "no-barrier" condition. At 15 NAC B residences, the noise levels associated with the "no-barrier" condition are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Based on this evaluation, the existing noise barrier does not benefit all impacted residences, so supplemental barriers were considered for CNE EB08.

Additionally, noise levels at 302 NAC B residences in CNE SB01 are expected to approach or exceed the NAC for the Build condition in the design year (2045). Noise barriers were evaluated for the impacted residences in CNE EB08 and CNE SB01 to abate traffic-related noise.

The evaluated noise barrier system comprises a 14-foot-tall shoulder noise barrier along Florida's Turnpike and replacing the existing 16-foot-tall ROW noise barrier in its entirety with a 22-foot-tall ROW noise barrier along the EB Sawgrass off-ramp to SB Turnpike and extending its length 491 feet to the south.

Based on this evaluation, a potential noise barrier system could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A) reduction at two or more impacted receptors. This noise barrier system would not exceed the allowable $42,000 per benefited receptor and, therefore, is cost-reasonable. While the upgraded barrier system is effective overall, 27 impacted residences do not receive a 5 dB(A) benefit because of their height above ground, distance from the barrier system, location near the end of the noise barrier system, or proximity to noise generated by Wiles Road. See **Table 3-13** for evaluated barriers.

Table 3-13 – Parkwood; SOS Children's Village (CNE EB08) & Banyan Pointe Apartments, Winston Park, Coco Lakes (CNE SB01)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
22	1,680	ROW [6]	317	10	22	258	290	68	358	7.9	27	$3,128,160	$8,738
14	4,808	SH [7]											

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from the proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] ROW - Right of Way noise barrier on Florida's Turnpike.

[7] SH - Shoulder noise barrier on Florida's Turnpike.

3.7.2. SOS Children's Village Playground and Gazebo (EB08)

Also in the SOS Children's Village (CNE EB08) are two NAC C receptor points representing the playground and a gazebo adjacent to the Sawgrass Expressway EB off-ramp to SB Florida's Turnpike. This area is shown on sheets 6 and 12 in the project aerials, located in Appendix D. Each of these receptors is expected to approach or exceed

the NAC for the Build condition in the design year (2045). The predicted noise levels at the playground and gazebo are shown in Appendix B-2.

Noise barriers were evaluated following the FDOT Special Land Use procedures outlined in Section 3.3.1. Based on this evaluation, a noise barrier system consisting of the existing 16-foot-tall ROW barrier, a 22-foot-tall extension of the existing barrier, coupled with a 14-foot-tall shoulder barrier along the southbound lanes of Florida's Turnpike, could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A) reduction for the entire impacted area. However, for this noise barrier system to be cost reasonable, an average of 1,194 people would need to use the facilities for one hour per day. That would translate to roughly 119 hourly users for 10 hours every day, which is not plausible given the number of residents in the SOS Children's Village. For this reason, noise barriers are not a potentially feasible and reasonable method to abate traffic-related noise for the special use sites at SOS Children's Village.

Even though a noise barrier system that would cost-effectively benefit the SOS Children's Village recreational areas by itself could not be proposed, it should be noted that the impacted recreation areas will be shielded from traffic noise by the noise barrier system proposed for the SOS Children's Village residences and surrounding residential neighborhoods described previously. See **Table 3-14** for evaluated barriers.

Table 3-14 – SOS Children's Village Playground & Gazebo (CNE EB08)

Height (feet)	Length [1] (feet)	Location	Total Estimated Cost [2]	Benefited Acreage within Impacted Area	Percentage of Impacted Area Benefited	Does the Barrier Satisfy the Noise Reduction Design Goal (-7 dB(A))?	Required Person-Hours of Daily Use Within Benefited Area	Possible for Person-Hours of Daily Use Within Entire Facility to be Met?
16	1,189	ROW [4]	$1,418,760	1.17	100%	Yes	1,194	No
22	751	ROW [4]						
14	839	SH [5]						

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Unit cost of $30/ft^2.

[3] Barriers in RED are existing noise barriers that will remain in the future condition. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[4] ROW - Right of Way noise barrier on Florida's Turnpike.

[5] SH - Shoulder noise barrier on Florida's Turnpike.

3.7.3. Waterways at Coconut Creek Apartments and Wildwood at Adios (SB04)

The Waterways at Coconut Creek Apartments and the Wildwood at Adios neighborhood are located on the southbound side of Florida's Turnpike north of Hillsboro Road (CNE SB04). This area is shown on sheet 14 in the project aerials, located in Appendix D. In this area, 35 NAC B receptor points were added to the model to represent 101 residences. Two NAC C receptor points were added to the model to represent outdoor use areas in both developments. The predicted noise levels are shown for residences in Appendix B-1 and Appendix B-2 for nonresidential sites.

A 22-foot-tall, 1,605-foot-long ROW noise barrier is planned for this area as part of a separate FTE project, Transportation Systems Management and Operations (TSM&O) to widen Florida's Turnpike from the Sawgrass Expressway to the Palm Beach County Line, FPID 415927-4. Because of the planned noise barrier in this area, the

Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze this barrier system. Since there are receptors in this area that are predicted to approach or exceed the NAC for the Build condition in the design year (2045) with the planned barrier in place, the analysis set the planned 22-foot-tall noise barrier height to zero, representing the "no-barrier" condition. At 65 NAC B residences, the noise levels associated with the "no-barrier" condition are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Based on this evaluation, the planned noise barrier does provide a 7 dB(A) reduction at one or more impacted receptors and a 5 dB(A) reduction at two or more impacted receptors. Therefore, the planned noise barrier system would not exceed the allowable $42,000 per benefited receptor and is cost-reasonable. Because the noise barrier system meets all the criteria for noise abatement, no additional noise barriers were analyzed for this area. The planned barrier system is at the maximum height possible for this area. While the planned barrier system is effective overall, there are 22 impacted residences in Waterways at Coconut Creek Apartments that do not receive a 5 dB(A) benefit because of a combination of their height above ground, their location near the end of the noise barrier system, and noise generated from Hillsboro Boulevard. See **Table 3-15** for evaluated barriers.

Table 3-15 – Waterways at Coconut Creek Apartments & Wildwood at Adios (CNE SB04)

Height (feet)	Length [1] (feet)	Location	No. of Impacts	Noise Reduction at Impacted Residences			Number of Benefited Residences				Impacted Res. Not Benefited [4]	Total Estimated Cost[5]	Cost per Benefited Residence
				5-5.9 dB(A)	6-6.9 dB(A)	≥ 7.0 dB(A)	Impacted [2]	Not Impacted [3]	Total	Avg. Reduction dB(A)			
22 [6]	1,605	ROW [7]	65	0	0	43	43	22	65	8.0	22	$1,059,300	$16,297

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Benefited residences with predicted noise levels that approach or exceed the NAC.

[3] Benefited residences with predicted noise levels that do not approach the NAC.

[4] Impacted residences that do not receive a minimum 5 dB(A) reduction from the proposed noise barrier.

[5] Unit cost of $30/ft^2.

[6] Barriers in RED are planned noise barriers that will remain in the future condition. Their costs are included in the total cost for consistency in analyzing all noise barrier systems but will not incur any additional costs to construct.

[7] ROW - Right of Way noise barrier on Florida's Turnpike.

3.7.4. Adios Golf Course (SB05)

The Adios Golf Course is located on the southbound side of Florida's Turnpike south of the Hillsboro Canal (CNE SB05) and is adjacent to the planned 22-foot-tall, 1,605-foot-long ROW barrier designed to abate residential impacts in CNE SB04. This area is shown on sheets 14-15 in the project aerials in Appendix D. In this area, 33 NAC C receptor points were added to the model, representing the tee boxes, greens at seven holes, and a restroom hut nearest Florida's Turnpike. Of these 33 receptor points, 27 are expected to have noise levels that approach or exceed the NAC for the Build condition in the design year (2045). The predicted noise levels are shown in Appendix B-2.

Noise barriers were evaluated following the FDOT Special Land Use procedures outlined in Section 3.3.1. Based on this evaluation, a potential noise barrier along southbound Turnpike ROW, connecting to the planned residential ROW barrier in CNE SB04, could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A)

reduction for 66.7 percent of the impacted area at heights of at least 16 feet. However, for a 16-foot-tall noise barrier to be cost reasonable, an average of 1,256 visitors would need to use these seven impacted holes for one hour per day. That would translate to roughly 18 concurrent golfers active on each hole for ten hours every day, which is not possible. Reducing the height of the noise barrier below 16 feet benefits only 44.4% of the impacted area and is not enough to make the barrier cost reasonable. For this reason, noise barriers are not a potentially feasible and reasonable method to abate traffic-related noise for the special use sites at Adios Golf Course. It should be noted that the adjacent planned residential noise barrier incidentally benefits three golf course receptor points. See **Table 3-16** for evaluated barriers.

Table 3-16 – Adios Golf Course (CNE SB05)

Height (feet)	Length [1] (feet)	Location	Total Estimated Cost [2]	Benefited Acreage within Impacted Area	Percentage of Impacted Area Benefited	Does the Barrier Satisfy the Noise Reduction Design Goal (-7 dB(A))?	Required Person-Hours of Daily Use Within Benefited Area	Possible for Person-Hours of Daily Use Within Entire Facility to be Met?
22	1,860	ROW [3]	$1,227,600	13.2	66.7%	Yes	1,726	No
20	1,860	ROW [3]	$1,116,000	13.2	66.7%	Yes	1,569	No
18	1,860	ROW [3]	$1,004,400	13.2	66.7%	Yes	1,412	No
16	1,860	ROW [3]	$892,800	13.2	66.7%	Yes	1,256	No
14	1,860	ROW [3]	$781,200	8.8	44.4%	Yes	1,099	No

[1] Full height is for the length indicated. If a shoulder noise barrier location is indicated, the length of vertical height tapers at the shoulder barrier's terminus (See FDOT Standard Plans) would be in addition to the length indicated.

[2] Unit cost of $30/ft^2.

[3] ROW - Right of Way noise barrier on Florida's Turnpike.

4.0 CONCLUSIONS

For the year 2045 Build condition, noise levels were modeled in the TNM at 1,269 receptor locations representing 3,660 residential and 262 special land use noise sensitive sites. Noise levels at 1,584 residences and 130 nonresidential "special land use" sites are predicted to approach or exceed the NAC for the year 2045 Build Alternative and are therefore considered "impacted."

Within the study area, eleven existing barriers or planned noise barriers on adjoining projects (Turnpike project FPID 415927-4 to widen the Turnpike from the Sawgrass Expressway to the Palm Beach County Line) and FDOT District 4 project FPID 436964-1, the SW 10th Street Connector) will be retained in the future design. To determine if noise barriers were feasible and reasonable in areas with existing barriers, the Existing Noise Barrier Methodology discussed in Section 3.3.2 was used to analyze an area with an existing barrier or where a noise barrier system will be in place in the design year.

The first step in that analysis is to determine if there are impacts behind existing or planned noise barriers in the future build condition. For five barrier locations, no impacts were predicted behind existing or planned noise barriers. Those five existing or planned noise barriers were considered fully effective, and no additional noise analyses were conducted for those areas.

Existing or planned noise barriers in six other locations still had impacts that were not benefited by the existing or planned noise barriers. In these locations, the base condition for determining impacts and benefits in the

barrier analysis assumed no barriers as part of the build alternative. For consistency with other FDOT projects, the criteria for reasonableness and feasibility were applied to a future condition that included both existing and new barriers compared against this "no-barrier" condition. It should be noted that not all the existing barriers are adequate by themselves to eliminate all noise impacts behind those barriers within this project. Therefore, additional new barriers were considered to supplement these existing noise barriers being retained, where applicable.

Analyses of the impacted locations were performed to determine if noise abatement was feasible and reasonable under FDOT policy, including the no-barrier analysis of existing/planned noise barriers. The noise barrier analysis performed to date indicates that noise barriers could potentially provide reasonable and feasible noise abatement for 1,380 of the 1,584 impacted residences (including existing/planned barrier "no-barrier" analysis impacts), as well as provide a 5 dB(A) noise reduction benefit to 797 non-impacted residences. Noise abatement was not determined feasible and reasonable for any of the 130 impacted special use sites; however, some of the special use locations will receive incidental benefits from noise barriers for the residential areas. The results of the noise barrier evaluations where noise abatement was determined to be feasible and reasonable are summarized by noise-sensitive area in **Table 4-1**.

The PD&E study phase analysis indicates that noise barrier systems are potentially feasible and reasonable in sixteen noise sensitive areas. Nine potentially feasible and reasonable noise barrier systems meet the FDOT's cost per benefit criteria with a preliminary cost of under the $42,000 per benefited receptor criterion. Noise barriers at these nine locations will be given further consideration during the Design phase of this project. The dimensions of noise walls are subject to change during the project's design phase.

Some existing and/or planned noise barrier systems on adjoining projects (Turnpike project FPID 415927-4 to widen the Turnpike from the Sawgrass Expressway to the Palm Beach County Line) and FDOT District 4 project FPID 436964-1, the SW 10th Street Connector) are proposed to be retained and unchanged in the future design because they either fully meet FDOT criteria, or because supplementing those systems with additional new barriers would not result in a noise barrier system that meets FDOT criteria. Barrier systems that will be unchanged from existing/planned conditions in the future Build condition are also documented in **Table 4-1**.

Table 4-1 – Potentially Feasible and Reasonable Noise Barrier Evaluation Summary
Widen Sawgrass Expressway (SR 869) from US 441 to Powerline Road – PD&E Study

Noise Barrier System (CNEs included in barrier system)	Communities Potentially Benefited by Noise Barrier System	Number of Impacted Residences [1]	Approximate Noise Barrier Stationing	Preliminary Noise Barrier Height (ft)	Preliminary Noise Barrier Length (ft) [2]	Preliminary Noise Barrier Location	Total Noise Barrier System Cost (includes costs of existing barriers) [3]	New Construction Noise Barrier Cost [4]	Number of Residences Potentially Benefited by a Noise Barrier [5]		Total Noise Barrier System Cost Per Benefited Residence [6]
									Impacted	Total	
NOISE BARRIERS EASTBOUND (NORTHBOUND) SIDE OF SAWGRASS EXPRESSWAY *(red italics indicate existing or planned barriers*, black text indicates new proposed barriers)											
#1 (CNE EB02 & EB03)	Coconut Palm Club Apts; Somerset; Lauren's Run; Cypress Lakes	89	Sawgrass Sta. 1048+90 to 1087+65	22	4,209	ROW [8]	$3,162,720	$3,162,720	79	180	$17,571
			Sawgrass Sta. 1043+12 to 1048+90	22	583	ROW [8]					
#2 (CNE EB06 & EB07)	St. Andrews at Winston Park; Breckenridge North	147	EB CD Sta. 911+60 to 945+43	*22* [7]	*3,417*	*ROW* [8]	$2,894,220	$639,000	85	110	$26,311
			EB CD Sta.910+88 to 912+36	8	248	ST [10]					
			EB CD Sta. 912+35 to 920+43	14	814	SH [9]					
			EB CD Sta. 920+43 to 925+74	8	535	ST [10]					
			EB CD Sta. 925+74 to 928+34	14	260	SH [9]					
#3 (CNE EB09)	Enclave at Waterways	63	SW 10th Sta. 9114+32 to 9127+50	*22* [7]	*1,292* [11]	*ROW* [8]	$1,509,600	$656,880	37	51	$29,600
			EB Off-ramp to SW 10th Sta. 1122+56 to SW 10th Sta. 9121+80	14	1,564	SH [9]					
NOISE BARRIERS WESTBOUND (SOUTHBOUND) SIDE OF SAWGRASS EXPRESSWAY *(red italics indicate existing or planned barriers*, black text indicates new proposed barriers)											
#4 (CNE WB03)	Club Caribe; Eagle Cay at Regency Lakes	127	Sawgrass Sta. 1046+17 to 1070+00	*22* [7]	*2,392*	*ROW* [8]	$1,906,320	$327,600	121	224	$8,510
			WB CD Sta. 7112+17 to 7100+00	14	780	SH [9]					
#5 (CNE WB05, WB06, WB07, SB02, SB03)	Village of Sorbet; Coco Bay; Tallowwood Isle; Bell Coconut Creek Apts	461	SB Turnpike off-ramp/ WB CD Sta. 4115+30 to Turnpike Sta. 11106+00	*22* [7]	*4,193*	*ROW* [8]	$6,846,420	$4,079,040	447	663	$10,326
			WB CD Sta. 7114+70 to WB On-ramp Sta. 4115+30	22	5,369	ROW [8]					
			Sawgrass Sta. 1101+00 to 1107+00	14	597	SH [9]					
			WB CD Sta. 7113+18 to 7120+00	14	678	SH [9]					

Noise Barrier System (CNEs included in barrier system)	Communities Potentially Benefited by Noise Barrier System	Number of Impacted Residences [1]	Approximate Noise Barrier Stationing	Preliminary Noise Barrier Height (ft)	Preliminary Noise Barrier Length (ft) [2]	Preliminary Noise Barrier Location	Total Noise Barrier System Cost (includes costs of existing barriers) [3]	New Construction Noise Barrier Cost [4]	Number of Residences Potentially Benefited by a Noise Barrier [5]		Total Noise Barrier System Cost Per Benefited Residence [6]
									Impacted	Total	
NOISE BARRIERS NORTHBOUND SIDE OF FLORIDA'S TURNPIKE *(red italics indicate existing or planned barriers*, black text indicates new proposed barriers)											
#6 (CNE NB01)	The Waterways	117	Turnpike Sta. 10021+00 to 10048+60	22	2,757	ROW [8]	$2,054,640	$2,054,640	117	305	$6,737
			NB Off-ramp/ NW 10th St. Sta. 1105+40 to 1106+90	14	129	SH [9]					
			NB Off-ramp/ NW 10th St. Sta. 1106+90 to 1110+00	22	274	ROW [8]					
#7 (CNE NB03)	Quiet Waters Apts; Riverglen	195	NB Turnpike Sta. 10108+50 to 10142+00	*22* [7]	*3,322*	*ROW* [8]	$2,610,900	$418,380	161	221	$11,814
			NB Turnpike Sta. 10135+00 to 10142+56	14	759	SH [9]					
			NB Turnpike Sta. 10142+56 to 1345+00	8	275	ST [10]					
			NB Turnpike Sta. 1345+00 to 1345+80	14	80	SH [9]					
NOISE BARRIERS SOUTHBOUND SIDE OF FLORIDA'S TURNPIKE *(red italics indicate existing or planned barriers, black text indicates new proposed barriers)*											
#8 (CNE EB08 & SB01)	Parkwood; SOS Children's Village; Coco Lakes; Winston Park; Banyan Pointe Apts	317	Sawgrass EB Off-ramp/ SB Turnpike Sta. 956+23 to 974+00	22	1,680	ROW [8]	$3,128,160	$3,128,160	290	358	$8,738
			SB Turnpike Sta. 11003+65 to 11051+90	14	4,808	SH [9]					
#9 (CNE SB04)	Waterways at Coconut Creek Apts; Wildwood at Adios	65	SB Turnpike Sta. 11107+85 to 11124+00	*22* [7]	*1,605*	*ROW* [8]	$1,059,300	$0	43	65	$16,297
EXISTING AND PLANNED NOISE BARRIERS THAT WILL BE RETAINED											
CNE EB01	Grand Preserve; Butler Farms; Parkwood	0	Sawgrass Sta. 998+80 to 1038+80	*20* [7]	*5,034*	*ROW* [8]	$0	$0	N/A-Existing Barrier System Remains Unchanged With Build Condition		
CNE EB10	Waterways; Independence Bay	0	SW 10th Sta. 259+60 to 274+14	*22* [7]	*1,540*	*ROW* [8]	$0	$0	N/A-Planned Barrier System Remains Unchanged With Build Condition		
CNE EB11	Independence Bay Condos	0	SW 10th Sta. 275+73 to 282+73	*22* [7]	*730*	*ROW* [8]	$0	$0	N/A-Planned Barrier System Remains Unchanged With Build Condition		
CNE WB01	Estates of Pine Tree	0	Sawgrass Sta. 998+30 to 1025+30	*22* [7]	*3,700*	*ROW* [8]	$0	$0	N/A-Existing Barrier System Remains Unchanged With Build Condition		

Noise Barrier System (CNEs included in barrier system)	Communities Potentially Benefited by Noise Barrier System	Number of Impacted Residences [1]	Approximate Noise Barrier Stationing	Preliminary Noise Barrier Height (ft)	Preliminary Noise Barrier Length (ft) [2]	Preliminary Noise Barrier Location	Total Noise Barrier System Cost (includes costs of existing barriers) [3]	New Construction Noise Barrier Cost [4]	Number of Residences Potentially Benefited by a Noise Barrier [5]		Total Noise Barrier System Cost Per Benefited Residence [6]
									Impacted	Total	
CNE WB03	Victoria Isles	0	Sawgrass Sta. 1070+00 to 1089+45	*22* [7]	*1,855*	*ROW* [8]	$0	$0	N/A-Existing Barrier System Remains Unchanged With Build Condition		

[1] Impact counts are based on setting all existing barriers to a height of zero as part of the existing barrier methodology being used for this project.
[2] Full height is for length indicated. The length for any required taper in height at a shoulder noise barrier termination would be in addition to the length indicated.
[3] Unit cost of $30/ft^2 for all noise barriers; cost includes both existing barrier and newly constructed noise barriers as part of the existing noise barrier methodology.
[4] Cost for only new construction portion of noise barrier systems.
[5] Total includes impacted/benefited residences and residences with a predicted noise level that does not approach or exceed 67 dB(A) but are incidentally benefited. All benefits are calculated with the barrier system in consideration being compared to a "no-barrier" condition where any existing barriers set to a height of zero as a part of the existing barrier methodology being used for this project.
[6] Cost of noise barrier systems that include existing or planned barrier segments uses the full preliminary noise barrier cost that includes the cost of the existing noise barriers as a part of the existing noise barrier analysis methodology being used on this project.
[7] Barriers in *RED* are existing or planned barriers that will remain unchanged in the future condition. Their costs are included in the total costs for consistency in analyzing all noise barrier systems, but they will not incur additional costs to construct.
[8] ROW – Noise barrier constructed at the Right of Way.
[9] SH – Noise barrier constructed at the shoulder of the roadway.
[10] ST – Noise barrier constructed on the bridge shoulder of the roadway.
[11] Planned noise barrier shortened from existing barrier length to accommodate project roadway widening.

4.1. Statement Of Likelihood

FTE is committed to the construction of feasible and reasonable noise abatement measures. Nine potentially feasible and reasonable noise barrier systems have been identified for this project (see Table 4-1 for more detail on the noise barriers) contingent upon the following conditions:

- Final recommendations on the construction of abatement measures are determined during the project's final design and through the public involvement process;
- Detailed noise analyses during the final design process support the need, feasibility, and reasonableness of providing abatement;
- Cost analysis indicates that the cost of the noise barrier(s) will not exceed the cost reasonable criterion;
- Community input supporting types, heights, and locations of the noise barrier(s) is provided to FTE; and
- Safety and engineering aspects have been reviewed, and any conflicts or issues resolved.

During the design phase, a land use review will be performed to identify all noise sensitive sites that may have received a building permit subsequent to the noise study but prior to the project's Date of Public Knowledge. The date that FTE approves the State Environmental Impact Report will be the Date of Public Knowledge. If the review identifies additional noise sensitive sites that have been permitted prior to the Date of Public Knowledge, then those sensitive sites will be evaluated for traffic noise impacts and abatement considerations.

5.0 CONSTRUCTION NOISE AND VIBRATION

During the construction phase of the proposed project, short-term noise may be generated by stationary and mobile construction equipment. The construction noise will be temporary at any location and will be controlled by adherence to the most recent edition of FDOT's *Standard Specifications for Road and Bridge Construction* [7].

Using the listing of sensitive sites found in FDOT's *Project Development and Environment Manual* [3], residences were identified as the only land use potentially sensitive to vibration that could occur during construction. If, during final design, it is determined that measures to control vibration are necessary, the project's construction provisions can be modified as needed.

6.0 PUBLIC COORDINATION

To promote compatibility between land development planning and the project roadways, the distance between the edge of the roadway outside travel lane and the point where the roadway-related noise is predicted to reach the NAC for each activity category was estimated. These estimates are referred to as noise contours and are shown in Appendix C. These estimates provide the general distance at which the noise approaches or exceeds the NAC for each activity type.

A public hearing is scheduled to be held virtually on February 27, 2024 (virtual) and February 28, 2024 (in person at the Fort Lauderdale Marriott Coral Springs hotel). This document will be finalized after that time and document the public comments received.

7.0 REFERENCES

1. *Systems Interchange Modification Report: Widening Sawgrass Expressway (SR 869) from US 441 (SR 7) to Powerline Road*; Florida's Turnpike Enterprise; Ocoee, Florida; January 2023.
2. *23 CFR Part 772, Procedures for Abatement of Highway Traffic Noise and Construction Noise*; Federal Register, Vol. 75, No. 133, July 2010.
3. *Project Development and Environment Manual*; Florida Department of Transportation; Tallahassee, Florida; July 1, 2023.
4. *Traffic Noise Modeling and Analysis Practitioners Handbook*; Florida Department of Transportation; Tallahassee, Florida; December 2018.
5. *Noise Measurement Field Guide*; Federal Highway Administration; Washington, DC; June 2018.
6. *A Method to Determine Reasonableness and Feasibility of Noise Abatement at Special Use Locations*; Florida Department of Transportation; Tallahassee, Florida; July 2009.
7. *Standard Specifications for Road and Bridge Construction*; Florida Department of Transportation; Tallahassee, Florida; 2022.

APPENDIX A: Noise Analysis Traffic Data

Noise Analysis Traffic Data - Sawgrass Expressway (SR 869) Widening from West of US 441 (SR 7) to Powerline Road (SR 845) [FPIN: 437153-1]
Existing 2022

SR 869 Mainline Segments	Number of Lanes	Two-Way AADT	Two-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Posted Speed (mph)
West of US 441/SR 7 (MP 15 - MP 18)	6	86,800	91,200	6,530	4,100	3.27%	1.27%	2.00%	0.06%	0.31%	12.6%	59.9%	65
Between US 441/SR 7 (MP 75) and Lyons Road Interchange (MP 18- MP 19)	8	85,600	109,400	6,890	5,470	3.27%	1.27%	2.00%	0.06%	0.31%	12.6%	63.8%	65
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21)	4	42,300	54,800	2,860	2,740	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	65
SR 869 CD Road Segments													
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21) - Southbound	3	23,600	32,200	2,345	3,870	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21) - Northbound	3	23,600	32,200	3,780	3,870	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Turnpike Mainline/SR 91 Segments													
South of Sawgrass Expressway Interchange (MP 69 to MP 71)	6	95,800	91,200	6,240	4,100	6.81%	2.08%	4.56%	0.18%	0.09%	11.3%	57.9%	65
North of Sawgrass Expressway Interchange (MP 71 to MP 75)	6	110,900	91,200	6,140	4,100	6.81%	2.08%	4.56%	0.18%	0.09%	10.9%	50.9%	65

Sawgrass Expressway/SR 869 and Turnpike Mainline/SR 91 Ramps

Ramps	Number of Lanes	One-Way AADT	One-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Operational Posted Speed (mph)
Turnpike Mainline and SR 869 Interchange (MP 21)													
Southbound off to Sawgrass Expressway	2	15,800	20,300	2,010	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	12.7%	100.0%	45
Northbound on from Sawgrass Expressway	1	15,800	10,100	2,000	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.7%	100.0%	35
Southbound on from Sawgrass Expressway	1	8,200	7,600	1,400	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	17.0%	100.0%	45
Northbound off to Sawgrass Expressway	1	8,200	7,600	1,400	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	17.0%	100.0%	35
Lyons Road and SR 869 (MP 19)													
Southbound off	1	6,600	9,800	870	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.2%	100.0%	45
Northbound on	1	6,600	9,800	900	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.2%	100.0%	45
Southbound on	1	4,700	9,600	630	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.4%	100.0%	45
Northbound off	1	4,700	9,600	630	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.4%	100.0%	45
US 441/SR 7 and SR 869 (MP 18A/B)													
Southbound off to northbound US 441/SR 7	1	3,700	9,100	520	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.1%	100.0%	45
Southbound off to southbound US 441/SR 7	1	3,700	9,100	520	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.1%	100.0%	35
Northbound on	1	7,400	9,100	1,050	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.1%	100.0%	45
Southbound on	1	8,000	10,700	970	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	45
Northbound off to southbound US 441/SR 7	1	4,000	10,700	480	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	45
Northbound off to northbound US 441/SR 7	1	4,000	10,700	480	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	35

Arterials

Arterial Traffic Segments	Number of Lanes	Two-Way AADT	Two-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Posted Speed (mph)
SW 10th Street													
East of Turnpike Mainline Interchange, to SW 10th Street (MP 21)	6	41,600	58,400	3,120	4,390	3.27%	1.27%	2.00%	0.06%	0.31%	11.4%	65.7%	45
Powerline Road													
South of SW 10th Street	6	38,400	58,400	1,970	3,000	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	45
North of SW 10th Street	6	42,400	58,400	2,180	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45
Independence Drive													
South of SW 10th Street	4	1,500	14,500	80	740	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	25
Waterways Boulevard													
South of SW 10th Street	4	5,500	14,500	280	740	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	25
Lyons Road													
South of Sawgrass Expressway	6	48,400	58,400	2,480	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
North of Sawgrass Expressway	6	58,000	58,400	2,980	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
US 441/SR 7													
South of Sawgrass Expressway	6	59,000	58,400	3,030	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
North of Sawgrass Expressway	6	63,400	58,400	3,250	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
Wiles Road													
East of Turnpike	4	33,800	37,900	1,730	1,940	2.03%	1.19%	0.46%	0.39%	0.26%	9.0%	57.0%	45
West of Turnpike	4	33,800	37,900	1,730	1,940	2.03%	1.19%	0.46%	0.39%	0.26%	9.0%	57.0%	45
Hillsboro Boulevard													
East of Turnpike	6	40,600	58,400	2,080	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45
West of Turnpike	6	40,600	58,400	2,080	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45

Notes:

(1) Posted speed obtained by field observation. Engineering judgement is used to estimate ramp speeds.

(2) Mainline and ramp LOS C maximum service volumes are from the HCS analysis.

(3) Arterial LOS C maximum service volumes are obtained from FDOT 2020 Generalized Service Volume Tables.

(4) Mainline and ramp K and D factors were obtained from the ongoing Sawgrass Expressway (SR 869) Widening from West of US 441 (SR 7) to East of Powerline Road (SR 845) [FPIN: 437153-1] PD&E Project.

(5) CD Roads were analyzed separately from the mainline using the ramp roadway capacity thresholds

Noise Analysis Traffic Data - Sawgrass Expressway (SR 869) Widening from West of US 441 (SR 7) to Powerline Road (SR 845) [FPIN: 437153-1]
2045 No-Build

SR 869 Mainline Segments	Number of Lanes	Two-Way AADT	Two-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Posted Speed (mph)
West of US 441/SR 7 (MP 15 - MP 18)	6	115,700	91,200	8,870	4,100	3.27%	1.27%	2.00%	0.06%	0.31%	12.6%	59.9%	65
Between US 441/SR 7 (MP 75) and Lyons Road Interchange (MP 18- MP 19)	8	131,100	121,500	9,480	5,470	3.27%	1.27%	2.00%	0.06%	0.31%	12.6%	63.8%	65
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21)	4	55,300	60,900	8,590	2,740	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	65
East of Turnpike Mainline Interchange, Connector Lanes	4	36,700	60,900	2,400	2,740	3.27%	1.27%	2.00%	0.06%	0.31%	11.4%	65.7%	60
SR 869 CD Road Segments													
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21) - Southbound	3	36,800	32,200	4,690	3,870	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21) - Northbound	3	36,800	32,200	6,360	3,870	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Turnpike Mainline/SR 91 Segments													
South of Sawgrass Expressway Interchange (MP 69 to MP 71)	6	130,300	91,200	6,870	4,100	6.81%	2.08%	4.56%	0.18%	0.09%	11.3%	57.9%	65
North of Sawgrass Expressway Interchange (MP 71 to MP 75)	8	153,100	121,500	7,060	5,470	6.81%	2.08%	4.56%	0.18%	0.09%	10.9%	50.9%	65

Sawgrass Expressway/SR 869 and Turnpike Mainline/SR 91 Ramps

Ramps	Number of Lanes	One-Way AADT	One-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Operational Posted Speed (mph)
Turnpike Mainline and SR 869 / SW 10th Street Interchange (MP 21)													
Southbound off to Sawgrass Expressway	2	22,500	20,300	3,090	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	12.7%	100.0%	45
Northbound on from Sawgrass Expressway	1	22,500	10,100	3,090	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.7%	100.0%	35
Southbound on from Sawgrass Expressway	1	11,100	7,600	2,450	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	17.0%	100.0%	45
Northbound off to Sawgrass Expressway	1	11,100	7,600	2,450	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	17.0%	100.0%	35
Lyons Road and SR 869 (MP 19)													
Southbound off	1	11,900	9,800	1,910	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.2%	100.0%	45
Northbound on	1	11,900	9,800	1,710	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.2%	100.0%	45
Southbound on	1	6,900	9,600	950	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.4%	100.0%	45
Northbound off	1	6,900	9,600	950	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.4%	100.0%	45
US 441/SR 7 and SR 869 (MP 18A/B)													
Southbound off to northbound US 441/SR 7	1	5,500	9,100	600	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.1%	100.0%	45
Southbound off to southbound US 441/SR 7	1	5,500	9,100	1,010	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.1%	100.0%	35
Northbound on	1	11,000	9,100	2,010	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.1%	100.0%	45
Southbound on	1	12,200	10,700	1,420	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	45
Northbound off to southbound US 441/SR 7	1	6,100	10,700	490	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	45
Northbound off to northbound US 441/SR 7	1	6,100	10,700	930	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	35

Arterials

Arterial Traffic Segments	Number of Lanes	Two-Way AADT	Two-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Posted Speed (mph)
SW 10th Street													
East of Turnpike Mainline Interchange	6	35,200	58,400	2,360	4,390	3.27%	1.27%	2.00%	0.06%	0.31%	11.4%	65.7%	45
Powerline Road													
South of SW 10th Street	6	40,200	58,400	2,340	3,000	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	45
North of SW 10th Street	6	44,400	58,400	2,845	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45
Independence Drive													
South of SW 10th Street	4	1,600	14,500	95	740	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	25
Waterways Boulevard													
South of SW 10th Street	4	5,600	14,500	445	740	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	25
Lyons Road													
South of Sawgrass Expressway	6	61,800	58,400	3,180	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
North of Sawgrass Expressway	6	74,000	58,400	3,560	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
US 441/SR 7													
South of Sawgrass Expressway	6	72,600	58,400	3,810	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
North of Sawgrass Expressway	6	77,800	58,400	3,900	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
Wiles Road													
East of Turnpike	4	52,200	37,900	2,680	1,940	2.03%	1.19%	0.46%	0.39%	0.26%	9.0%	57.0%	45
West of Turnpike	4	52,200	37,900	2,680	1,940	2.03%	1.19%	0.46%	0.39%	0.26%	9.0%	57.0%	45
Hillsboro Boulevard													
East of Turnpike	6	62,800	58,400	3,220	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45
West of Turnpike	6	62,800	58,400	3,220	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45

Notes:

(1) Posted speed obtained by field observation. Engineering judgement is used to estimate ramp speeds.

(2) Mainline and ramp LOS C maximum service volumes are from the HCS analysis.

(3) Arterial LOS C maximum service volumes are obtained from FDOT 2020 Generalized Service Volume Tables.

(4) Mainline and ramp K and D factors were obtained from the ongoing Sawgrass Expressway (SR 869) Widening from West of US 441 (SR 7) to East of Powerline Road (SR 845) [FPIN: 437153-1] PD&E Project.

(5) CD Roads were analyzed separately from the mainline using the ramp roadway capacity thresholds

Noise Analysis Traffic Data - Sawgrass Expressway (SR 869) Widening from West of US 441 (SR 7) to Powerline Road (SR 845) [FPIN: 437153-1]
2045 Build Alternative 4

SR 869 Mainline Segments	Number of Lanes	Two-Way AADT	Two-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Posted Speed (mph)
West of US 441/SR 7 (MP 15 - MP 18)	10	114,200	152,200	8,670	6,850	3.27%	1.27%	2.00%	0.06%	0.31%	12.6%	59.9%	65
Between US 441/SR 7 (MP 75) and Lyons Road Interchange (MP 18- MP 19)	10	128,600	152,200	8,280	6,850	3.27%	1.27%	2.00%	0.06%	0.31%	12.6%	63.8%	65
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21)	8	90,150	121,500	7,100	5,470	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	65
East of Turnpike Mainline Interchange, Connector Lanes	4	60,500	60,900	3,620	2,740	3.27%	1.27%	2.00%	0.06%	0.31%	11.4%	65.7%	60
SR 869 CD Road Segments													
Between US 441/SR 7 (MP 75) and Lyons Road Interchange (MP 18- MP 19) - Southbound	2	8,900	21,500	2,120	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Between US 441/SR 7 (MP 75) and Lyons Road Interchange (MP 18- MP 19) - Northbound	2	16,100	21,500	1,140	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21) - Southbound	3	8,750	32,200	3,100	3,870	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Between Lyons Road and Turnpike Mainline Interchange (MP 19- MP 21) - Northbound	3	27,200	32,200	2,390	3,870	3.27%	1.27%	2.00%	0.06%	0.31%	12.0%	56.3%	45
Turnpike Mainline/SR 91 Segments													
South of Sawgrass Expressway Interchange (MP 69 to MP 71)	10	154,400	152,200	8,100	6,850	6.81%	2.08%	4.56%	0.18%	0.09%	11.3%	57.9%	65
North of Sawgrass Expressway Interchange (MP 71 to MP 75)	10	160,600	152,200	8,500	6,850	6.81%	2.08%	4.56%	0.18%	0.09%	10.9%	50.9%	65

Sawgrass Expressway/SR 869 and Turnpike Mainline/SR 91 Ramps

Ramps	Number of Lanes	One-Way AADT	One-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Operational Posted Speed (mph)
Turnpike Mainline and SR 869 / SW 10th Street Interchange (MP 21)													
Southbound off to WB Sawgrass Expressway	2	18,900	20,300	2,770	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	12.7%	100.0%	35
SB Turnpike to WB Sawgrass Expressway CD	1	2,300	10,100	2,500	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.7%	100.0%	35
SB Turnpike to EB SW 10th Street	2	9,300	24,600	1,270	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	10.5%	100.0%	30
Southbound off to EB SW 10th Street Local	1	7,500	12,300	1,040	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	10.5%	100.0%	25
Southbound off to EB Connector Lanes	1	1,800	12,900	230	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	10.0%	100.0%	25
Northbound on from EB Sawgrass Expressway	2	21,200	20,300	3,010	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	12.7%	100.0%	40
Northbound on from WB SW 10th Street	1	7,500	12,300	1,040	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	10.5%	100.0%	30
Northbound on from WB Connector Lanes	1	1,800	12,900	230	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	10.0%	100.0%	35
Southbound on from EB Sawgrass Expressway	2	10,300	15,100	2,390	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	17.0%	100.0%	40
Southbound on from WB SW 10th Street	1	4,800	12,300	640	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	10.5%	100.0%	30
Southbound on from WB Connector Lanes	1	9,900	13,600	1,190	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	9.5%	100.0%	35
Northbound off to WB Sawgrass Expressway	2	10,300	15,100	2,190	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	17.0%	100.0%	35
Northbound off to EB SW 10th Street	1	4,800	12,300	640	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	10.5%	100.0%	25
Northbound off to EB Connector Lanes	1	9,900	13,600	1,190	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	9.5%	100.0%	40
Lyons Road and SR 869 (MP 19)													
Southbound off	2	10,500	19,600	1,120	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	13.2%	100.0%	45
Northbound on	2	10,500	9,800	1,210	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	13.2%	100.0%	45
Southbound on	2	8,300	19,300	1,140	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	13.4%	100.0%	45
Northbound off	2	8,300	19,300	1,140	2,580	3.27%	1.27%	2.00%	0.06%	0.31%	13.4%	100.0%	45
US 441/SR 7 and SR 869 (MP 18A/B)													
Southbound off to northbound US 441/SR 7	1	5,500	9,100	600	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.2%	100.0%	45
Southbound off to southbound US 441/SR 7	1	5,500	9,100	1,010	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.2%	100.0%	35
Northbound on	1	11,000	9,100	2,010	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	14.2%	100.0%	45
Southbound on	1	12,200	10,700	2,100	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	45
Northbound off to southbound US 441/SR 7	1	6,100	10,700	490	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	45
Northbound off to northbound US 441/SR 7	1	6,100	10,700	930	1,290	3.27%	1.27%	2.00%	0.06%	0.31%	12.1%	100.0%	35

Arterials

Arterial Traffic Segments	Number of Lanes	Two-Way AADT	Two-Way LOS C AADT	Peak Hour Peak Direction	LOS C Peak Hour Peak Direction	Design Hr. % T	Design Hr. % MT	Design Hr. % HT	Design Hr. % Buses	Design Hr. % Motorcycles	K-factor	D-factor	Posted Speed (mph)
SW 10th Street													
East of Turnpike Mainline Interchange	6	55,000	58,400	3,650	4,390	3.27%	1.27%	2.00%	0.06%	0.31%	11.4%	65.7%	45
Powerline Road													
South of SW 10th Street	6	41,800	58,400	2,560	3,000	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	45
North of SW 10th Street	6	46,600	58,400	3,140	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45
Independence Drive													
South of SW 10th Street	4	1,800	14,500	110	740	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	25
Waterways Boulevard													
South of SW 10th Street	4	6,000	14,500	480	740	4.94%	2.01%	2.00%	0.93%	0.35%	9.0%	57.0%	25
Lyons Road													
South of Sawgrass Expressway	6	63,000	58,400	3,360	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
North of Sawgrass Expressway	6	74,000	58,400	3,560	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
US 441/SR 7													
South of Sawgrass Expressway	6	72,600	58,400	3,810	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
North of Sawgrass Expressway	6	77,800	58,400	3,900	3,000	2.32%	0.64%	1.34%	0.34%	0.41%	9.0%	57.0%	45
Wiles Road													
East of Turnpike	4	52,200	37,900	2,680	1,940	2.03%	1.19%	0.46%	0.39%	0.26%	9.0%	57.0%	45
West of Turnpike	4	52,200	37,900	2,680	1,940	2.03%	1.19%	0.46%	0.39%	0.26%	9.0%	57.0%	45
Hillsboro Boulevard													
East of Turnpike	6	62,800	58,400	3,220	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45
West of Turnpike	6	62,800	58,400	3,220	3,000	3.58%	1.78%	1.08%	0.72%	0.25%	9.0%	57.0%	45

Notes:

(1) Posted speed obtained by field observation. Engineering judgement is used to estimate ramp speeds.
(2) Mainline and ramp LOS C maximum service volumes are from the HCS analysis.
(3) Arterial LOS C maximum service volumes are obtained from FDOT 2020 Generalized Service Volume Tables.
(4) Mainline and ramp K and D factors were obtained from the ongoing Sawgrass Expressway (SR 869) Widening from West of US 441 (SR 7) to East of Powerline Road (SR 845) [FPIN: 437153-1] PD&E Project.
(5) CD Roads were analyzed separately from the mainline using the ramp roadway capacity thresholds

APPENDIX B: Predicted Noise Levels

B-1: Residential

B-2: Non-Residential

Predicted Noise Levels

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
EB01	REB01-001	2	B	67.0	66.0	63.1	63.1	65.8	No	Grand Preserve Residence
EB01	REB01-002	7	B	67.0	66.0	60.7	60.7	63.0	No	Grand Preserve Residence
EB01	REB01-003	6	B	67.0	66.0	58.8	58.8	61.3	No	Grand Preserve Residence
EB01	REB01-004	11	B	67.0	66.0	59.1	59.1	61.5	No	Grand Preserve Residence
EB01	REB01-005	2	B	67.0	66.0	60.2	60.2	62.8	No	Grand Preserve Residence
EB01	REB01-006	3	B	67.0	66.0	56.4	56.4	59.2	No	Grand Preserve Residence
EB01	REB01-007	5	B	67.0	66.0	61.2	61.2	63.7	No	Grand Preserve Residence
EB01	REB01-008	4	B	67.0	66.0	57.9	58.0	60.6	No	Grand Preserve Residence
EB01	REB01-009	4	B	67.0	66.0	57.8	57.8	60.4	No	Grand Preserve Residence
EB01	REB01-010	6	B	67.0	66.0	57.8	57.8	60.5	No	Grand Preserve Residence
EB01	REB01-011	2	B	67.0	66.0	57.2	57.2	59.5	No	Grand Preserve Residence
EB01	REB01-012	4	B	67.0	66.0	55.5	55.5	58.2	No	Grand Preserve Residence
EB01	REB01-013	2	B	67.0	66.0	55.5	55.5	58.1	No	Grand Preserve Residence
EB01	REB01-014	2	B	67.0	66.0	58.0	58.0	60.4	No	Grand Preserve Residence
EB01	REB01-015	3	B	67.0	66.0	59.1	59.1	61.5	No	Grand Preserve Residence
EB01	REB01-016	3	B	67.0	66.0	58.9	58.9	61.2	No	Grand Preserve Residence
EB01	REB01-017	3	B	67.0	66.0	57.9	58.0	60.3	No	Grand Preserve Residence
EB01	REB01-018	3	B	67.0	66.0	58.5	58.5	60.7	No	Grand Preserve Residence
EB01	REB01-019	20	B	67.0	66.0	55.9	55.9	58.9	No	Butler Farms Residence
EB01	REB01-020	7	B	67.0	66.0	53.2	53.3	56.4	No	Butler Farms Residence
EB01	REB01-021	15	B	67.0	66.0	54.8	54.8	59.1	No	Butler Farms Residence
EB01	REB01-022	5	B	67.0	66.0	56.2	56.2	58.7	No	Grand Preserve Residence
EB01	REB01-023	6	B	67.0	66.0	57.3	57.3	59.7	No	Grand Preserve Residence
EB01	REB01-024	6	B	67.0	66.0	59.2	59.3	61.4	No	Parkwood Residence
EB01	REB01-025	3	B	67.0	66.0	62.4	62.5	63.5	No	Parkwood Residence
EB01	REB01-026	1	B	67.0	66.0	59.6	59.6	61.8	No	Parkwood Residence
EB01	REB01-027	1	B	67.0	66.0	59.8	59.9	61.8	No	Parkwood Residence
EB01	REB01-028	1	B	67.0	66.0	59.8	60.0	61.9	No	Parkwood Residence
EB01	REB01-029	6	B	67.0	66.0	63.1	63.2	64.1	No	Parkwood Residence
EB01	REB01-030	5	B	67.0	66.0	61.1	61.3	62.5	No	Parkwood Residence
EB02	REB02-001a	1	B	67.0	66.0	65.4	65.9	65.7	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-001b	1	B	67.0	66.0	67.8	68.2	**68.1**	Yes	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-001c	1	B	67.0	66.0	68.9	69.4	**69.3**	Yes	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-002a	1	B	67.0	66.0	65.2	65.6	65.2	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-002b	1	B	67.0	66.0	67.4	67.8	**67.6**	Yes	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-002c	1	B	67.0	66.0	68.5	69.0	**68.8**	Yes	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-003a	2	B	67.0	66.0	62.7	63.2	63.4	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-003b	2	B	67.0	66.0	65.2	65.6	65.8	No	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-003c	2	B	67.0	66.0	66.6	67.0	**67.1**	Yes	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-004a	2	B	67.0	66.0	61.6	61.9	61.7	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-004b	2	B	67.0	66.0	63.7	64.0	63.9	No	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-004c	2	B	67.0	66.0	65.1	65.5	65.5	No	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-005a	5	B	67.0	66.0	60.1	60.7	61.3	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-005b	5	B	67.0	66.0	62.1	62.5	63.0	No	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-005c	5	B	67.0	66.0	63.9	64.2	64.7	No	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-006a	5	B	67.0	66.0	56.3	56.9	57.5	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-006b	5	B	67.0	66.0	58.2	58.7	59.0	No	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-006c	5	B	67.0	66.0	61.0	61.4	62.1	No	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-007a	2	B	67.0	66.0	62.7	63.3	64.1	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-007b	2	B	67.0	66.0	65.5	65.9	**66.9**	Yes	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-007c	2	B	67.0	66.0	66.4	66.8	**67.6**	Yes	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-008a	2	B	67.0	66.0	61.3	61.9	62.5	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-008b	2	B	67.0	66.0	63.9	64.2	65.1	No	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-008c	2	B	67.0	66.0	65.2	65.5	**66.3**	Yes	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-009a	2	B	67.0	66.0	60.6	61.2	61.8	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-009b	2	B	67.0	66.0	62.7	63.0	63.8	No	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-009c	2	B	67.0	66.0	64.5	64.7	65.5	No	Coconut Palm Club Apartments- 3rd Floor Unit
EB02	REB02-010a	2	B	67.0	66.0	60.0	60.6	61.3	No	Coconut Palm Club Apartments- 1st Floor Unit
EB02	REB02-010b	2	B	67.0	66.0	61.9	62.2	62.9	No	Coconut Palm Club Apartments- 2nd Floor Unit
EB02	REB02-010c	2	B	67.0	66.0	63.8	64.0	64.8	No	Coconut Palm Club Apartments- 3rd Floor Unit
EB03	REB03-001	1	B	67.0	66.0	57.7	58.2	59.8	No	Sommerset Residence
EB03	REB03-002	1	B	67.0	66.0	58.4	59.0	61.2	No	Sommerset Residence
EB03	REB03-003	1	B	67.0	66.0	60.1	60.7	63.5	No	Sommerset Residence
EB03	REB03-004	1	B	67.0	66.0	60.0	60.3	**67.1**	Yes	Sommerset Residence
EB03	REB03-005	3	B	67.0	66.0	59.0	59.3	60.8	No	Sommerset Residence
EB03	REB03-006	2	B	67.0	66.0	59.5	59.8	60.8	No	Sommerset Residence
EB03	REB03-007	2	B	67.0	66.0	59.6	59.8	59.7	No	Sommerset Residence
EB03	REB03-008	1	B	67.0	66.0	59.3	59.6	63.5	No	Sommerset Residence
EB03	REB03-009	2	B	67.0	66.0	60.3	60.6	63.9	No	Sommerset Residence
EB03	REB03-010	2	B	67.0	66.0	59.7	59.9	63.2	No	Sommerset Residence
EB03	REB03-011	2	B	67.0	66.0	62.1	62.3	63.4	No	Sommerset Residence
EB03	REB03-012	2	B	67.0	66.0	63.4	63.5	63.4	No	Sommerset Residence
EB03	REB03-013	4	B	67.0	66.0	60.2	60.4	60.1	No	Sommerset Residence
EB03	REB03-014	4	B	67.0	66.0	63.0	63.1	61.6	No	Sommerset Residence
EB03	REB03-015	1	B	67.0	66.0	60.3	60.5	60.3	No	Sommerset Residence
EB03	REB03-016	1	B	67.0	66.0	65.2	65.3	63.5	No	Sommerset Residence
EB03	REB03-017	1	B	67.0	66.0	64.5	64.6	61.2	No	Sommerset Residence
EB03	REB03-018	1	B	67.0	66.0	64.8	65.0	60.8	No	Sommerset Residence
EB03	REB03-019	1	B	67.0	66.0	64.3	64.5	61.5	No	Sommerset Residence
EB03	REB03-020	1	B	67.0	66.0	63.4	63.5	61.7	No	Sommerset Residence
EB03	REB03-021	1	B	67.0	66.0	62.8	63.0	62.1	No	Sommerset Residence
EB03	REB03-022	12	B	67.0	66.0	61.9	62.1	**66.3**	Yes	Sommerset Residence
EB03	REB03-023	8	B	67.0	66.0	59.8	60.0	65.8	No	Sommerset Residence

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
EB03	REB03-024	5	B	67.0	66.0	58.1	58.3	60.0	No	Sommerset Residence
EB03	REB03-025	6	B	67.0	66.0	59.7	60.0	63.8	No	Sommerset Residence
EB03	REB03-026	9	B	67.0	66.0	60.3	60.5	60.6	No	Sommerset Residence
EB03	REB03-027	2	B	67.0	66.0	61.0	61.2	58.9	No	Sommerset Residence
EB03	REB03-028	10	B	67.0	66.0	58.7	59.0	64.3	No	Sommerset Residence
EB03	REB03-029	8	B	67.0	66.0	58.0	58.2	61.1	No	Sommerset Residence
EB03	REB03-030	3	B	67.0	66.0	57.8	58.0	63.3	No	Sommerset Residence
EB03	REB03-031	1	B	67.0	66.0	64.3	64.5	**74.2**	Yes	Cypress Lakes Residence
EB03	REB03-032	9	B	67.0	66.0	62.3	62.5	**70.5**	Yes	Cypress Lakes Residence
EB03	REB03-033	2	B	67.0	66.0	61.5	61.7	**73.2**	Yes	Cypress Lakes Residence
EB03	REB03-034	2	B	67.0	66.0	58.2	58.4	**66.3**	Yes	Cypress Lakes Residence
EB03	REB03-035	9	B	67.0	66.0	63.1	63.5	**70.5**	Yes	Cypress Lakes Residence
EB03	REB03-036	4	B	67.0	66.0	62.6	62.8	**68.4**	Yes	Cypress Lakes Residence
EB03	REB03-037	7	B	67.0	66.0	61.6	61.8	**67.9**	Yes	Cypress Lakes Residence
EB03	REB03-038	2	B	67.0	66.0	59.7	59.9	65.2	No	Cypress Lakes Residence
EB03	REB03-039	8	B	67.0	66.0	62.0	62.2	65.4	No	Cypress Lakes Residence
EB03	REB03-040	3	B	67.0	66.0	61.0	61.2	65.8	No	Cypress Lakes Residence
EB03	REB03-041	7	B	67.0	66.0	61.1	61.3	**67.5**	Yes	Cypress Lakes Residence
EB03	REB03-042	3	B	67.0	66.0	60.6	60.8	**66.4**	Yes	Cypress Lakes Residence
EB03	REB03-043	7	B	67.0	66.0	61.4	61.7	**67.6**	Yes	Cypress Lakes Residence
EB03	REB03-044	8	B	67.0	66.0	62.4	62.6	**66.6**	Yes	Cypress Lakes Residence
EB03	REB03-045	2	B	67.0	66.0	60.2	60.5	**66.1**	Yes	Cypress Lakes Residence
EB03	REB03-046	7	B	67.0	66.0	59.1	59.3	63.9	No	Cypress Lakes Residence
EB03	REB03-047	3	B	67.0	66.0	61.9	62.1	**67.1**	Yes	Cypress Lakes Residence
EB03	REB03-048	7	B	67.0	66.0	62.3	62.5	64.6	No	Cypress Lakes Residence
EB03	REB03-049	5	B	67.0	66.0	59.8	60.0	65.6	No	Cypress Lakes Residence
EB03	REB03-050	3	B	67.0	66.0	59.9	60.1	64.8	No	Cypress Lakes Residence
EB03	REB03-051	3	B	67.0	66.0	57.5	57.7	62.0	No	Cypress Lakes Residence
EB03	REB03-052	12	B	67.0	66.0	59.6	59.8	64.7	No	Cypress Lakes Residence
EB03	REB03-053	1	B	67.0	66.0	61.5	61.8	63.7	No	Cypress Lakes Residence
EB03	REB03-054	1	B	67.0	66.0	60.7	60.9	62.6	No	Cypress Lakes Residence
EB03	REB03-055	9	B	67.0	66.0	60.5	60.7	63.0	No	Cypress Lakes Residence
EB06	REB06-001a	1	B	67.0	66.0	62.5	63.5	**66.4**	Yes	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-001b	1	B	67.0	66.0	64.4	65.2	**68.0**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-001c	1	B	67.0	66.0	68.0	68.5	**69.6**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-002b	2	B	67.0	66.0	62.2	63.0	64.4	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-002c	2	B	67.0	66.0	65.3	65.8	**66.5**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-003a	1	B	67.0	66.0	57.2	58.0	60.1	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-003b	1	B	67.0	66.0	59.7	60.5	62.1	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-003c	1	B	67.0	66.0	63.4	63.8	64.5	No	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-004a	1	B	67.0	66.0	62.1	63.1	**67.1**	Yes	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-004b	1	B	67.0	66.0	64.4	65.1	**68.8**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-004c	1	B	67.0	66.0	69.5	69.8	**70.6**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-005a	2	B	67.0	66.0	59.7	60.5	65.4	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-005b	2	B	67.0	66.0	62.2	62.9	**67.2**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-005c	2	B	67.0	66.0	68.6	68.9	**69.3**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-006a	1	B	67.0	66.0	57.4	58.0	62.2	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-006b	1	B	67.0	66.0	60.9	61.3	64.8	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-006c	1	B	67.0	66.0	67.3	67.4	**67.4**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-007a	1	B	67.0	66.0	60.8	61.6	65.0	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-007b	1	B	67.0	66.0	62.6	63.5	**67.1**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-007c	1	B	67.0	66.0	67.3	67.7	**69.0**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-008a	3	B	67.0	66.0	59.0	59.8	62.3	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-008b	3	B	67.0	66.0	60.8	61.7	64.4	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-008c	3	B	67.0	66.0	65.5	65.9	**66.8**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-009a	1	B	67.0	66.0	61.3	62.2	**68.6**	Yes	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-009b	1	B	67.0	66.0	63.3	64.1	**70.5**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-009c	1	B	67.0	66.0	70.9	71.1	**71.7**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-010b	2	B	67.0	66.0	62.8	63.5	**70.1**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-010c	2	B	67.0	66.0	70.7	70.9	**71.2**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-011a	1	B	67.0	66.0	59.5	60.3	**67.5**	Yes	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-011b	1	B	67.0	66.0	62.2	62.7	**69.3**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-011c	1	B	67.0	66.0	70.6	70.7	**70.4**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-012a	4	B	67.0	66.0	58.4	58.8	65.9	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-012b	4	B	67.0	66.0	61.4	61.7	**67.7**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-012c	4	B	67.0	66.0	69.8	69.8	**69.0**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-013b	4	B	67.0	66.0	61.9	62.2	**67.6**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-013c	4	B	67.0	66.0	69.5	69.6	**68.8**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-014a	8	B	67.0	66.0	55.3	55.9	60.2	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-014b	8	B	67.0	66.0	57.6	58.2	62.2	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-014c	8	B	67.0	66.0	65.4	65.6	**66.7**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-015a	1	B	67.0	66.0	57.9	58.2	64.1	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-015b	1	B	67.0	66.0	60.8	61.0	65.7	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-015c	1	B	67.0	66.0	67.3	67.4	**68.0**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-016b	2	B	67.0	66.0	60.9	61.1	65.5	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-016c	2	B	67.0	66.0	66.5	66.6	**67.6**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-017a	1	B	67.0	66.0	57.5	57.7	62.9	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-017b	1	B	67.0	66.0	60.9	61.0	65.1	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-017c	1	B	67.0	66.0	65.4	65.4	**67.0**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-018a	4	B	67.0	66.0	54.4	54.8	57.8	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-018b	4	B	67.0	66.0	58.0	58.3	60.9	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-018c	4	B	67.0	66.0	64.5	64.6	62.7	No	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-019a	1	B	67.0	66.0	57.8	58.0	63.5	No	St. Andrews at Winston Park Apts -1st floor unit

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
EB06	REB06-019b	1	B	67.0	66.0	61.4	61.5	**66.0**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-019c	1	B	67.0	66.0	66.3	66.3	**67.8**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-020b	2	B	67.0	66.0	62.1	62.3	**68.7**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-020c	2	B	67.0	66.0	68.5	68.6	**70.3**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-021a	1	B	67.0	66.0	59.2	59.6	**67.5**	Yes	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-021b	1	B	67.0	66.0	62.3	62.5	**70.4**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-021c	1	B	67.0	66.0	70.4	70.4	**71.9**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-022a	1	B	67.0	66.0	56.5	56.7	60.3	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-022b	1	B	67.0	66.0	59.0	59.2	63.2	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-022c	1	B	67.0	66.0	63.3	63.4	**66.6**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-023a	2	B	67.0	66.0	56.8	57.1	61.1	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-023b	2	B	67.0	66.0	58.7	59.0	63.7	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-023c	2	B	67.0	66.0	63.9	64.1	**67.4**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-024a	1	B	67.0	66.0	56.6	56.8	61.1	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-024b	1	B	67.0	66.0	58.7	58.9	64.2	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-024c	1	B	67.0	66.0	64.2	64.3	**66.5**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-025a	2	B	67.0	66.0	59.9	60.2	**68.6**	Yes	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-025b	4	B	67.0	66.0	62.6	62.9	**72.0**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-025c	4	B	67.0	66.0	71.0	71.1	**73.4**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-026a	4	B	67.0	66.0	57.2	57.5	63.9	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-026b	4	B	67.0	66.0	59.8	60.1	**67.1**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-026c	4	B	67.0	66.0	65.7	65.8	**69.1**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-027a	1	B	67.0	66.0	56.2	57.0	59.0	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-027b	1	B	67.0	66.0	58.6	59.3	61.2	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-027c	1	B	67.0	66.0	61.4	61.9	62.6	No	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-028b	2	B	67.0	66.0	57.9	58.6	60.5	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-028c	2	B	67.0	66.0	60.7	61.1	62.0	No	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-029a	1	B	67.0	66.0	55.9	56.5	60.0	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-029b	1	B	67.0	66.0	58.1	58.5	61.4	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-029c	1	B	67.0	66.0	62.2	62.5	64.1	No	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-030a	2	B	67.0	66.0	56.7	57.3	60.8	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-030b	2	B	67.0	66.0	59.5	60.0	63.4	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-030c	2	B	67.0	66.0	66.9	67.0	**66.5**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-031a	2	B	67.0	66.0	56.3	56.8	60.7	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-031b	2	B	67.0	66.0	59.4	59.8	63.7	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-031c	2	B	67.0	66.0	66.0	66.1	65.8	No	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-032a	1	B	67.0	66.0	57.3	57.6	63.6	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-032b	1	B	67.0	66.0	59.9	60.1	**66.5**	Yes	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-032c	1	B	67.0	66.0	66.2	66.3	**69.2**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-033b	2	B	67.0	66.0	59.7	59.9	65.9	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-033c	2	B	67.0	66.0	65.6	65.7	**68.7**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-034a	1	B	67.0	66.0	56.9	57.1	62.3	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-034b	1	B	67.0	66.0	59.6	59.8	65.0	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-034c	1	B	67.0	66.0	64.1	64.2	**67.2**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-035a	2	B	67.0	66.0	56.4	56.7	61.8	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-035b	2	B	67.0	66.0	58.8	59.0	64.8	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-035c	2	B	67.0	66.0	65.5	65.6	**68.2**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-036a	2	B	67.0	66.0	56.3	56.6	61.6	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-036b	2	B	67.0	66.0	59.0	59.2	64.6	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-036c	2	B	67.0	66.0	64.6	64.7	**67.6**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-037a	1	B	67.0	66.0	56.5	56.7	60.7	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-037b	1	B	67.0	66.0	59.3	59.5	63.5	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-037c	1	B	67.0	66.0	64.4	64.5	**66.7**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB06	REB06-038a	1	B	67.0	66.0	57.6	57.8	61.8	No	St. Andrews at Winston Park Apts -1st floor unit
EB06	REB06-038b	1	B	67.0	66.0	60.5	60.6	64.4	No	St. Andrews at Winston Park Apts -2nd floor unit
EB06	REB06-038c	1	B	67.0	66.0	64.5	64.6	**66.5**	Yes	St. Andrews at Winston Park Apts -3rd floor unit
EB07	REB07-001	12	B	67.0	66.0	59.6	60.0	**67.4**	Yes	Breckenridge North residence
EB07	REB07-002	9	B	67.0	66.0	59.2	59.3	**73.2**	Yes	Breckenridge North residence
EB07	REB07-003	1	B	67.0	66.0	60.1	60.2	**73.2**	Yes	Breckenridge North residence
EB07	REB07-004	1	B	67.0	66.0	61.7	61.7	**72.6**	Yes	Breckenridge North residence
EB07	REB07-005	1	B	67.0	66.0	59.4	59.6	**66.5**	Yes	Breckenridge North residence
EB07	REB07-006	5	B	67.0	66.0	57.9	58.2	63.6	No	Breckenridge North residence
EB07	REB07-007	8	B	67.0	66.0	58.7	59.0	**68.1**	Yes	Breckenridge North residence
EB07	REB07-008	2	B	67.0	66.0	59.4	59.6	**68.3**	Yes	Breckenridge North residence
EB07	REB07-009	1	B	67.0	66.0	61.7	61.8	**68.4**	Yes	Breckenridge North residence
EB07	REB07-010	1	B	67.0	66.0	61.1	61.2	**66.8**	Yes	Breckenridge North residence
EB07	REB07-011	5	B	67.0	66.0	58.1	58.3	63.5	No	Breckenridge North residence
EB07	REB07-012	7	B	67.0	66.0	58.8	59.0	**67.5**	Yes	Breckenridge North residence
EB07	REB07-013	2	B	67.0	66.0	59.2	59.4	**68.0**	Yes	Breckenridge North residence
EB07	REB07-014	1	B	67.0	66.0	60.2	60.4	65.3	No	Breckenridge North residence
EB07	REB07-015	5	B	67.0	66.0	57.7	57.9	62.7	No	Breckenridge North residence
EB07	REB07-016	4	B	67.0	66.0	57.9	58.1	65.0	No	Breckenridge North residence
EB07	REB07-017	2	B	67.0	66.0	59.2	59.4	**66.5**	Yes	Breckenridge North residence
EB07	REB07-018	2	B	67.0	66.0	58.4	58.6	65.5	No	Breckenridge North residence
EB07	REB07-019	1	B	67.0	66.0	59.6	59.8	64.0	No	Breckenridge North residence
EB07	REB07-020	1	B	67.0	66.0	59.2	59.4	63.4	No	Breckenridge North residence
EB08	REB08-001	1	B	67.0	66.0	61.9	62.1	63.3	No	Parkwood residence
EB08	REB08-002	1	B	67.0	66.0	59.2	59.4	60.4	No	Parkwood residence
EB08	REB08-003	1	B	67.0	66.0	59.3	59.5	60.7	No	Parkwood residence
EB08	REB08-004	1	B	67.0	66.0	59.7	60.0	60.7	No	Parkwood residence
EB08	REB08-005	1	B	67.0	66.0	57.7	57.9	58.6	No	Parkwood residence
EB08	REB08-006	1	B	67.0	66.0	57.8	58.0	58.9	No	Parkwood residence
EB08	REB08-007	19	B	67.0	66.0	62.6	62.8	64.6	No	Parkwood residence

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
EB08	REB08-008	17	B	67.0	66.0	60.2	60.5	62.0	No	Parkwood residence
EB08	REB08-009	5	B	67.0	66.0	57.3	57.5	58.4	No	Parkwood residence
EB08	REB08-010	3	B	67.0	66.0	59.6	59.8	61.6	No	Parkwood residence
EB08	REB08-011	4	B	67.0	66.0	61.6	62.0	**73.7**	Yes	SOS Children's Village residence
EB08	REB08-012	7	B	67.0	66.0	61.9	62.2	**69.9**	Yes	SOS Children's Village residence
EB08	REB08-013	1	B	67.0	66.0	62.6	62.9	**67.8**	Yes	SOS Children's Village residence
EB08	REB08-014	1	B	67.0	66.0	62.8	63.2	**67.9**	Yes	SOS Children's Village residence
EB08	REB08-015	1	B	67.0	66.0	60.9	61.4	**68.9**	Yes	SOS Children's Village residence
EB08	REB08-016	1	B	67.0	66.0	64.8	65.1	**66.3**	Yes	Parkwood residence
EB08	REB08-017	1	B	67.0	66.0	63.7	64.0	65.9	No	Parkwood residence
EB08	REB08-018	1	B	67.0	66.0	62.7	63.0	65.5	No	Parkwood residence
EB08	REB08-019	1	B	67.0	66.0	62.1	62.4	65.4	No	Parkwood residence
EB08	REB08-020	1	B	67.0	66.0	61.9	62.2	65.3	No	Parkwood residence
EB08	REB08-021	1	B	67.0	66.0	62.1	62.4	65.5	No	Parkwood residence
EB08	REB08-022	1	B	67.0	66.0	66.4	66.2	64.5	No	Parkwood residence
EB08	REB08-023	2	B	67.0	66.0	64.5	64.7	64.1	No	Parkwood residence
EB08	REB08-024	2	B	67.0	66.0	64.1	64.0	62.8	No	Parkwood residence
EB08	REB08-025	1	B	67.0	66.0	62.6	62.5	62.2	No	Parkwood residence
EB08	REB08-026	1	B	67.0	66.0	62.1	62.0	61.8	No	Parkwood residence
EB08	REB08-027	2	B	67.0	66.0	61.9	61.9	62.2	No	Parkwood residence
EB08	REB08-028	2	B	67.0	66.0	61.3	61.3	62.1	No	Parkwood residence
EB09	REB09-001a	1	B	67.0	66.0	66.6	61.0	**66.1**	Yes	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-001b	1	B	67.0	66.0	71.2	63.3	**68.1**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-002a	1	B	67.0	66.0	65.9	60.9	64.6	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-002b	1	B	67.0	66.0	69.7	63.0	**66.8**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-002c	1	B	67.0	66.0	71.7	64.8	**68.9**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-003a	1	B	67.0	66.0	64.7	60.6	63.0	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-003b	1	B	67.0	66.0	67.8	62.8	65.1	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-003c	1	B	67.0	66.0	69.7	64.4	**67.3**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-004a	1	B	67.0	66.0	64.0	60.3	62.3	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-004b	1	B	67.0	66.0	67.0	62.7	64.2	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-004c	1	B	67.0	66.0	68.7	64.1	**66.5**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-005a	6	B	67.0	66.0	65.6	59.9	**66.9**	Yes	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-005b	6	B	67.0	66.0	70.8	62.2	**69.7**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-005c	2	B	67.0	66.0	72.2	64.4	**71.3**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-006a	3	B	67.0	66.0	60.1	56.9	60.9	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-006b	3	B	67.0	66.0	64.9	59.1	63.7	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-006c	3	B	67.0	66.0	67.1	61.3	**66.4**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-007a	4	B	67.0	66.0	59.6	56.5	61.4	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-007b	2	B	67.0	66.0	64.1	58.8	64.3	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-007c	2	B	67.0	66.0	67.1	62.8	**67.3**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-008a	3	B	67.0	66.0	60.0	56.6	63.5	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-008b	3	B	67.0	66.0	63.0	59.0	**66.4**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-008c	3	B	67.0	66.0	65.9	61.0	**68.4**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-009a	3	B	67.0	66.0	58.9	56.3	60.9	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-009b	3	B	67.0	66.0	61.9	59.6	63.9	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-010a	2	B	67.0	66.0	58.9	56.6	60.3	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-010b	2	B	67.0	66.0	61.4	59.6	63.2	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-010c	1	B	67.0	66.0	64.1	61.6	**66.1**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-011a	2	B	67.0	66.0	58.3	56.8	60.5	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-011b	2	B	67.0	66.0	60.7	59.4	63.3	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-011c	1	B	67.0	66.0	63.8	61.7	65.5	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-012a	2	B	67.0	66.0	61.7	59.1	60.1	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-012b	2	B	67.0	66.0	64.4	61.7	61.9	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-012c	1	B	67.0	66.0	65.8	63.1	63.9	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-013a	2	B	67.0	66.0	60.3	58.6	59.4	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-013b	2	B	67.0	66.0	62.8	60.9	60.8	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-013c	1	B	67.0	66.0	64.4	62.4	63.1	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-014a	2	B	67.0	66.0	59.5	58.1	59.0	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-014b	2	B	67.0	66.0	61.7	60.1	60.5	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-014c	1	B	67.0	66.0	63.5	61.9	62.8	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-015a	2	B	67.0	66.0	56.1	56.0	58.8	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-015b	2	B	67.0	66.0	58.6	58.1	61.3	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-015c	1	B	67.0	66.0	60.7	59.8	63.5	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-016a	2	B	67.0	66.0	59.6	58.0	58.7	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-016b	2	B	67.0	66.0	61.3	59.8	60.3	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-016c	1	B	67.0	66.0	63.2	61.8	62.3	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-017a	2	B	67.0	66.0	55.9	55.7	58.2	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-017b	2	B	67.0	66.0	58.2	57.8	60.4	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-017c	1	B	67.0	66.0	60.2	59.7	62.6	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-018a	4	B	67.0	66.0	60.6	59.1	60.0	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-018b	4	B	67.0	66.0	62.8	61.5	61.4	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-018c	2	B	67.0	66.0	64.4	63.2	63.2	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-019a	4	B	67.0	66.0	59.2	59.1	58.3	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-019b	4	B	67.0	66.0	61.6	61.4	60.2	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-019c	2	B	67.0	66.0	63.2	62.9	61.9	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-020a	4	B	67.0	66.0	58.7	56.6	62.4	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-020b	4	B	67.0	66.0	61.1	58.7	65.0	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-020c	2	B	67.0	66.0	64.3	61.3	**67.0**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-021a	4	B	67.0	66.0	55.4	55.8	59.2	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-021b	4	B	67.0	66.0	58.9	58.6	62.0	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-021c	2	B	67.0	66.0	61.2	60.7	64.4	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-022a	2	B	67.0	66.0	57.8	56.1	61.9	No	Enclave Apts at Waterways - 1st floor unit

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
EB09	REB09-022b	2	B	67.0	66.0	63.0	58.6	**66.0**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-023a	2	B	67.0	66.0	57.5	55.5	61.7	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-023b	2	B	67.0	66.0	61.0	58.1	65.1	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-023c	2	B	67.0	66.0	64.1	61.3	**67.9**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-024a	2	B	67.0	66.0	59.8	57.2	63.6	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-024b	2	B	67.0	66.0	62.7	59.7	**66.5**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-024c	2	B	67.0	66.0	65.9	61.8	**68.1**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-025a	2	B	67.0	66.0	58.5	56.5	62.5	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-025b	2	B	67.0	66.0	61.5	59.0	65.4	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-026a	3	B	67.0	66.0	63.4	59.4	**67.9**	Yes	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-026b	3	B	67.0	66.0	68.7	63.2	**72.5**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-026c	2	B	67.0	66.0	69.7	65.5	**73.5**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-027a	1	B	67.0	66.0	62.9	60.1	**67.7**	Yes	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-027b	1	B	67.0	66.0	68.4	64.6	**72.6**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-028a	1	B	67.0	66.0	57.3	55.8	61.7	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-028b	1	B	67.0	66.0	62.1	59.8	**66.0**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-029a	3	B	67.0	66.0	57.7	56.1	61.9	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-029b	3	B	67.0	66.0	62.3	59.3	65.9	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-029c	2	B	67.0	66.0	65.0	62.2	**68.4**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-030a	1	B	67.0	66.0	57.3	55.7	61.5	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-030b	1	B	67.0	66.0	60.5	59.4	65.2	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-031a	1	B	67.0	66.0	57.5	58.9	63.0	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-031b	1	B	67.0	66.0	61.5	63.2	**67.5**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-032a	3	B	67.0	66.0	56.9	58.6	62.4	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-032b	3	B	67.0	66.0	60.5	62.2	**66.5**	Yes	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-032c	2	B	67.0	66.0	62.8	63.3	**67.8**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-033a	3	B	67.0	66.0	57.2	55.7	61.2	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-033b	3	B	67.0	66.0	60.0	59.2	64.7	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-033c	2	B	67.0	66.0	63.6	61.7	**67.0**	Yes	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-034A	4	B	67.0	66.0	59.3	58.4	58.9	No	Enclave Apts at Waterways - 1st floor unit
EB09	REB09-034B	4	B	67.0	66.0	61.6	60.9	60.5	No	Enclave Apts at Waterways - 2nd floor unit
EB09	REB09-034C	2	B	67.0	66.0	63.3	62.7	62.6	No	Enclave Apts at Waterways - 3rd floor unit
EB09	REB09-035	2	B	67.0	66.0	58.6	58.4	59.3	No	Pelican Landing residence
EB09	REB09-036	6	B	67.0	66.0	58.0	57.9	59.0	No	Pelican Landing residence
EB10	REB10-001	1	B	67.0	66.0	63.8	62.0	64.4	No	Waterways residence
EB10	REB10-002	1	B	67.0	66.0	63.6	60.1	62.7	No	Waterways residence
EB10	REB10-003	1	B	67.0	66.0	63.7	59.1	61.6	No	Waterways residence
EB10	REB10-004	1	B	67.0	66.0	63.7	58.5	61.0	No	Waterways residence
EB10	REB10-005	7	B	67.0	66.0	62.9	59.4	61.1	No	Waterways residence
EB10	REB10-006	1	B	67.0	66.0	61.6	55.6	57.3	No	Waterways residence
EB10	REB10-007	1	B	67.0	66.0	60.5	55.3	57.1	No	Waterways residence
EB10	REB10-008	1	B	67.0	66.0	59.7	55.1	57.0	No	Waterways residence
EB10	REB10-009	1	B	67.0	66.0	59.0	61.3	63.2	No	Waterways residence
EB10	REB10-010	1	B	67.0	66.0	58.5	61.1	62.9	No	Waterways residence
EB10	REB10-011	1	B	67.0	66.0	57.7	60.5	62.6	No	Waterways residence
EB10	REB10-012	1	B	67.0	66.0	57.4	60.3	62.4	No	Waterways residence
EB10	REB10-013	1	B	67.0	66.0	56.9	60.3	62.0	No	Waterways residence
EB10	REB10-014	1	B	67.0	66.0	56.8	60.3	62.0	No	Waterways residence
EB10	REB10-015	7	B	67.0	66.0	58.3	56.6	58.9	No	Waterways residence
EB10	REB10-016	1	B	67.0	66.0	58.9	54.7	56.7	No	Waterways residence
EB10	REB10-017	2	B	67.0	66.0	54.6	53.4	55.4	No	Waterways residence
EB10	REB10-018	1	B	67.0	66.0	58.7	54.6	56.5	No	Waterways residence
EB10	REB10-019	2	B	67.0	66.0	54.6	53.7	55.7	No	Waterways residence
EB10	REB10-020	1	B	67.0	66.0	58.2	54.3	56.2	No	Waterways residence
EB10	REB10-021	4	B	67.0	66.0	54.5	54.2	56.2	No	Waterways residence
EB10	REB10-022	1	B	67.0	66.0	57.9	54.2	56.1	No	Waterways residence
EB10	REB10-023	2	B	67.0	66.0	54.4	54.1	56.1	No	Waterways residence
EB10	REB10-024	1	B	67.0	66.0	57.7	54.3	56.1	No	Waterways residence
EB10	REB10-025	2	B	67.0	66.0	55.0	54.6	56.4	No	Waterways residence
EB10	REB10-026	1	B	67.0	66.0	57.4	54.3	56.1	No	Waterways residence
EB10	REB10-027	1	B	67.0	66.0	56.3	60.8	62.2	No	Waterways residence
EB10	REB10-028	1	B	67.0	66.0	56.3	61.4	62.7	No	Waterways residence
EB10	REB10-029	9	B	67.0	66.0	61.3	56.3	58.3	No	Independence Bay residence
EB10	REB10-030	1	B	67.0	66.0	62.4	60.3	62.1	No	Independence Bay residence
EB10	REB10-031	1	B	67.0	66.0	62.3	61.0	62.8	No	Independence Bay residence
EB10	REB10-032	1	B	67.0	66.0	62.3	61.8	63.8	No	Independence Bay residence
EB10	REB10-033	1	B	67.0	66.0	62.6	62.7	64.9	No	Independence Bay residence
EB10	REB10-034	1	B	67.0	66.0	59.6	55.7	57.6	No	Independence Bay residence
EB10	REB10-035	2	B	67.0	66.0	57.8	55.8	57.4	No	Independence Bay residence
EB10	REB10-036	7	B	67.0	66.0	58.8	57.4	59.0	No	Independence Bay residence
EB10	REB10-037	1	B	67.0	66.0	58.8	58.5	60.2	No	Independence Bay residence
EB10	REB10-038	1	B	67.0	66.0	58.9	58.8	60.6	No	Independence Bay residence
EB10	REB10-039	1	B	67.0	66.0	59.3	59.6	61.4	No	Independence Bay residence
EB10	REB10-040	1	B	67.0	66.0	58.3	59.0	60.7	No	Independence Bay residence
EB11	REB11-001a	1	B	67.0	66.0	61.3	61.7	63.9	No	Independence Bay condos - 1st floor unit
EB11	REB11-001b	1	B	67.0	66.0	64.2	64.0	65.7	No	Independence Bay condos - 2nd floor unit
EB11	REB11-002a	1	B	67.0	66.0	61.5	61.4	63.6	No	Independence Bay condos - 1st floor unit
EB11	REB11-002b	1	B	67.0	66.0	64.0	63.4	65.2	No	Independence Bay condos - 2nd floor unit
EB11	REB11-003a	1	B	67.0	66.0	61.6	61.1	63.2	No	Independence Bay condos - 1st floor unit
EB11	REB11-003b	1	B	67.0	66.0	64.0	63.1	64.9	No	Independence Bay condos - 2nd floor unit
EB11	REB11-004a	9	B	67.0	66.0	61.7	60.1	62.0	No	Independence Bay condos - 1st floor unit
EB11	REB11-004b	9	B	67.0	66.0	64.0	61.9	63.7	No	Independence Bay condos - 2nd floor unit
EB11	REB11-005a	1	B	67.0	66.0	62.1	61.2	62.8	No	Independence Bay condos - 1st floor unit

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
EB11	REB11-005b	1	B	67.0	66.0	64.1	63.0	64.5	No	Independence Bay condos - 2nd floor unit
EB11	REB11-006a	1	B	67.0	66.0	60.2	60.2	61.7	No	Independence Bay condos - 1st floor unit
EB11	REB11-006b	1	B	67.0	66.0	62.1	62.1	63.5	No	Independence Bay condos - 2nd floor unit
EB11	REB11-007a	1	B	67.0	66.0	59.2	59.8	61.3	No	Independence Bay condos - 1st floor unit
EB11	REB11-007b	1	B	67.0	66.0	61.1	61.6	63.1	No	Independence Bay condos - 2nd floor unit
EB11	REB11-008a	1	B	67.0	66.0	58.4	59.4	61.0	No	Independence Bay condos - 1st floor unit
EB11	REB11-008b	1	B	67.0	66.0	60.4	61.2	62.7	No	Independence Bay condos - 2nd floor unit
EB11	REB11-009a	1	B	67.0	66.0	57.8	59.1	60.7	No	Independence Bay condos - 1st floor unit
EB11	REB11-009b	1	B	67.0	66.0	59.8	60.9	62.4	No	Independence Bay condos - 2nd floor unit
EB11	REB11-010a	1	B	67.0	66.0	57.2	58.8	60.4	No	Independence Bay condos - 1st floor unit
EB11	REB11-010b	1	B	67.0	66.0	59.3	60.5	62.1	No	Independence Bay condos - 2nd floor unit
EB11	REB11-011a	12	B	67.0	66.0	57.2	57.5	59.1	No	Independence Bay condos - 1st floor unit
EB11	REB11-011b	12	B	67.0	66.0	61.1	60.2	61.8	No	Independence Bay condos - 2nd floor unit
WB01	RWB01-001	1	B	67.0	66.0	62.0	62.0	65.0	No	Estates of Pine Tree Residence
WB01	RWB01-002	1	B	67.0	66.0	57.2	57.3	62.1	No	Estates of Pine Tree Residence
WB01	RWB01-003	1	B	67.0	66.0	55.4	55.5	60.4	No	Estates of Pine Tree Residence
WB01	RWB01-004	5	B	67.0	66.0	59.9	59.9	62.2	No	Estates of Pine Tree Residence
WB01	RWB01-005	5	B	67.0	66.0	58.2	58.3	61.0	No	Estates of Pine Tree Residence
WB01	RWB01-006	4	B	67.0	66.0	56.6	56.6	59.8	No	Estates of Pine Tree Residence
WB01	RWB01-007	2	B	67.0	66.0	55.0	55.0	58.0	No	Estates of Pine Tree Residence
WB01	RWB01-008	5	B	67.0	66.0	53.6	53.6	56.5	No	Estates of Pine Tree Residence
WB01	RWB01-009	2	B	67.0	66.0	56.4	56.4	59.0	No	Estates of Pine Tree Residence
WB01	RWB01-010	2	B	67.0	66.0	55.1	55.2	57.7	No	Estates of Pine Tree Residence
WB01	RWB01-011	2	B	67.0	66.0	54.1	54.2	56.7	No	Estates of Pine Tree Residence
WB01	RWB01-012	1	B	67.0	66.0	59.1	59.1	61.7	No	Estates of Pine Tree Residence
WB01	RWB01-013	1	B	67.0	66.0	58.7	58.7	60.7	No	Estates of Pine Tree Residence
WB01	RWB01-014	1	B	67.0	66.0	57.1	57.2	59.6	No	Estates of Pine Tree Residence
WB01	RWB01-015	1	B	67.0	66.0	57.6	57.6	59.7	No	Estates of Pine Tree Residence
WB01	RWB01-016	1	B	67.0	66.0	55.7	55.8	58.2	No	Estates of Pine Tree Residence
WB01	RWB01-017	1	B	67.0	66.0	57.0	57.0	59.5	No	Estates of Pine Tree Residence
WB01	RWB01-018	1	B	67.0	66.0	54.6	54.6	57.1	No	Estates of Pine Tree Residence
WB01	RWB01-019	1	B	67.0	66.0	55.9	56.0	58.7	No	Estates of Pine Tree Residence
WB01	RWB01-020	1	B	67.0	66.0	55.4	55.5	58.3	No	Estates of Pine Tree Residence
WB01	RWB01-021	1	B	67.0	66.0	54.7	54.8	57.7	No	Estates of Pine Tree Residence
WB01	RWB01-022	1	B	67.0	66.0	55.9	56.1	58.7	No	Estates of Pine Tree Residence
WB03	RWB03-001a	6	B	67.0	66.0	59.3	59.4	**69.8**	Yes	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-001b	6	B	67.0	66.0	62.1	62.3	**74.9**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-001c	4	B	67.0	66.0	71.9	72.0	**75.9**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-002a	6	B	67.0	66.0	57.4	57.6	62.7	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-002b	6	B	67.0	66.0	60.5	60.7	**66.9**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-002c	4	B	67.0	66.0	66.4	66.5	**69.0**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-003a	2	B	67.0	66.0	59.8	60.0	65.5	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-003b	2	B	67.0	66.0	62.6	62.8	**69.7**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-004a	2	B	67.0	66.0	59.5	59.7	64.8	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-004b	2	B	67.0	66.0	62.3	62.6	**68.9**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-004c	2	B	67.0	66.0	66.3	66.5	**70.1**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-005a	2	B	67.0	66.0	58.8	59.0	63.5	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-005b	2	B	67.0	66.0	61.5	61.7	**67.4**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-005c	2	B	67.0	66.0	65.0	65.1	**68.6**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-006a	2	B	67.0	66.0	58.6	58.8	63.2	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-006b	2	B	67.0	66.0	61.2	61.4	**67.0**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-007a	2	B	67.0	66.0	58.2	58.4	62.0	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-007b	2	B	67.0	66.0	60.2	60.4	65.4	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-008a	2	B	67.0	66.0	58.5	58.7	62.0	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-008b	2	B	67.0	66.0	59.9	60.1	64.9	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-008c	2	B	67.0	66.0	62.3	62.4	**66.3**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-009a	2	B	67.0	66.0	57.3	57.5	60.2	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-009b	2	B	67.0	66.0	59.2	59.4	63.6	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-009c	2	B	67.0	66.0	61.3	61.4	65.2	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-010a	2	B	67.0	66.0	57.2	57.4	59.9	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-010b	2	B	67.0	66.0	59.2	59.4	63.3	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-011a	2	B	67.0	66.0	59.3	59.4	**70.3**	Yes	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-011b	2	B	67.0	66.0	61.7	61.9	**74.3**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-012a	2	B	67.0	66.0	57.8	57.9	**69.1**	Yes	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-012b	2	B	67.0	66.0	59.9	60.1	**72.9**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-012c	2	B	67.0	66.0	65.0	65.2	**73.7**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-013a	2	B	67.0	66.0	55.5	55.6	65.5	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-013b	2	B	67.0	66.0	57.3	57.5	**69.2**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-013c	2	B	67.0	66.0	60.4	60.6	**70.0**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-014a	2	B	67.0	66.0	55.0	55.2	64.7	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-014b	2	B	67.0	66.0	56.7	56.9	**68.2**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-015a	6	B	67.0	66.0	55.1	55.3	59.2	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-015b	6	B	67.0	66.0	58.2	58.4	63.4	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-015c	4	B	67.0	66.0	60.4	60.6	65.1	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-016a	6	B	67.0	66.0	59.4	59.6	**72.0**	Yes	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-016b	6	B	67.0	66.0	61.5	61.6	**74.6**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-016c	4	B	67.0	66.0	66.9	67.1	**75.5**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-017a	6	B	67.0	66.0	53.5	53.7	60.4	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-017b	6	B	67.0	66.0	55.6	55.7	61.7	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-017c	4	B	67.0	66.0	58.5	58.7	63.3	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-018a	6	B	67.0	66.0	56.0	56.2	63.3	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-018b	6	B	67.0	66.0	57.9	58.1	65.6	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-018c	2	B	67.0	66.0	59.9	60.1	**66.7**	Yes	Club Caribe Condo - 3rd Floor Unit

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
WB03	RWB03-019a	6	B	67.0	66.0	52.7	52.9	57.3	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-019b	6	B	67.0	66.0	54.4	54.6	59.5	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-019c	4	B	67.0	66.0	57.7	57.9	61.9	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-020a	4	B	67.0	66.0	51.7	51.8	59.1	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-020b	4	B	67.0	66.0	53.3	53.5	60.7	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-020c	2	B	67.0	66.0	55.2	55.4	62.8	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-021a	4	B	67.0	66.0	52.7	53.0	57.9	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-021b	4	B	67.0	66.0	54.3	54.6	60.1	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-021c	4	B	67.0	66.0	57.4	57.6	64.5	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-022a	4	B	67.0	66.0	54.8	55.0	57.4	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-022b	4	B	67.0	66.0	56.8	56.9	60.3	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-022c	4	B	67.0	66.0	58.7	58.8	63.6	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-023a	4	B	67.0	66.0	55.4	55.6	60.4	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-023b	4	B	67.0	66.0	58.0	58.2	63.2	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-023c	2	B	67.0	66.0	60.1	60.2	64.7	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-024a	2	B	67.0	66.0	51.2	51.4	60.7	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-024b	2	B	67.0	66.0	53.3	53.4	62.0	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-024c	2	B	67.0	66.0	55.6	55.8	63.5	No	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-025a	2	B	67.0	66.0	51.1	51.2	60.4	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-025b	2	B	67.0	66.0	53.3	53.5	61.9	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-026a	2	B	67.0	66.0	56.8	57.0	**67.9**	Yes	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-026b	2	B	67.0	66.0	58.1	58.2	**71.0**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-027a	2	B	67.0	66.0	56.0	56.1	**67.4**	Yes	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-027b	2	B	67.0	66.0	57.3	57.4	**70.5**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-027c	2	B	67.0	66.0	59.8	59.9	**71.3**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-028a	2	B	67.0	66.0	53.9	54.0	**66.2**	Yes	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-028b	2	B	67.0	66.0	55.2	55.3	**68.3**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-028c	2	B	67.0	66.0	57.6	57.7	**69.2**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-029a	2	B	67.0	66.0	52.8	52.9	65.0	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-029b	2	B	67.0	66.0	54.2	54.3	**67.3**	Yes	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-029c	2	B	67.0	66.0	56.9	57.0	**68.5**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-030a	2	B	67.0	66.0	51.7	51.8	63.1	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-030b	2	B	67.0	66.0	53.0	53.1	65.7	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-030c	2	B	67.0	66.0	55.9	56.1	**67.4**	Yes	Club Caribe Condo - 3rd Floor Unit
WB03	RWB03-031a	2	B	67.0	66.0	51.2	51.3	63.0	No	Club Caribe Condo - 1st Floor Unit
WB03	RWB03-031b	2	B	67.0	66.0	52.8	52.9	65.1	No	Club Caribe Condo - 2nd Floor Unit
WB03	RWB03-032	2	B	67.0	66.0	59.7	59.8	**72.7**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-033	2	B	67.0	66.0	58.7	58.8	**71.7**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-034	2	B	67.0	66.0	57.9	58.1	**70.9**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-035	2	B	67.0	66.0	57.4	57.6	**70.4**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-036	2	B	67.0	66.0	57.0	57.1	**69.9**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-037	2	B	67.0	66.0	56.3	56.5	**69.2**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-038	2	B	67.0	66.0	55.9	56.0	**68.6**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-039	15	B	67.0	66.0	56.3	56.4	**69.0**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-040	3	B	67.0	66.0	56.5	56.6	65.8	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-041	4	B	67.0	66.0	55.3	55.5	64.6	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-042	3	B	67.0	66.0	52.4	52.5	62.4	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-043	2	B	67.0	66.0	54.7	54.8	64.2	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-044	4	B	67.0	66.0	54.4	54.6	63.8	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-045	3	B	67.0	66.0	51.6	51.8	61.3	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-046	3	B	67.0	66.0	51.9	52.1	61.3	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-047	4	B	67.0	66.0	53.6	53.7	62.6	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-048	4	B	67.0	66.0	51.1	51.2	60.7	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-049	1	B	67.0	66.0	55.3	55.4	**67.1**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-050	1	B	67.0	66.0	55.1	55.2	**66.3**	Yes	Eagle Cay at Regency Lakes Residence
WB03	RWB03-051	1	B	67.0	66.0	54.5	54.7	65.0	No	Eagle Cay at Regency Lakes Residence
WB03	RWB03-052	1	B	67.0	66.0	53.5	53.7	56.1	No	Victoria Isles Residence
WB03	RWB03-053	1	B	67.0	66.0	54.4	54.6	57.0	No	Victoria Isles Residence
WB03	RWB03-054	1	B	67.0	66.0	55.1	55.3	57.7	No	Victoria Isles Residence
WB03	RWB03-055	1	B	67.0	66.0	55.6	55.8	58.2	No	Victoria Isles Residence
WB03	RWB03-056	1	B	67.0	66.0	56.2	56.3	58.7	No	Victoria Isles Residence
WB03	RWB03-057	1	B	67.0	66.0	56.5	56.6	59.0	No	Victoria Isles Residence
WB03	RWB03-058	1	B	67.0	66.0	56.8	56.9	59.3	No	Victoria Isles Residence
WB03	RWB03-059	1	B	67.0	66.0	57.4	57.5	59.9	No	Victoria Isles Residence
WB03	RWB03-060	1	B	67.0	66.0	57.7	57.9	60.3	No	Victoria Isles Residence
WB03	RWB03-061	1	B	67.0	66.0	58.5	58.6	61.0	No	Victoria Isles Residence
WB03	RWB03-062	1	B	67.0	66.0	59.7	59.8	62.1	No	Victoria Isles Residence
WB03	RWB03-063	9	B	67.0	66.0	59.5	59.7	61.8	No	Victoria Isles Residence
WB03	RWB03-064	1	B	67.0	66.0	59.7	59.8	62.0	No	Victoria Isles Residence
WB03	RWB03-065	1	B	67.0	66.0	58.9	59.0	60.9	No	Victoria Isles Residence
WB03	RWB03-066	3	B	67.0	66.0	59.2	59.4	60.6	No	Victoria Isles Residence
WB03	RWB03-067	4	B	67.0	66.0	59.0	59.1	60.3	No	Victoria Isles Residence
WB03	RWB03-068	1	B	67.0	66.0	57.8	58.0	59.8	No	Victoria Isles Residence
WB03	RWB03-069	3	B	67.0	66.0	59.0	59.1	60.1	No	Victoria Isles Residence
WB03	RWB03-070	3	B	67.0	66.0	58.5	58.6	59.7	No	Victoria Isles Residence
WB03	RWB03-071	3	B	67.0	66.0	56.9	57.1	59.1	No	Victoria Isles Residence
WB03	RWB03-072	3	B	67.0	66.0	57.7	57.8	59.0	No	Victoria Isles Residence
WB03	RWB03-073	3	B	67.0	66.0	56.4	56.6	58.4	No	Victoria Isles Residence
WB03	RWB03-074	3	B	67.0	66.0	56.9	57.0	58.3	No	Victoria Isles Residence
WB03	RWB03-075	2	B	67.0	66.0	56.7	56.8	58.8	No	Victoria Isles Residence
WB03	RWB03-076	1	B	67.0	66.0	57.1	57.3	59.0	No	Victoria Isles Residence
WB03	RWB03-077	2	B	67.0	66.0	57.6	57.7	59.1	No	Victoria Isles Residence
WB03	RWB03-078	3	B	67.0	66.0	58.3	58.5	59.9	No	Victoria Isles Residence

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
WB03	RWB03-079	3	B	67.0	66.0	58.9	59.0	60.4	No	Victoria Isles Residence
WB03	RWB03-080	3	B	67.0	66.0	56.7	56.8	58.6	No	Victoria Isles Residence
WB03	RWB03-081	3	B	67.0	66.0	56.6	56.7	58.5	No	Victoria Isles Residence
WB03	RWB03-082	3	B	67.0	66.0	57.4	57.5	59.3	No	Victoria Isles Residence
WB03	RWB03-083	3	B	67.0	66.0	57.9	58.0	60.0	No	Victoria Isles Residence
WB03	RWB03-084	3	B	67.0	66.0	59.0	59.1	60.8	No	Victoria Isles Residence
WB03	RWB03-085	3	B	67.0	66.0	58.4	58.6	60.2	No	Victoria Isles Residence
WB03	RWB03-086	3	B	67.0	66.0	58.4	58.5	60.1	No	Victoria Isles Residence
WB03	RWB03-087	3	B	67.0	66.0	58.7	58.8	60.2	No	Victoria Isles Residence
WB03	RWB03-088	4	B	67.0	66.0	59.0	59.2	60.6	No	Victoria Isles Residence
WB03	RWB03-089	4	B	67.0	66.0	60.1	60.2	62.1	No	Victoria Isles Residence
WB03	RWB03-090	3	B	67.0	66.0	57.8	57.9	59.8	No	Victoria Isles Residence
WB03	RWB03-091	3	B	67.0	66.0	58.2	58.4	60.1	No	Victoria Isles Residence
WB03	RWB03-092	3	B	67.0	66.0	59.0	59.2	60.6	No	Victoria Isles Residence
WB03	RWB03-093	3	B	67.0	66.0	60.3	60.4	61.8	No	Victoria Isles Residence
WB03	RWB03-094	3	B	67.0	66.0	61.3	61.4	64.0	No	Victoria Isles Residence
WB03	RWB03-095	3	B	67.0	66.0	62.6	62.7	64.6	No	Victoria Isles Residence
WB03	RWB03-096	6	B	67.0	66.0	60.4	60.6	61.6	No	Victoria Isles Residence
WB03	RWB03-097	6	B	67.0	66.0	61.0	61.2	62.1	No	Victoria Isles Residence
WB03	RWB03-098	2	B	67.0	66.0	61.5	61.6	62.5	No	Victoria Isles Residence
WB03	RWB03-099	10	B	67.0	66.0	58.8	59.0	60.5	No	Victoria Isles Residence
WB03	RWB03-100	4	B	67.0	66.0	58.8	59.0	60.3	No	Victoria Isles Residence
WB03	RWB03-101	2	B	67.0	66.0	58.2	58.5	59.8	No	Victoria Isles Residence
WB05	RWB05-001	1	B	67.0	66.0	61.5	62.1	**71.1**	Yes	Village of Sorbet residence
WB05	RWB05-002	5	B	67.0	66.0	59.6	60.6	**71.5**	Yes	Village of Sorbet residence
WB05	RWB05-003	1	B	67.0	66.0	66.4	66.8	**70.4**	Yes	Village of Sorbet residence
WB05	RWB05-004	1	B	67.0	66.0	64.5	64.9	**67.3**	Yes	Village of Sorbet residence
WB05	RWB05-005	1	B	67.0	66.0	64.3	64.7	**67.2**	Yes	Village of Sorbet residence
WB05	RWB05-006	1	B	67.0	66.0	64.1	64.4	**67.5**	Yes	Village of Sorbet residence
WB05	RWB05-007	1	B	67.0	66.0	63.3	63.7	**68.2**	Yes	Village of Sorbet residence
WB05	RWB05-008	1	B	67.0	66.0	62.6	63.0	**68.5**	Yes	Village of Sorbet residence
WB05	RWB05-009	1	B	67.0	66.0	61.6	62.3	**69.4**	Yes	Village of Sorbet residence
WB05	RWB05-010	1	B	67.0	66.0	62.8	63.1	65.3	No	Village of Sorbet residence
WB05	RWB05-011	1	B	67.0	66.0	61.9	62.3	64.9	No	Village of Sorbet residence
WB05	RWB05-012	1	B	67.0	66.0	61.8	62.1	65.5	No	Village of Sorbet residence
WB05	RWB05-013	2	B	67.0	66.0	62.1	63.3	**69.1**	Yes	Village of Sorbet residence
WB05	RWB05-014	1	B	67.0	66.0	62.5	63.6	**70.4**	Yes	Village of Sorbet residence
WB05	RWB05-015	1	B	67.0	66.0	62.4	63.8	**69.5**	Yes	Village of Sorbet residence
WB05	RWB05-016	1	B	67.0	66.0	64.2	64.5	**66.4**	Yes	Village of Sorbet residence
WB05	RWB05-017	5	B	67.0	66.0	63.4	64.0	**68.0**	Yes	Village of Sorbet residence
WB05	RWB05-018	1	B	67.0	66.0	62.4	63.8	**68.0**	Yes	Village of Sorbet residence
WB05	RWB05-019	6	B	67.0	66.0	63.6	63.9	**66.9**	Yes	Village of Sorbet residence
WB05	RWB05-020	1	B	67.0	66.0	64.5	64.7	**66.7**	Yes	Village of Sorbet residence
WB05	RWB05-021	2	B	67.0	66.0	63.1	63.6	**66.8**	Yes	Village of Sorbet residence
WB05	RWB05-022	1	B	67.0	66.0	62.0	63.3	**66.9**	Yes	Village of Sorbet residence
WB05	RWB05-024	2	B	67.0	66.0	62.5	63.0	**66.1**	Yes	Village of Sorbet residence
WB05	RWB05-025	1	B	67.0	66.0	61.6	62.9	**66.3**	Yes	Village of Sorbet residence
WB05	RWB05-026	1	B	67.0	66.0	60.8	62.2	65.8	No	Village of Sorbet residence
WB06	RWB06-001	12	B	67.0	66.0	60.9	61.5	**74.8**	Yes	Village of Sorbet residence
WB06	RWB06-002	7	B	67.0	66.0	61.4	61.9	**68.0**	Yes	Village of Sorbet residence
WB06	RWB06-003	3	B	67.0	66.0	63.6	64.0	**69.6**	Yes	Village of Sorbet residence
WB06	RWB06-004	7	B	67.0	66.0	61.4	61.9	**67.9**	Yes	Village of Sorbet residence
WB06	RWB06-005	6	B	67.0	66.0	61.4	61.8	**68.4**	Yes	Village of Sorbet residence
WB06	RWB06-006	1	B	67.0	66.0	63.6	64.0	**69.2**	Yes	Village of Sorbet residence
WB06	RWB06-007	1	B	67.0	66.0	59.4	59.9	64.9	No	Village of Sorbet residence
WB06	RWB06-008	1	B	67.0	66.0	60.0	60.4	65.4	No	Village of Sorbet residence
WB06	RWB06-009	7	B	67.0	66.0	60.9	61.4	**67.2**	Yes	Village of Sorbet residence
WB06	RWB06-010	2	B	67.0	66.0	61.5	61.9	**66.9**	Yes	Village of Sorbet residence
WB06	RWB06-011	1	B	67.0	66.0	60.4	60.7	65.4	No	Village of Sorbet residence
WB06	RWB06-012	9	B	67.0	66.0	60.8	61.1	**67.1**	Yes	Village of Sorbet residence
WB06	RWB06-013	7	B	67.0	66.0	59.3	59.6	**66.4**	Yes	Village of Sorbet residence
WB06	RWB06-014	1	B	67.0	66.0	60.0	60.3	65.2	No	Village of Sorbet residence
WB06	RWB06-015	1	B	67.0	66.0	59.4	59.6	64.7	No	Village of Sorbet residence
WB06	RWB06-016	1	B	67.0	66.0	59.7	60.0	65.2	No	Village of Sorbet residence
WB06	RWB06-017	7	B	67.0	66.0	60.2	60.5	**66.4**	Yes	Village of Sorbet residence
WB06	RWB06-018	6	B	67.0	66.0	59.2	59.5	65.6	No	Village of Sorbet residence
WB06	RWB06-019	10	B	67.0	66.0	58.6	58.9	64.8	No	Village of Sorbet residence
WB06	RWB06-020	6	B	67.0	66.0	61.2	61.8	**76.7**	Yes	Village of Sorbet residence
WB06	RWB06-021	5	B	67.0	66.0	61.2	61.6	**68.8**	Yes	Village of Sorbet residence
WB06	RWB06-022	5	B	67.0	66.0	61.2	61.5	**72.2**	Yes	Village of Sorbet residence
WB06	RWB06-023	5	B	67.0	66.0	61.1	61.5	**67.9**	Yes	Village of Sorbet residence
WB06	RWB06-024	6	B	67.0	66.0	59.2	59.5	**68.6**	Yes	Village of Sorbet residence
WB06	RWB06-025	1	B	67.0	66.0	58.5	58.7	**67.2**	Yes	Village of Sorbet residence
WB06	RWB06-026	4	B	67.0	66.0	59.5	59.8	**66.9**	Yes	Village of Sorbet residence
WB06	RWB06-027	4	B	67.0	66.0	59.2	59.5	**66.0**	Yes	Village of Sorbet residence
WB06	RWB06-028	4	B	67.0	66.0	59.0	59.3	65.6	No	Village of Sorbet residence
WB06	RWB06-029	4	B	67.0	66.0	56.5	56.7	63.7	No	Village of Sorbet residence
WB06	RWB06-030	4	B	67.0	66.0	57.8	58.0	64.2	No	Village of Sorbet residence
WB06	RWB06-031	7	B	67.0	66.0	57.7	57.9	64.6	No	Village of Sorbet residence
WB06	RWB06-032	2	B	67.0	66.0	55.6	55.8	61.7	No	Village of Sorbet residence
WB06	RWB06-033	5	B	67.0	66.0	56.3	56.4	63.0	No	Village of Sorbet residence
WB06	RWB06-034	4	B	67.0	66.0	56.2	56.3	62.5	No	Village of Sorbet residence
WB06	RWB06-035	11	B	67.0	66.0	61.8	62.1	**73.3**	Yes	Coco Bay residence

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
WB06	RWB06-036	1	B	67.0	66.0	61.7	62.0	**73.3**	Yes	Coco Bay residence
WB06	RWB06-037	1	B	67.0	66.0	59.7	60.0	**69.9**	Yes	Coco Bay residence
WB06	RWB06-038	1	B	67.0	66.0	61.8	62.1	**71.3**	Yes	Coco Bay residence
WB06	RWB06-039	1	B	67.0	66.0	60.7	60.9	**69.4**	Yes	Coco Bay residence
WB06	RWB06-040	1	B	67.0	66.0	60.1	60.3	**67.6**	Yes	Coco Bay residence
WB06	RWB06-041	9	B	67.0	66.0	60.1	60.3	**66.9**	Yes	Coco Bay residence
WB06	RWB06-042	2	B	67.0	66.0	59.7	59.9	**66.5**	Yes	Coco Bay residence
WB06	RWB06-043	1	B	67.0	66.0	59.2	59.3	**66.2**	Yes	Coco Bay residence
WB06	RWB06-044	6	B	67.0	66.0	60.1	60.2	65.8	No	Coco Bay residence
WB06	RWB06-045	1	B	67.0	66.0	59.0	59.1	65.3	No	Coco Bay residence
WB06	RWB06-046	4	B	67.0	66.0	58.9	59.0	65.7	No	Coco Bay residence
WB06	RWB06-047	1	B	67.0	66.0	58.6	58.7	64.7	No	Coco Bay residence
WB06	RWB06-048	1	B	67.0	66.0	58.3	58.3	64.0	No	Coco Bay residence
WB06	RWB06-049	5	B	67.0	66.0	58.0	58.1	65.1	No	Coco Bay residence
WB06	RWB06-050	1	B	67.0	66.0	57.5	57.6	62.9	No	Coco Bay residence
WB06	RWB06-051	2	B	67.0	66.0	58.4	58.4	64.4	No	Coco Bay residence
WB06	RWB06-052	1	B	67.0	66.0	57.9	57.9	63.2	No	Coco Bay residence
WB06	RWB06-053	1	B	67.0	66.0	57.8	57.6	62.8	No	Coco Bay residence
WB06	RWB06-054	1	B	67.0	66.0	58.2	58.0	62.9	No	Coco Bay residence
WB06	RWB06-055	14	B	67.0	66.0	56.3	56.3	62.5	No	Coco Bay residence
WB06	RWB06-056	1	B	67.0	66.0	58.2	57.8	62.8	No	Coco Bay residence
WB06	RWB06-057	1	B	67.0	66.0	57.9	57.3	62.3	No	Coco Bay residence
WB06	RWB06-058	1	B	67.0	66.0	57.8	57.4	61.8	No	Coco Bay residence
WB07	RWB07-001	1	B	67.0	66.0	58.2	58.0	62.0	No	Coco Bay residence
WB07	RWB07-002	1	B	67.0	66.0	58.2	58.0	62.1	No	Coco Bay residence
WB07	RWB07-003	1	B	67.0	66.0	58.4	58.3	62.6	No	Coco Bay residence
WB07	RWB07-004	1	B	67.0	66.0	58.7	58.6	62.8	No	Coco Bay residence
WB07	RWB07-005	1	B	67.0	66.0	59.2	59.2	63.3	No	Coco Bay residence
WB07	RWB07-006	1	B	67.0	66.0	58.9	59.1	**66.3**	Yes	Coco Bay residence
WB07	RWB07-007	1	B	67.0	66.0	59.9	60.2	**68.5**	Yes	Coco Bay residence
WB07	RWB07-008	1	B	67.0	66.0	61.6	61.9	**71.4**	Yes	Coco Bay residence
WB07	RWB07-009	1	B	67.0	66.0	61.3	61.7	**72.8**	Yes	Coco Bay residence
WB07	RWB07-010	8	B	67.0	66.0	61.1	61.6	**71.5**	Yes	Coco Bay residence
WB07	RWB07-011	2	B	67.0	66.0	60.5	60.9	**69.8**	Yes	Coco Bay residence
WB07	RWB07-012	3	B	67.0	66.0	60.1	60.5	**68.5**	Yes	Coco Bay residence
WB07	RWB07-013	11	B	67.0	66.0	60.2	60.2	63.9	No	Coco Bay residence
WB07	RWB07-014	9	B	67.0	66.0	59.8	59.7	63.8	No	Coco Bay residence
WB07	RWB07-015	9	B	67.0	66.0	58.9	58.5	62.5	No	Coco Bay residence
WB07	RWB07-016	1	B	67.0	66.0	59.6	58.8	61.8	No	Coco Bay residence
WB07	RWB07-017	1	B	67.0	66.0	59.7	59.0	62.0	No	Coco Bay residence
WB07	RWB07-018	1	B	67.0	66.0	59.9	59.4	62.4	No	Coco Bay residence
WB07	RWB07-019	1	B	67.0	66.0	60.2	59.6	62.9	No	Coco Bay residence
WB07	RWB07-020	1	B	67.0	66.0	60.3	60.0	62.8	No	Coco Bay residence
WB07	RWB07-021	1	B	67.0	66.0	60.5	60.1	62.8	No	Coco Bay residence
WB07	RWB07-022.1	8	B	67.0	66.0	59.2	59.5	**66.1**	Yes	Coco Bay residence
WB07	RWB07-022.2	1	B	67.0	66.0	62.2	62.2	61.6	No	Coco Bay residence
WB07	RWB07-023	2	B	67.0	66.0	60.6	61.0	65.1	No	Coco Bay residence
WB07	RWB07-024	3	B	67.0	66.0	61.8	62.2	**66.8**	Yes	Coco Bay residence
WB07	RWB07-025	7	B	67.0	66.0	62.3	62.8	**67.0**	Yes	Coco Bay residence
WB07	RWB07-026	1	B	67.0	66.0	62.3	62.2	65.1	No	Coco Bay residence
WB07	RWB07-027	1	B	67.0	66.0	61.9	61.5	64.6	No	Coco Bay residence
WB07	RWB07-028	1	B	67.0	66.0	62.0	61.2	64.4	No	Coco Bay residence
WB07	RWB07-029	1	B	67.0	66.0	63.1	61.5	63.9	No	Coco Bay residence
WB07	RWB07-030	1	B	67.0	66.0	64.1	61.0	64.0	No	Coco Bay residence
WB07	RWB07-031	1	B	67.0	66.0	66.3	60.6	64.2	No	Coco Bay residence
WB07	RWB07-032	1	B	67.0	66.0	69.3	59.4	64.4	No	Coco Bay residence
WB07	RWB07-033	1	B	67.0	66.0	70.0	58.3	65.7	No	Coco Bay residence
WB07	RWB07-034	3	B	67.0	66.0	69.1	58.8	**66.0**	Yes	Coco Bay residence
WB07	RWB07-035	7	B	67.0	66.0	60.8	60.4	62.6	No	Coco Bay residence
WB07	RWB07-036	3	B	67.0	66.0	61.4	60.7	62.9	No	Coco Bay residence
WB07	RWB07-037	3	B	67.0	66.0	62.3	61.9	63.6	No	Coco Bay residence
WB07	RWB07-038	2	B	67.0	66.0	62.6	61.8	63.6	No	Coco Bay residence
WB07	RWB07-039	2	B	67.0	66.0	62.8	61.7	63.8	No	Coco Bay residence
WB07	RWB07-040	6	B	67.0	66.0	62.6	61.3	63.2	No	Coco Bay residence
WB07	RWB07-041	4	B	67.0	66.0	62.3	60.5	62.6	No	Coco Bay residence
WB07	RWB07-042	3	B	67.0	66.0	62.9	60.5	63.0	No	Coco Bay residence
WB07	RWB07-043	6	B	67.0	66.0	64.1	60.9	63.9	No	Coco Bay residence
WB07	RWB07-044	1	B	67.0	66.0	65.3	59.6	65.3	No	Coco Bay residence
WB07	RWB07-045	1	B	67.0	66.0	65.4	59.9	65.2	No	Coco Bay residence
WB07	RWB07-046	1	B	67.0	66.0	65.9	59.9	65.3	No	Coco Bay residence
WB07	RWB07-047	6	B	67.0	66.0	64.3	60.7	64.2	No	Coco Bay residence
WB07	RWB07-048	3	B	67.0	66.0	63.6	61.2	64.2	No	Coco Bay residence
WB07	RWB07-049	1	B	67.0	66.0	64.3	61.3	64.5	No	Coco Bay residence
WB07	RWB07-050	1	B	67.0	66.0	64.9	60.6	64.7	No	Coco Bay residence
WB07	RWB07-051	1	B	67.0	66.0	65.2	61.1	64.9	No	Coco Bay residence
WB07	RWB07-052	1	B	67.0	66.0	65.4	61.2	65.1	No	Coco Bay residence
WB07	RWB07-053	12	B	67.0	66.0	67.8	54.7	**69.4**	Yes	Coco Bay residence
WB07	RWB07-054	1	B	67.0	66.0	65.2	58.3	**68.0**	Yes	Coco Bay residence
WB07	RWB07-055	1	B	67.0	66.0	63.7	57.1	**66.8**	Yes	Coco Bay residence
WB07	RWB07-056	8	B	67.0	66.0	64.7	58.9	65.9	No	Coco Bay residence
WB07	RWB07-057	1	B	67.0	66.0	61.8	56.3	64.8	No	Coco Bay residence
WB07	RWB07-058	2	B	67.0	66.0	61.5	56.6	64.4	No	Coco Bay residence
WB07	RWB07-059	2	B	67.0	66.0	64.0	59.2	64.9	No	Coco Bay residence

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
WB07	RWB07-060	2	B	67.0	66.0	60.5	55.8	63.3	No	Coco Bay residence
WB07	RWB07-061	2	B	67.0	66.0	62.9	59.5	63.9	No	Coco Bay residence
WB07	RWB07-062	2	B	67.0	66.0	59.6	55.4	62.4	No	Coco Bay residence
WB07	RWB07-063	2	B	67.0	66.0	62.1	59.3	63.2	No	Coco Bay residence
WB07	RWB07-064	2	B	67.0	66.0	58.6	55.1	61.3	No	Coco Bay residence
NB01	RNB01-001	1	B	67	66	71.9	71.9	**72.1**	Yes	The Waterways residence
NB01	RNB01-002	1	B	67	66	70.8	70.8	**71.0**	Yes	The Waterways residence
NB01	RNB01-003	1	B	67	66	70.0	70.0	**70.3**	Yes	The Waterways residence
NB01	RNB01-004	1	B	67	66	69.3	69.3	**69.6**	Yes	The Waterways residence
NB01	RNB01-005	1	B	67	66	68.7	68.7	**69.1**	Yes	The Waterways residence
NB01	RNB01-006	1	B	67	66	68.1	68.1	**68.5**	Yes	The Waterways residence
NB01	RNB01-007	30	B	67	66	73.4	73.4	**73.4**	Yes	The Waterways residence
NB01	RNB01-008	2	B	67	66	66.9	66.9	**67.4**	Yes	The Waterways residence
NB01	RNB01-009	2	B	67	66	62.8	62.9	63.5	No	The Waterways residence
NB01	RNB01-010	2	B	67	66	64.6	64.7	65.3	No	The Waterways residence
NB01	RNB01-011	2	B	67	66	64.3	64.4	65.0	No	The Waterways residence
NB01	RNB01-012	1	B	67	66	62.6	62.7	63.5	No	The Waterways residence
NB01	RNB01-013	1	B	67	66	62.7	62.7	63.6	No	The Waterways residence
NB01	RNB01-014	2	B	67	66	62.6	62.7	63.5	No	The Waterways residence
NB01	RNB01-015	7	B	67	66	66.4	66.5	**67.2**	Yes	The Waterways residence
NB01	RNB01-016	7	B	67	66	63.2	63.3	63.9	No	The Waterways residence
NB01	RNB01-017	7	B	67	66	63.0	63.1	64.0	No	The Waterways residence
NB01	RNB01-018	7	B	67	66	62.9	63.0	64.1	No	The Waterways residence
NB01	RNB01-019	4	B	67	66	62.8	62.9	63.8	No	The Waterways residence
NB01	RNB01-020	4	B	67	66	66.3	66.4	**67.5**	Yes	The Waterways residence
NB01	RNB01-021	8	B	67	66	62.9	63.0	64.3	No	The Waterways residence
NB01	RNB01-022	5	B	67	66	63.0	63.0	64.3	No	The Waterways residence
NB01	RNB01-023	4	B	67	66	62.9	63.0	64.3	No	The Waterways residence
NB01	RNB01-024	5	B	67	66	63.1	63.2	64.4	No	The Waterways residence
NB01	RNB01-025	5	B	67	66	62.7	62.8	63.9	No	The Waterways residence
NB01	RNB01-026	4	B	67	66	62.9	63.0	64.2	No	The Waterways residence
NB01	RNB01-027	2	B	67	66	62.8	62.9	64.0	No	The Waterways residence
NB01	RNB01-028	2	B	67	66	62.5	62.6	63.9	No	The Waterways residence
NB01	RNB01-029	3	B	67	66	65.5	65.6	**66.2**	Yes	The Waterways residence
NB01	RNB01-030	3	B	67	66	64.5	64.6	65.3	No	The Waterways residence
NB01	RNB01-031	3	B	67	66	63.5	63.5	64.3	No	The Waterways residence
NB01	RNB01-032	3	B	67	66	62.9	62.9	63.8	No	The Waterways residence
NB01	RNB01-033	3	B	67	66	62.5	62.6	63.4	No	The Waterways residence
NB01	RNB01-034	3	B	67	66	62.3	62.4	63.3	No	The Waterways residence
NB01	RNB01-035	3	B	67	66	62.2	62.3	63.3	No	The Waterways residence
NB01	RNB01-036	3	B	67	66	62.0	62.1	63.2	No	The Waterways residence
NB01	RNB01-037	3	B	67	66	61.7	61.7	63.0	No	The Waterways residence
NB01	RNB01-038	3	B	67	66	61.5	61.6	62.7	No	The Waterways residence
NB01	RNB01-039	3	B	67	66	61.4	61.5	62.6	No	The Waterways residence
NB01	RNB01-040	3	B	67	66	61.2	61.3	62.5	No	The Waterways residence
NB01	RNB01-041	2	B	67	66	62.0	62.1	63.2	No	The Waterways residence
NB01	RNB01-042	2	B	67	66	62.1	62.2	63.5	No	The Waterways residence
NB01	RNB01-043	2	B	67	66	62.4	62.5	63.7	No	The Waterways residence
NB01	RNB01-044	2	B	67	66	62.6	62.7	63.9	No	The Waterways residence
NB01	RNB01-045	4	B	67	66	63.1	63.2	64.7	No	The Waterways residence
NB01	RNB01-046	4	B	67	66	63.0	63.1	64.4	No	The Waterways residence
NB01	RNB01-047	4	B	67	66	62.9	63.0	64.3	No	The Waterways residence
NB01	RNB01-048	4	B	67	66	62.9	63.0	64.1	No	The Waterways residence
NB01	RNB01-049	2	B	67	66	62.2	62.2	63.3	No	The Waterways residence
NB01	RNB01-050	2	B	67	66	61.9	62.0	63.1	No	The Waterways residence
NB01	RNB01-051	5	B	67	66	61.7	61.8	62.9	No	The Waterways residence
NB01	RNB01-052	5	B	67	66	61.5	61.6	62.7	No	The Waterways residence
NB01	RNB01-053	4	B	67	66	61.2	61.3	62.3	No	The Waterways residence
NB01	RNB01-054	3	B	67	66	62.6	62.7	63.5	No	The Waterways residence
NB01	RNB01-055	3	B	67	66	61.2	61.3	62.7	No	The Waterways residence
NB01	RNB01-056	3	B	67	66	63.4	63.5	64.7	No	The Waterways residence
NB01	RNB01-057	1	B	67	66	61.7	61.8	63.4	No	The Waterways residence
NB01	RNB01-058	3	B	67	66	63.8	63.9	65.2	No	The Waterways residence
NB01	RNB01-059	3	B	67	66	64.1	64.2	65.6	No	The Waterways residence
NB01	RNB01-060	3	B	67	66	61.9	62.0	63.7	No	The Waterways residence
NB01	RNB01-061	3	B	67	66	63.4	63.5	65.0	No	The Waterways residence
NB01	RNB01-062	2	B	67	66	62.9	63.0	64.3	No	The Waterways residence
NB01	RNB01-063	2	B	67	66	66.4	66.5	**67.6**	Yes	The Waterways residence
NB01	RNB01-064	18	B	67	66	73.3	73.3	**74.5**	Yes	The Waterways residence
NB01	RNB01-065	6	B	67	66	72.3	72.3	**74.0**	Yes	The Waterways residence
NB01	RNB01-066	6	B	67	66	66.2	66.3	**67.8**	Yes	The Waterways residence
NB01	RNB01-067	6	B	67	66	72.1	72.1	**74.7**	Yes	The Waterways residence
NB01	RNB01-068	6	B	67	66	66.4	66.5	**68.3**	Yes	The Waterways residence
NB01	RNB01-069	3	B	67	66	71.5	71.6	**74.0**	Yes	The Waterways residence
NB01	RNB01-070	3	B	67	66	71.1	71.1	**73.5**	Yes	The Waterways residence
NB01	RNB01-071	3	B	67	66	70.6	70.6	**73.2**	Yes	The Waterways residence
NB01	RNB01-072	1	B	67	66	70.6	70.6	**73.2**	Yes	The Waterways residence
NB01	RNB01-073	1	B	67	66	70.4	70.5	**73.1**	Yes	The Waterways residence
NB01	RNB01-074	1	B	67	66	70.3	70.4	**73.0**	Yes	The Waterways residence
NB01	RNB01-075	3	B	67	66	67.4	67.6	**68.6**	Yes	The Waterways residence
NB01	RNB01-076	3	B	67	66	64.6	65.1	65.1	No	The Waterways residence
NB01	RNB01-077	3	B	67	66	66.6	66.7	**67.9**	Yes	The Waterways residence
NB01	RNB01-078	3	B	67	66	66.1	66.2	**67.4**	Yes	The Waterways residence

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
NB01	RNB01-079	8	B	67	66	62.1	62.2	64.1	No	The Waterways residence
NB01	RNB01-080	2	B	67	66	62.9	63.0	64.3	No	The Waterways residence
NB01	RNB01-081	3	B	67	66	62.7	63.1	63.7	No	The Waterways residence
NB01	RNB01-082	3	B	67	66	62.8	63.3	63.5	No	The Waterways residence
NB01	RNB01-083	1	B	67	66	61.4	61.5	63.0	No	The Waterways residence
NB01	RNB01-084	4	B	67	66	60.9	61.0	62.3	No	The Waterways residence
NB01	RNB01-085	2	B	67	66	60.6	60.8	62.2	No	The Waterways residence
NB01	RNB01-086	3	B	67	66	61.2	61.4	62.1	No	The Waterways residence
NB01	RNB01-087	4	B	67	66	60.0	60.1	61.3	No	The Waterways residence
NB01	RNB01-088	3	B	67	66	60.8	61.0	62.0	No	The Waterways residence
NB01	RNB01-089	5	B	67	66	59.8	61.8	61.8	No	The Waterways residence
NB01	RNB01-090	3	B	67	66	58.9	59.5	60.1	No	The Waterways residence
NB01	RNB01-091	2	B	67	66	58.2	58.8	59.7	No	The Waterways residence
NB03	RNB03-001a	1	B	67	66	65.9	63.4	**68.5**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-001b	1	B	67	66	70.5	66.8	**72.6**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-002a	2	B	67	66	65.8	62.2	**68.5**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-002b	2	B	67	66	70.4	65.3	**72.6**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-002c	2	B	67	66	71.5	67.9	**73.6**	Yes	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-003a	1	B	67	66	66.2	61.1	**68.6**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-003b	1	B	67	66	70.5	63.7	**72.7**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-004a	2	B	67	66	67.7	60.7	**70.5**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-004b	2	B	67	66	70.3	63.0	**72.5**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-005a	1	B	67	66	60.2	61.5	61.8	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-005b	1	B	67	66	63.5	64.8	65.2	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-006a	2	B	67	66	58.1	59.2	59.8	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-006b	2	B	67	66	61.5	62.6	63.0	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-006c	2	B	67	66	64.0	64.9	65.5	No	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-007a	1	B	67	66	58.7	55.7	60.8	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-007b	1	B	67	66	62.2	58.8	64.2	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-008a	2	B	67	66	64.2	56.7	**67.0**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-008b	2	B	67	66	66.8	59.8	**69.0**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-008c	2	B	67	66	67.4	61.1	**69.6**	Yes	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-009a	2	B	67	66	65.0	54.8	**67.9**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-009b	2	B	67	66	67.2	57.0	**69.6**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-009c	2	B	67	66	68.0	58.6	**70.3**	Yes	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-010a	2	B	67	66	64.4	65.0	**66.5**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-011a	2	B	67	66	57.3	56.4	59.7	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-012a	2	B	67	66	64.4	65.2	**66.5**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-012b	2	B	67	66	67.9	68.6	**69.6**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-012c	2	B	67	66	68.9	69.5	**70.6**	Yes	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-013a	1	B	67	66	60.7	55.3	63.4	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-013b	1	B	67	66	62.9	57.9	65.2	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-014a	1	B	67	66	62.5	53.6	65.4	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-014b	1	B	67	66	64.8	55.7	**67.3**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-015a	2	B	67	66	57.0	52.1	59.8	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-015b	2	B	67	66	58.7	53.5	60.9	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-015c	2	B	67	66	59.9	55.5	62.1	No	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-016a	2	B	67	66	59.3	56.4	61.9	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-016b	2	B	67	66	61.3	58.6	63.5	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-016c	1	B	67	66	62.6	60.0	64.7	No	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-017a	2	B	67	66	61.9	54.8	64.8	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-017b	2	B	67	66	64.3	57.0	**66.8**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-017c	1	B	67	66	65.6	58.9	**67.9**	Yes	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-018a	2	B	67	66	65.1	66.2	**66.8**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-019a	2	B	67	66	58.3	56.5	60.6	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-020a	3	B	67	66	55.7	56.9	57.4	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-020b	3	B	67	66	59.2	60.5	60.8	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-020c	2	B	67	66	59.9	61.1	61.6	No	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-021a	1	B	67	66	60.0	55.0	62.6	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-021b	1	B	67	66	63.1	59.1	65.4	No	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-022a	2	B	67	66	65.5	66.6	**67.3**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-023a	1	B	67	66	63.4	64.0	65.3	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-024a	1	B	67	66	65.1	66.6	**66.7**	Yes	Quiet Waters Apts - 1st floor unit
NB03	RNB03-025a	2	B	67	66	61.1	61.8	62.9	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-025b	2	B	67	66	64.4	65.0	**66.1**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-025c	2	B	67	66	65.4	66.1	**67.2**	Yes	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-026a	2	B	67	66	62.9	64.3	64.3	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-026b	2	B	67	66	65.1	66.5	**66.7**	Yes	Quiet Waters Apts - 2nd floor unit
NB03	RNB03-026c	2	B	67	66	65.5	66.8	**67.0**	Yes	Quiet Waters Apts - 3rd floor unit
NB03	RNB03-027a	2	B	67	66	59.9	59.5	61.6	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-028a	2	B	67	66	60.9	61.7	61.9	No	Quiet Waters Apts - 1st floor unit
NB03	RNB03-029	3	B	67	66	69.9	60.5	**72.0**	Yes	Riverglen residence
NB03	RNB03-030	12	B	67	66	70.2	60.0	**72.0**	Yes	Riverglen residence
NB03	RNB03-031	11	B	67	66	65.9	58.0	**68.3**	Yes	Riverglen residence
NB03	RNB03-032	2	B	67	66	66.3	58.8	**68.2**	Yes	Riverglen residence
NB03	RNB03-033	1	B	67	66	66.2	58.9	**68.5**	Yes	Riverglen residence
NB03	RNB03-034	1	B	67	66	67.1	58.8	**69.9**	Yes	Riverglen residence
NB03	RNB03-035	1	B	67	66	66.0	58.1	**68.9**	Yes	Riverglen residence
NB03	RNB03-036	1	B	67	66	64.2	55.2	**66.4**	Yes	Riverglen residence
NB03	RNB03-037	10	B	67	66	64.7	55.8	**66.9**	Yes	Riverglen residence
NB03	RNB03-038	1	B	67	66	61.5	54.9	63.3	No	Riverglen residence
NB03	RNB03-039	3	B	67	66	64.9	56.4	**67.4**	Yes	Riverglen residence
NB03	RNB03-040	4	B	67	66	64.4	56.6	**67.1**	Yes	Riverglen residence

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
NB03	RNB03-041	3	B	67	66	65.7	56.2	**67.9**	Yes	Riverglen residence
NB03	RNB03-042	2	B	67	66	64.0	54.9	**66.0**	Yes	Riverglen residence
NB03	RNB03-043	3	B	67	66	64.5	55.6	**66.7**	Yes	Riverglen residence
NB03	RNB03-044	11	B	67	66	63.0	56.5	65.7	No	Riverglen residence
NB03	RNB03-045	2	B	67	66	63.5	54.8	65.7	No	Riverglen residence
NB03	RNB03-046	5	B	67	66	62.7	55.2	65.2	No	Riverglen residence
NB03	RNB03-047	1	B	67	66	63.3	55.2	65.6	No	Riverglen residence
NB03	RNB03-048	1	B	67	66	62.9	55.0	65.2	No	Riverglen residence
NB03	RNB03-049	1	B	67	66	61.7	54.5	64.2	No	Riverglen residence
NB03	RNB03-050	11	B	67	66	61.4	55.2	64.0	No	Riverglen residence
NB03	RNB03-051	17	B	67	66	69.9	60.1	**71.7**	Yes	Riverglen residence
NB03	RNB03-052	16	B	67	66	68.4	59.3	**70.2**	Yes	Riverglen residence
NB03	RNB03-053	6	B	67	66	64.6	55.9	**66.7**	Yes	Riverglen residence
NB03	RNB03-054	2	B	67	66	64.6	56.3	**66.5**	Yes	Riverglen residence
NB03	RNB03-055	8	B	67	66	64.9	59.6	**66.8**	Yes	Riverglen residence
NB03	RNB03-056	2	B	67	66	66.3	56.4	**68.2**	Yes	Riverglen residence
NB03	RNB03-057	13	B	67	66	65.3	56.8	**67.2**	Yes	Riverglen residence
NB03	RNB03-058	4	B	67	66	63.3	54.8	65.6	No	Riverglen residence
NB03	RNB03-059	4	B	67	66	64.1	55.5	**66.3**	Yes	Riverglen residence
NB03	RNB03-060	3	B	67	66	62.3	56.6	64.9	No	Riverglen residence
NB03	RNB03-061	2	B	67	66	61.4	57.3	64.1	No	Riverglen residence
NB03	RNB03-062	5	B	67	66	62.4	55.6	64.6	No	Riverglen residence
NB03	RNB03-063	4	B	67	66	71.3	61.8	**73.5**	Yes	Riverglen residence
NB03	RNB03-064	2	B	67	66	70.8	61.6	**72.8**	Yes	Riverglen residence
NB03	RNB03-065	1	B	67	66	71.1	66.0	**73.1**	Yes	Riverglen residence
NB03	RNB03-066	1	B	67	66	68.5	65.7	**70.6**	Yes	Riverglen residence
NB03	RNB03-067	1	B	67	66	67.4	65.4	**69.2**	Yes	Riverglen residence
NB03	RNB03-068	1	B	67	66	65.9	64.3	**67.9**	Yes	Riverglen residence
NB03	RNB03-069	2	B	67	66	66.8	61.6	**68.8**	Yes	Riverglen residence
NB03	RNB03-070	1	B	67	66	65.2	60.8	**67.3**	Yes	Riverglen residence
NB03	RNB03-071	1	B	67	66	65.5	64.0	**67.3**	Yes	Riverglen residence
NB03	RNB03-072	2	B	67	66	64.4	60.8	**66.4**	Yes	Riverglen residence
NB03	RNB03-073	1	B	67	66	64.2	63.0	65.9	No	Riverglen residence
NB03	RNB03-074	3	B	67	66	63.7	61.1	**66.2**	Yes	Riverglen residence
NB03	RNB03-075	1	B	67	66	63.6	62.6	65.2	No	Riverglen residence
NB03	RNB03-076	2	B	67	66	62.6	60.0	64.9	No	Riverglen residence
NB03	RNB03-077	1	B	67	66	62.8	61.7	64.8	No	Riverglen residence
NB03	RNB03-078	4	B	67	66	61.8	59.9	64.0	No	Riverglen residence
NB03	RNB03-079	1	B	67	66	61.7	60.7	64.0	No	Riverglen residence
NB03	RNB03-080	2	B	67	66	61.1	59.5	63.4	No	Riverglen residence
NB03	RNB03-081	1	B	67	66	61.1	60.2	63.1	No	Riverglen residence
NB03	RNB03-082	2	B	67	66	60.6	59.2	63.0	No	Riverglen residence
NB03	RNB03-083	1	B	67	66	60.4	59.6	62.8	No	Riverglen residence
NB03	RNB03-084	2	B	67	66	60.0	58.6	62.5	No	Riverglen residence
SB01	RSB01-001a	1	B	67.0	66.0	56.9	57.1	59.1	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-001b	1	B	67.0	66.0	60.6	60.9	62.1	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-002a	1	B	67.0	66.0	56.5	56.7	58.8	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-002b	1	B	67.0	66.0	60.0	60.3	61.7	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-003a	2	B	67.0	66.0	58.9	59.4	59.6	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-003b	2	B	67.0	66.0	63.1	63.6	63.9	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-003c	1	B	67.0	66.0	63.2	63.7	64.1	No	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-004a	2	B	67.0	66.0	56.9	57.4	57.7	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-004b	2	B	67.0	66.0	61.4	61.9	62.1	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-004c	1	B	67.0	66.0	61.6	62.1	62.3	No	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-005a	2	B	67.0	66.0	61.4	61.7	64.0	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-005b	2	B	67.0	66.0	65.3	65.6	**67.3**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-005c	1	B	67.0	66.0	66.1	66.3	**68.2**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-006a	2	B	67.0	66.0	60.5	60.7	63.5	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-006b	2	B	67.0	66.0	64.6	64.9	**66.7**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-006c	1	B	67.0	66.0	65.4	65.6	**67.7**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-007a	1	B	67.0	66.0	60.5	60.8	63.7	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-007b	1	B	67.0	66.0	64.7	65.0	**66.9**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-007c	1	B	67.0	66.0	65.6	65.8	**67.9**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-008a	1	B	67.0	66.0	60.9	61.2	64.2	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-008b	1	B	67.0	66.0	64.8	65.1	**67.2**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-008c	1	B	67.0	66.0	65.9	66.1	**68.3**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-009a	1	B	67.0	66.0	60.9	61.1	64.5	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-009b	1	B	67.0	66.0	64.6	64.9	**67.3**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-009c	1	B	67.0	66.0	65.9	66.1	**68.5**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-010a	1	B	67.0	66.0	61.9	62.1	65.5	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-010b	1	B	67.0	66.0	65.1	65.4	**67.9**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-010c	1	B	67.0	66.0	66.5	66.7	**69.3**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-011a	1	B	67.0	66.0	59.6	59.7	63.0	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-011b	1	B	67.0	66.0	61.9	61.9	64.8	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-011c	1	B	67.0	66.0	62.7	62.7	65.4	No	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-012a	1	B	67.0	66.0	60.8	60.8	64.0	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-012b	1	B	67.0	66.0	62.8	62.8	65.7	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-012c	1	B	67.0	66.0	63.6	63.7	**66.3**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-013a	1	B	67.0	66.0	62.5	62.5	65.7	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-013b	1	B	67.0	66.0	64.2	64.2	**67.1**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-013c	1	B	67.0	66.0	65.0	65.0	**67.8**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-014a	1	B	67.0	66.0	64.8	64.8	**68.0**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-014b	1	B	67.0	66.0	66.3	66.3	**69.3**	Yes	Banyan Pointe Apts - 2nd floor unit

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
SB01	RSB01-014c	1	B	67.0	66.0	67.2	67.2	**70.2**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-015a	2	B	67.0	66.0	54.7	54.9	56.6	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-015b	2	B	67.0	66.0	57.2	57.6	58.7	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-016a	2	B	67.0	66.0	59.9	60.0	63.1	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-016b	2	B	67.0	66.0	62.5	62.5	65.1	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-016c	2	B	67.0	66.0	63.3	63.4	65.8	No	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-017a	4	B	67.0	66.0	61.2	61.2	64.5	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-017b	4	B	67.0	66.0	63.7	63.7	**66.4**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-017c	4	B	67.0	66.0	64.4	64.5	**67.1**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-018a	4	B	67.0	66.0	62.8	62.8	**66.1**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-018b	4	B	67.0	66.0	65.4	65.4	**68.1**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-018c	4	B	67.0	66.0	66.0	66.0	**68.7**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-019a	2	B	67.0	66.0	60.3	60.3	63.6	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-019b	2	B	67.0	66.0	62.9	62.9	65.5	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-020a	2	B	67.0	66.0	63.4	63.4	**66.7**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-020b	2	B	67.0	66.0	65.5	65.5	**68.5**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-020c	2	B	67.0	66.0	66.4	66.4	**69.2**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-021a	4	B	67.0	66.0	56.9	57.0	59.5	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-021b	4	B	67.0	66.0	58.8	58.9	60.9	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-021c	2	B	67.0	66.0	60.4	60.5	62.5	No	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-022a	2	B	67.0	66.0	60.9	60.9	63.8	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-022b	2	B	67.0	66.0	63.0	63.0	65.0	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-022c	2	B	67.0	66.0	64.1	64.1	**66.1**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-023a	2	B	67.0	66.0	61.7	61.7	64.7	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-023b	2	B	67.0	66.0	63.5	63.5	65.6	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-024a	2	B	67.0	66.0	55.0	55.1	57.9	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-024b	2	B	67.0	66.0	57.3	57.4	59.6	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-025a	2	B	67.0	66.0	62.8	62.8	65.8	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-025b	2	B	67.0	66.0	64.8	64.8	**67.0**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-025c	2	B	67.0	66.0	65.7	65.7	**67.9**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-026a	2	B	67.0	66.0	57.2	57.3	60.5	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-026b	2	B	67.0	66.0	59.7	59.7	62.3	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-026c	2	B	67.0	66.0	60.7	60.7	63.2	No	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-027a	2	B	67.0	66.0	64.1	64.1	**67.2**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-027b	2	B	67.0	66.0	66.1	66.1	**68.6**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-028a	4	B	67.0	66.0	62.6	62.7	65.6	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-028b	4	B	67.0	66.0	65.0	65.2	**67.4**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-028c	4	B	67.0	66.0	66.2	66.4	**68.9**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-029a	4	B	67.0	66.0	72.4	72.5	**76.6**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-029b	4	B	67.0	66.0	73.6	73.6	**77.6**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-029c	4	B	67.0	66.0	74.7	74.7	**78.1**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-030a	8	B	67.0	66.0	59.1	59.1	63.1	No	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-030b	8	B	67.0	66.0	60.2	60.2	64.3	No	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-030c	6	B	67.0	66.0	61.8	61.8	65.5	No	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-031a	8	B	67.0	66.0	71.1	71.1	**74.7**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-031b	8	B	67.0	66.0	72.2	72.2	**75.5**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-031c	6	B	67.0	66.0	73.1	73.1	**76.4**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-032a	2	B	67.0	66.0	62.2	62.2	**66.0**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-032b	2	B	67.0	66.0	64.8	64.8	**67.9**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-032c	2	B	67.0	66.0	65.4	65.5	**68.6**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-033a	2	B	67.0	66.0	67.1	67.1	**70.3**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-033b	2	B	67.0	66.0	69.1	69.1	**71.7**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-033c	2	B	67.0	66.0	69.7	69.7	**72.5**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-034a	2	B	67.0	66.0	67.8	67.8	**71.2**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-034b	2	B	67.0	66.0	69.9	69.9	**73.0**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-034c	2	B	67.0	66.0	70.6	70.6	**73.8**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-035a	2	B	67.0	66.0	70.3	70.3	**73.5**	Yes	Banyan Pointe Apts - 1st floor unit
SB01	RSB01-035b	2	B	67.0	66.0	72.2	72.2	**75.3**	Yes	Banyan Pointe Apts - 2nd floor unit
SB01	RSB01-035c	2	B	67.0	66.0	72.8	72.8	**76.1**	Yes	Banyan Pointe Apts - 3rd floor unit
SB01	RSB01-036	2	B	67.0	66.0	63.6	63.6	**66.6**	Yes	Winston Park residence
SB01	RSB01-037	2	B	67.0	66.0	64.0	64.0	**67.1**	Yes	Winston Park residence
SB01	RSB01-038	2	B	67.0	66.0	64.7	64.7	**67.7**	Yes	Winston Park residence
SB01	RSB01-039	4	B	67.0	66.0	62.2	62.2	64.5	No	Winston Park residence
SB01	RSB01-040	1	B	67.0	66.0	62.0	61.7	64.3	No	Winston Park residence
SB01	RSB01-041	3	B	67.0	66.0	62.5	62.1	64.8	No	Winston Park residence
SB01	RSB01-042	5	B	67.0	66.0	63.4	63.1	65.6	No	Winston Park residence
SB01	RSB01-043	7	B	67.0	66.0	63.8	63.6	**66.0**	Yes	Winston Park residence
SB01	RSB01-044	19	B	67.0	66.0	64.2	64.2	**66.4**	Yes	Coco Lakes residence
SB01	RSB01-045	3	B	67.0	66.0	65.2	65.1	**67.6**	Yes	Coco Lakes residence
SB01	RSB01-046	27	B	67.0	66.0	65.0	65.0	**67.4**	Yes	Coco Lakes residence
SB01	RSB01-047	27	B	67.0	66.0	65.4	65.4	**68.0**	Yes	Coco Lakes residence
SB01	RSB01-048	4	B	67.0	66.0	69.9	69.9	**72.0**	Yes	Coco Lakes residence
SB01	RSB01-049	20	B	67.0	66.0	72.5	72.5	**75.1**	Yes	Coco Lakes residence
SB01	RSB01-050	20	B	67.0	66.0	75.7	75.7	**79.4**	Yes	Coco Lakes residence
SB01	RSB01-051	1	B	67.0	66.0	62.1	61.7	63.5	No	Coco Lakes residence
SB01	RSB01-052	1	B	67.0	66.0	62.8	62.4	63.8	No	Coco Lakes residence
SB01	RSB01-053	1	B	67.0	66.0	62.9	62.5	64.0	No	Coco Lakes residence
SB01	RSB01-054	1	B	67.0	66.0	63.5	63.1	64.4	No	Coco Lakes residence
SB01	RSB01-055	1	B	67.0	66.0	63.1	62.8	64.3	No	Coco Lakes residence
SB01	RSB01-056	1	B	67.0	66.0	63.9	63.5	64.8	No	Coco Lakes residence
SB01	RSB01-057	1	B	67.0	66.0	64.4	63.9	65.1	No	Coco Lakes residence
SB01	RSB01-058	1	B	67.0	66.0	65.2	64.6	65.5	No	Coco Lakes residence
SB01	RSB01-059	1	B	67.0	66.0	65.7	65.3	**66.2**	Yes	Coco Lakes residence

Predicted Noise Levels

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
SB01	RSB01-060	1	B	67.0	66.0	67.0	66.7	65.1	No	Coco Lakes residence
SB01	RSB01-061	36	B	67.0	66.0	72.5	72.6	**74.6**	Yes	Coco Lakes residence
SB01	RSB01-062	6	B	67.0	66.0	71.2	71.4	**73.1**	Yes	Coco Lakes residence
SB01	RSB01-063	4	B	67.0	66.0	70.1	70.0	**69.4**	Yes	Coco Lakes residence
SB02	RSB02-001	5	B	67.0	66.0	74.6	60.5	**77.9**	Yes	Tallowwood Isle - residence
SB02	RSB02-002	7	B	67.0	66.0	74.6	59.9	**78.7**	Yes	Tallowwood Isle - residence
SB02	RSB02-003	15	B	67.0	66.0	75.4	58.9	**80.4**	Yes	Tallowwood Isle - residence
SB02	RSB02-004	1	B	67.0	66.0	75.6	59.2	**80.7**	Yes	Tallowwood Isle - residence
SB02	RSB02-005	1	B	67.0	66.0	73.2	60.6	**76.9**	Yes	Tallowwood Isle - residence
SB02	RSB02-006	1	B	67.0	66.0	70.0	59.0	**73.0**	Yes	Tallowwood Isle - residence
SB02	RSB02-007	2	B	67.0	66.0	69.3	59.9	**72.0**	Yes	Tallowwood Isle - residence
SB02	RSB02-008	20	B	67.0	66.0	69.4	59.8	**72.8**	Yes	Tallowwood Isle - residence
SB02	RSB02-009	1	B	67.0	66.0	70.3	59.6	**72.9**	Yes	Tallowwood Isle - residence
SB02	RSB02-010	1	B	67.0	66.0	68.2	58.2	**71.3**	Yes	Tallowwood Isle - residence
SB02	RSB02-011	1	B	67.0	66.0	69.4	58.7	**71.5**	Yes	Tallowwood Isle - residence
SB02	RSB02-012	2	B	67.0	66.0	67.6	58.8	**70.1**	Yes	Tallowwood Isle - residence
SB02	RSB02-013	2	B	67.0	66.0	65.8	58.1	**67.5**	Yes	Tallowwood Isle - residence
SB02	RSB02-014	2	B	67.0	66.0	66.4	58.6	**69.7**	Yes	Tallowwood Isle - residence
SB02	RSB02-015	3	B	67.0	66.0	65.0	59.1	**68.0**	Yes	Tallowwood Isle - residence
SB02	RSB02-016	3	B	67.0	66.0	65.4	56.8	**68.1**	Yes	Tallowwood Isle - residence
SB02	RSB02-017	3	B	67.0	66.0	62.4	55.2	64.6	No	Tallowwood Isle - residence
SB02	RSB02-018	14	B	67.0	66.0	66.5	58.8	**69.1**	Yes	Tallowwood Isle - residence
SB02	RSB02-019	5	B	67.0	66.0	66.0	58.8	**69.0**	Yes	Tallowwood Isle - residence
SB02	RSB02-020	4	B	67.0	66.0	65.4	58.2	**68.2**	Yes	Tallowwood Isle - residence
SB02	RSB02-021	1	B	67.0	66.0	61.5	56.9	64.7	No	Tallowwood Isle - residence
SB02	RSB02-022	5	B	67.0	66.0	62.5	58.4	65.7	No	Tallowwood Isle - residence
SB02	RSB02-023	11	B	67.0	66.0	64.6	57.0	**67.0**	Yes	Tallowwood Isle - residence
SB02	RSB02-024	3	B	67.0	66.0	64.0	56.9	**66.3**	Yes	Tallowwood Isle - residence
SB02	RSB02-025	1	B	67.0	66.0	61.0	55.4	63.1	No	Tallowwood Isle - residence
SB02	RSB02-026	4	B	67.0	66.0	64.0	56.7	**66.4**	Yes	Tallowwood Isle - residence
SB02	RSB02-027	2	B	67.0	66.0	62.5	55.7	65.0	No	Tallowwood Isle - residence
SB02	RSB02-028	2	B	67.0	66.0	58.8	54.8	61.3	No	Tallowwood Isle - residence
SB02	RSB02-029	1	B	67.0	66.0	62.7	56.0	65.2	No	Tallowwood Isle - residence
SB02	RSB02-030	1	B	67.0	66.0	62.0	55.7	64.6	No	Tallowwood Isle - residence
SB02	RSB02-031	13	B	67.0	66.0	63.8	57.0	**66.6**	Yes	Tallowwood Isle - residence
SB02	RSB02-032	2	B	67.0	66.0	63.5	57.1	**66.4**	Yes	Tallowwood Isle - residence
SB02	RSB02-033	3	B	67.0	66.0	59.9	56.2	62.8	No	Tallowwood Isle - residence
SB02	RSB02-034	1	B	67.0	66.0	58.8	55.8	61.7	No	Tallowwood Isle - residence
SB02	RSB02-035	2	B	67.0	66.0	60.5	55.5	63.4	No	Tallowwood Isle - residence
SB02	RSB02-036	3	B	67.0	66.0	62.9	57.0	65.8	No	Tallowwood Isle - residence
SB02	RSB02-037	2	B	67.0	66.0	62.3	56.3	65.1	No	Tallowwood Isle - residence
SB02	RSB02-038	4	B	67.0	66.0	61.9	56.6	64.6	No	Tallowwood Isle - residence
SB02	RSB02-039	2	B	67.0	66.0	59.1	55.5	61.4	No	Tallowwood Isle - residence
SB02	RSB02-040	1	B	67.0	66.0	60.6	55.4	63.4	No	Tallowwood Isle - residence
SB02	RSB02-041	13	B	67.0	66.0	62.3	56.1	64.8	No	Tallowwood Isle - residence
SB03	RSB03-001a	8	B	67.0	66.0	69.4	59.5	**71.8**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-001b	8	B	67.0	66.0	73.8	61.0	**77.2**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-002a	2	B	67.0	66.0	68.7	58.7	**71.0**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-002b	2	B	67.0	66.0	73.1	60.2	**76.4**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-003a	2	B	67.0	66.0	64.9	55.0	**66.9**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-003b	2	B	67.0	66.0	69.0	56.6	**71.9**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-004a	4	B	67.0	66.0	72.3	60.4	**74.1**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-004b	4	B	67.0	66.0	74.9	62.3	**78.6**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-005a	8	B	67.0	66.0	65.2	56.2	**67.3**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-005b	8	B	67.0	66.0	67.5	58.1	**70.5**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-006a	4	B	67.0	66.0	72.7	60.8	**76.0**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-006b	4	B	67.0	66.0	74.4	62.9	**78.2**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-007a	2	B	67.0	66.0	63.4	54.2	**66.0**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-007b	2	B	67.0	66.0	65.5	56.5	**68.4**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-008a	2	B	67.0	66.0	57.6	52.8	60.2	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-008b	2	B	67.0	66.0	60.1	56.0	62.7	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-009a	8	B	67.0	66.0	73.3	60.9	**75.2**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-009b	8	B	67.0	66.0	74.9	63.2	**78.5**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-010a	2	B	67.0	66.0	68.6	57.6	**71.1**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-010b	2	B	67.0	66.0	70.6	60.0	**74.3**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-011a	2	B	67.0	66.0	57.3	52.6	60.1	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-011b	2	B	67.0	66.0	60.3	55.9	63.0	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-012a	4	B	67.0	66.0	59.0	54.9	61.7	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-012b	4	B	67.0	66.0	61.4	57.3	64.1	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-013a	2	B	67.0	66.0	58.4	55.6	60.9	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-013b	2	B	67.0	66.0	60.6	58.1	63.1	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-014a	2	B	67.0	66.0	58.7	56.2	61.2	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-014b	2	B	67.0	66.0	60.9	58.8	63.3	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-015a	2	B	67.0	66.0	58.1	55.5	60.5	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-015b	2	B	67.0	66.0	60.3	58.4	62.7	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-016a	2	B	67.0	66.0	59.3	55.8	61.8	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-016b	2	B	67.0	66.0	61.4	58.9	63.9	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-017a	2	B	67.0	66.0	59.3	55.9	61.8	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-017b	2	B	67.0	66.0	61.4	59.1	63.9	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-018a	4	B	67.0	66.0	59.1	55.9	61.7	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-018b	4	B	67.0	66.0	61.3	59.0	64.0	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-019a	4	B	67.0	66.0	58.8	56.2	61.5	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-019b	4	B	67.0	66.0	61.2	59.1	64.0	No	Bell Coconut Creek Apts - 2nd floor unit

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
SB03	RSB03-020a	2	B	67.0	66.0	60.0	56.7	62.2	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-020b	2	B	67.0	66.0	62.5	59.9	65.1	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-021a	6	B	67.0	66.0	58.5	55.8	60.5	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-021b	6	B	67.0	66.0	61.2	58.6	63.8	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-022a	4	B	67.0	66.0	60.0	56.4	61.9	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-022b	4	B	67.0	66.0	62.7	59.5	65.1	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-023a	6	B	67.0	66.0	58.6	59.4	60.5	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-023b	6	B	67.0	66.0	62.7	63.8	64.4	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-024a	6	B	67.0	66.0	60.8	56.6	63.2	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-024b	6	B	67.0	66.0	63.2	59.1	65.7	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-025a	4	B	67.0	66.0	64.3	57.6	**66.8**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-025b	4	B	67.0	66.0	66.6	59.9	**69.2**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-026a	6	B	67.0	66.0	60.5	58.8	62.7	No	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-026b	6	B	67.0	66.0	62.8	61.2	65.0	No	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-027a	6	B	67.0	66.0	66.6	64.1	**71.0**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-027b	6	B	67.0	66.0	68.8	66.3	**72.8**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-028a	4	B	67.0	66.0	69.9	58.4	**72.7**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-028b	4	B	67.0	66.0	71.7	60.5	**75.1**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB03	RSB03-029a	6	B	67.0	66.0	72.5	63.2	**76.7**	Yes	Bell Coconut Creek Apts - 1st floor unit
SB03	RSB03-029b	6	B	67.0	66.0	74.7	65.1	**78.9**	Yes	Bell Coconut Creek Apts - 2nd floor unit
SB04	RSB04-001a	4	B	67.0	66.0	73.5	61.0	**78.0**	Yes	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-001b	4	B	67.0	66.0	75.2	63.4	**79.5**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-002a	2	B	67.0	66.0	70.7	60.4	**75.3**	Yes	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-002b	2	B	67.0	66.0	72.6	62.8	**77.0**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-003a	4	B	67.0	66.0	70.0	61.2	**74.6**	Yes	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-003b	4	B	67.0	66.0	72.1	63.7	**76.3**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-004a	4	B	67.0	66.0	63.9	61.0	**68.0**	Yes	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-004b	4	B	67.0	66.0	66.6	63.6	**70.2**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-005a	2	B	67.0	66.0	63.1	57.0	**67.2**	Yes	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-005b	2	B	67.0	66.0	65.8	58.4	**69.0**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-006a	4	B	67.0	66.0	63.1	56.7	**67.2**	Yes	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-006b	4	B	67.0	66.0	65.7	58.3	**68.9**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-007a	4	B	67.0	66.0	61.6	61.7	64.4	No	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-007b	4	B	67.0	66.0	64.1	64.3	**66.8**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-008a	2	B	67.0	66.0	62.8	62.4	65.4	No	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-008b	2	B	67.0	66.0	65.3	65.4	**67.8**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-009a	4	B	67.0	66.0	63.5	63.3	65.8	No	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-009b	4	B	67.0	66.0	66.1	66.6	**68.4**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-010a	4	B	67	66.0	60.9	61.2	63.0	No	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-010b	4	B	67	66.0	64.5	65.3	**66.4**	Yes	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-011a	2	B	67	66.0	58.3	54.4	61.5	No	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-011b	2	B	67	66.0	60.0	56.5	62.8	No	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-012a	4	B	67	66.0	58.8	54.3	62.1	No	Waterway at Coconut Creek Apts - 1st floor unit
SB04	RSB04-012b	4	B	67	66.0	60.1	56.1	63.1	No	Waterway at Coconut Creek Apts - 2nd floor unit
SB04	RSB04-013	1	B	67	66.0	73.7	60.8	**77.6**	Yes	Wildwood at Adios - Residence
SB04	RSB04-014	2	B	67	66.0	70.1	60.5	**73.9**	Yes	Wildwood at Adios - Residence
SB04	RSB04-015	2	B	67	66.0	68.2	60.7	**71.9**	Yes	Wildwood at Adios - Residence
SB04	RSB04-016	2	B	67	66.0	66.5	60.3	**70.1**	Yes	Wildwood at Adios - Residence
SB04	RSB04-017	2	B	67	66.0	65.2	59.9	**68.6**	Yes	Wildwood at Adios - Residence
SB04	RSB04-018	2	B	67	66.0	63.9	59.5	**67.2**	Yes	Wildwood at Adios - Residence
SB04	RSB04-020	2	B	67	66.0	62.7	59.0	65.9	No	Wildwood at Adios - Residence
SB04	RSB04-021	2	B	67	66.0	61.8	58.5	65.0	No	Wildwood at Adios - Residence
SB04	RSB04-022	2	B	67	66.0	60.9	57.9	64.1	No	Wildwood at Adios - Residence
SB04	RSB04-023	2	B	67	66.0	60.0	57.2	63.3	No	Wildwood at Adios - Residence
SB04	RSB04-024	2	B	67	66.0	59.3	56.7	62.7	No	Wildwood at Adios - Residence

Predicted Noise Levels

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
EB06	NEB06-001	1	C	67.0	66.0	57.6	58.0	63.0	No	St. Andrews at Winston Park pool area
EB06	NEB06-002	1	C	67.0	66.0	55.5	55.8	60.7	No	St. Andrews at Winston Park tennis courts
EB08	NEB08-001	1	C	67.0	66.0	61.1	61.6	**70.5**	Yes	SOS Children's Village playground
EB08	NEB08-002	1	C	67.0	66.0	67.2	67.5	**66.2**	Yes	SOS Children's Village gazebo
EB09	NEB09-001	1	C	67.0	66.0	63.6	63.3	**68.7**	Yes	Enclave Apts at Waterways pool
EB09	NEB09-002	1	C	67.0	66.0	57.0	56.5	59.7	No	Enclave Apts at Waterways dog park
EB11	NEB11-001.1	1	C	67.0	66.0	58.3	58.6	60.2	No	Independence Bay condos clubhouse patio
EB11	NEB11-001.2	1	C	67.0	66.0	58.4	59.3	60.8	No	Independence Bay condos clubhouse pool
EB12	NEB12-001	1	E	72.0	71.0	69.0	69.8	70.2	No	Dunkin outdoor table
WB02	NWB02-001	1	E	72.0	71.0	65.8	65.8	66.2	No	Residents Inn Pool
WB02	NWB02-002	1	E	72.0	71.0	61.2	61.4	66.8	No	Hampton Inn Spa/Pool
WB03	NWB03-001	1	C	67.0	66.0	57.6	57.9	63.0	No	Club Caribe Playground
WB03	NWB03-002	1	C	67.0	66.0	59.8	59.9	**72.8**	Yes	Club Caribe Tennis Courts
WB03	NWB03-003	1	C	67.0	66.0	52.9	53.0	63.3	No	Eagle Cay at Regency Lakes Pool
WB04	NWB04-001	1	E	72.0	71.0	66.1	66.3	67.1	No	El Dorado Shopping Center Bench
WB06	NWB06-001	1	C	67.0	66.0	57.3	57.6	64.2	No	Village of Sorbet pool
WB08	NWB08-001	1	C	67.0	66.0	61.0	61.9	61.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.1	1	C	67.0	66.0	64.3	65.7	63.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.2	1	C	67.0	66.0	62.6	64.1	62.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.3	1	C	67.0	66.0	61.6	62.6	61.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.4	1	C	67.0	66.0	60.5	61.2	61.0	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.5	1	C	67.0	66.0	59.6	60.2	60.3	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.6	1	C	67.0	66.0	59.2	59.5	59.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.7	1	C	67.0	66.0	59.0	59.4	60.3	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.8	1	C	67.0	66.0	58.6	58.9	59.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-001.9	1	C	67.0	66.0	58.5	58.7	59.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.10	1	C	67.0	66.0	57.9	58.3	59.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.11	1	C	67.0	66.0	61.6	62.5	61.8	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.12	1	C	67.0	66.0	60.6	61.5	61.2	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.13	1	C	67.0	66.0	60.1	60.8	60.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.14	1	C	67.0	66.0	59.7	60.2	60.2	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.15	1	C	67.0	66.0	59.1	59.7	59.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.16	1	C	67.0	66.0	58.9	59.3	59.7	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.17	1	C	67.0	66.0	58.0	58.5	59.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.18	1	C	67.0	66.0	58.1	58.5	59.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.19	1	C	67.0	66.0	57.8	58.2	59.4	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.20	1	C	67.0	66.0	57.6	58.0	59.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.21	1	C	67.0	66.0	57.4	57.8	59.3	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.22	1	C	67.0	66.0	61.4	62.0	61.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.23	1	C	67.0	66.0	60.2	61.0	60.7	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.24	1	C	67.0	66.0	59.6	60.0	60.3	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.25	1	C	67.0	66.0	58.9	59.5	60.1	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.26	1	C	67.0	66.0	58.4	58.9	59.7	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.27	1	C	67.0	66.0	58.0	58.5	59.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.28	1	C	67.0	66.0	57.2	57.8	59.1	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.29	1	C	67.0	66.0	57.9	58.4	58.7	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.30	1	C	67.0	66.0	58.0	58.3	58.8	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.31	1	C	67.0	66.0	57.8	58.3	58.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.32	1	C	67.0	66.0	67.0	66.8	61.4	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.33	1	C	67.0	66.0	64.2	64.4	61.4	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.34	1	C	67.0	66.0	62.0	62.8	61.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.35	1	C	67.0	66.0	59.9	61.0	60.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.36	1	C	67.0	66.0	59.5	60.1	60.1	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.37	1	C	67.0	66.0	58.9	59.5	59.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.38	1	C	67.0	66.0	58.5	59.1	59.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.39	1	C	67.0	66.0	58.0	58.7	59.8	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.40	1	C	67.0	66.0	57.7	58.3	59.7	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.41	1	C	67.0	66.0	69.0	68.9	63.0	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.42	1	C	67.0	66.0	65.8	66.2	62.7	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.43	1	C	67.0	66.0	63.3	64.0	62.4	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.44	1	C	67.0	66.0	61.5	62.6	61.7	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.45	1	C	67.0	66.0	60.1	61.5	61.0	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.46	1	C	67.0	66.0	59.4	60.6	60.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.47	1	C	67.0	66.0	69.6	70.0	63.3	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.48	1	C	67.0	66.0	65.8	66.6	63.4	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.49	1	C	67.0	66.0	63.0	64.3	62.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.50	1	C	67.0	66.0	61.2	62.6	61.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.51	1	C	67.0	66.0	69.3	69.3	62.3	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.52	1	C	67.0	66.0	65.4	67.0	63.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.53	1	C	67.0	66.0	63.3	64.9	63.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.54	1	C	67.0	66.0	68.6	70.6	63.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.55	1	C	67.0	66.0	65.0	67.2	64.5	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.56	1	C	67.0	66.0	62.9	65.1	64.6	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.57	1	C	67.0	66.0	63.1	65.9	65.6	No	Quiet Waters Mountain Bike Trail

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
WB08	NWB08-01.58	1	C	67.0	66.0	63.2	66.4	**66.4**	Yes	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.59	1	C	67.0	66.0	63.5	67.6	**67.4**	Yes	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.60	1	C	67.0	66.0	61.6	65.1	65.9	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.61	1	C	67.0	66.0	60.0	63.4	64.4	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.62	1	C	67.0	66.0	59.8	62.1	63.3	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.63	1	C	67.0	66.0	59.3	61.3	62.4	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.64	1	C	67.0	66.0	58.8	60.8	62.0	No	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.65	1	C	67.0	66.0	63.3	67.9	**68.5**	Yes	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.66	1	C	67.0	66.0	62.1	66.2	**66.9**	Yes	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.67	1	C	67.0	66.0	64.8	70.7	**71.7**	Yes	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.68	1	C	67.0	66.0	62.8	67.9	**68.6**	Yes	Quiet Waters Mountain Bike Trail
WB08	NWB08-01.69	1	C	67.0	66.0	64.6	71.1	**72.4**	Yes	Quiet Waters Mountain Bike Trail
WB08	NWB08-002	1	C	67.0	66.0	59.0	67.2	**69.0**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.1	1	C	67.0	66.0	59.1	65.2	**67.1**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.2	1	C	67.0	66.0	59.1	64.4	**66.2**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.3	1	C	67.0	66.0	61.9	69.7	**71.1**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.4	1	C	67.0	66.0	61.6	66.8	**68.5**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.5	1	C	67.0	66.0	61.3	65.4	**67.0**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.6	1	C	67.0	66.0	60.7	64.4	**66.0**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.7	1	C	67.0	66.0	60.2	68.6	**70.6**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.8	1	C	67.0	66.0	61.3	67.3	**69.1**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.9	1	C	67.0	66.0	60.8	66.0	**67.9**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.10	1	C	67.0	66.0	60.4	64.9	**66.8**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.11	1	C	67.0	66.0	65.3	72.9	**74.8**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.12	1	C	67.0	66.0	60.9	69.0	**70.8**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.13	1	C	67.0	66.0	58.5	65.9	**67.9**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.14	1	C	67.0	66.0	58.2	64.1	**66.1**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.15	1	C	67.0	66.0	58.6	63.1	64.9	No	Splash Adventure Waterpark
WB08	NWB08-002.16	1	C	67.0	66.0	64.2	72.1	**74.1**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.17	1	C	67.0	66.0	61.2	68.2	**70.2**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.18	1	C	67.0	66.0	59.0	65.4	**67.5**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.19	1	C	67.0	66.0	57.9	63.7	**66.0**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.20	1	C	67.0	66.0	64.9	72.4	**74.2**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.21	1	C	67.0	66.0	61.0	68.7	**70.7**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.22	1	C	67.0	66.0	59.1	65.6	**67.7**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.23	1	C	67.0	66.0	57.9	63.5	65.6	No	Splash Adventure Waterpark
WB08	NWB08-002.24	1	C	67.0	66.0	64.4	71.7	**73.9**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.25	1	C	67.0	66.0	61.3	67.9	**70.1**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.26	1	C	67.0	66.0	59.0	64.9	**67.2**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.27	1	C	67.0	66.0	57.6	62.9	65.2	No	Splash Adventure Waterpark
WB08	NWB08-002.28	1	C	67.0	66.0	64.0	69.7	**72.8**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.29	1	C	67.0	66.0	61.1	66.1	**69.2**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.30	1	C	67.0	66.0	59.3	63.7	**66.4**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.31	1	C	67.0	66.0	58.0	62.0	64.6	No	Splash Adventure Waterpark
WB08	NWB08-002.32	1	C	67.0	66.0	63.4	65.2	**71.4**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.33	1	C	67.0	66.0	61.3	64.0	**68.4**	Yes	Splash Adventure Waterpark
WB08	NWB08-002.34	1	C	67.0	66.0	59.7	62.7	65.9	No	Splash Adventure Waterpark
WB08	NWB08-002.35	1	C	67.0	66.0	58.5	61.3	64.1	No	Splash Adventure Waterpark
WB08	NWB08-002.36	1	C	67.0	66.0	57.4	60.2	62.7	No	Splash Adventure Waterpark
WB08	NWB08-002.37	1	C	67.0	66.0	59.2	61.6	64.2	No	Splash Adventure Waterpark
WB08	NWB08-002.38	1	C	67.0	66.0	58.2	60.3	62.8	No	Splash Adventure Waterpark
WB08	NWB08-002.39	1	C	67.0	66.0	57.5	59.4	61.8	No	Splash Adventure Waterpark
WB08	NWB08-003	1	C	67.0	66.0	59.4	62.4	64.0	No	Quiet Waters - Future Camping Cabin
WB08	NWB08-004	1	C	67.0	66.0	57.0	58.6	60.4	No	Quiet Waters - Campsite #17
WB08	NWB08-005	1	C	67.0	66.0	63.6	64.8	65.6	No	Quiet Waters Picnic Area
WB08	NWB08-005.01	1	C	67.0	66.0	60.9	62.1	63.2	No	Quiet Waters Picnic Area
WB08	NWB08-005.02	1	C	67.0	66.0	59.3	60.6	61.9	No	Quiet Waters Picnic Area
WB08	NWB08-005.03	1	C	67.0	66.0	58.3	59.6	61.1	No	Quiet Waters Picnic Area
WB08	NWB08-005.04	1	C	67.0	66.0	65.2	66.4	**67.1**	Yes	Quiet Waters Picnic Area
WB08	NWB08-005.05	1	C	67.0	66.0	61.7	62.9	63.8	No	Quiet Waters Picnic Area
WB08	NWB08-005.06	1	C	67.0	66.0	59.8	60.9	62.1	No	Quiet Waters Picnic Area
WB08	NWB08-005.07	1	C	67.0	66.0	58.5	59.7	61.0	No	Quiet Waters Picnic Area
WB08	NWB08-005.08	1	C	67.0	66.0	57.5	58.6	60.1	No	Quiet Waters Picnic Area
WB08	NWB08-005.09	1	C	67.0	66.0	65.9	67.0	**67.7**	Yes	Quiet Waters Picnic Area
WB08	NWB08-005.10	1	C	67.0	66.0	62.1	63.2	64.1	No	Quiet Waters Picnic Area
WB08	NWB08-005.11	1	C	67.0	66.0	59.8	61.0	62.1	No	Quiet Waters Picnic Area
NB01	NNB01-001	1	C	67.0	66.0	72.9	72.9	**71.5**	Yes	The Waterways - BB Court
NB01	NNB01-002	1	C	67.0	66.0	72.5	72.5	**72.2**	Yes	The Waterways - Pickleball Court
NB01	NNB01-002.1	1	C	67.0	66.0	72.6	72.6	**72.5**	Yes	The Waterways - Pickleball Court
NB01	NNB01-002.2	1	C	67.0	66.0	71.5	71.5	**71.3**	Yes	The Waterways - Tennis Court
NB01	NNB01-002.3	1	C	67.0	66.0	69.5	69.5	**69.8**	Yes	The Waterways - Volleyball Court
NB01	NNB01-003	1	C	67.0	66.0	63.7	63.8	64.6	No	The Waterways - Pool Area
NB01	NNB01-003.1	1	C	67.0	66.0	63.2	63.2	64.1	No	The Waterways - Pool Area
NB01	NNB01-004	1	C	67.0	66.0	63.9	63.9	64.7	No	The Waterways - Picnic/Playground Area

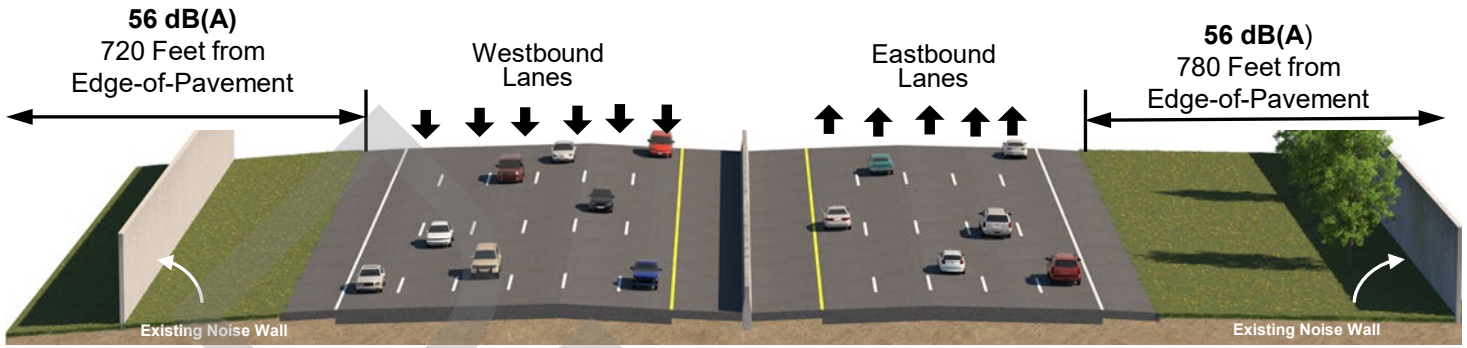
Predicted Noise Levels

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
NB01	NNB01-004.1	1	C	67.0	66.0	64.0	64.0	64.8	No	The Waterways - Picnic/Playground Area
NB01	NNB01-004.2	1	C	67.0	66.0	63.6	63.6	64.4	No	The Waterways - Picnic/Playground Area
NB01	NNB01-004.3	1	C	67.0	66.0	63.5	63.5	64.4	No	The Waterways - Picnic/Playground Area
NB01	NNB01-004.4	1	C	67.0	66.0	62.7	62.7	63.7	No	The Waterways - Picnic/Playground Area
NB02	NNB02-001	1	C	67.0	66.0	73.8	73.9	**74.0**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.1	1	C	67.0	66.0	72.3	72.4	**69.2**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.2	1	C	67.0	66.0	70.2	70.3	**68.1**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.3	1	C	67.0	66.0	67.9	68.0	**66.9**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.4	1	C	67.0	66.0	66.0	66.2	65.4	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.5	1	C	67.0	66.0	64.4	64.6	64.3	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.6	1	C	67.0	66.0	62.9	63.1	63.4	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.7	1	C	67.0	66.0	61.5	61.8	62.6	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.8	1	C	67.0	66.0	71.2	71.3	**72.4**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.9	1	C	67.0	66.0	70.4	70.5	**70.6**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.10	1	C	67.0	66.0	68.0	68.1	**69.0**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.11	1	C	67.0	66.0	66.3	66.4	**66.7**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.12	1	C	67.0	66.0	64.6	64.8	65.6	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.13	1	C	67.0	66.0	63.0	63.2	64.5	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.14	1	C	67.0	66.0	61.6	61.8	63.3	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.15	1	C	67.0	66.0	71.7	71.8	**73.5**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.16	1	C	67.0	66.0	71.2	71.3	**72.2**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.17	1	C	67.0	66.0	68.5	68.6	**68.8**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.18	1	C	67.0	66.0	66.6	66.8	**68.0**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.19	1	C	67.0	66.0	65.0	65.2	65.9	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.20	1	C	67.0	66.0	63.4	63.6	65.1	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.21	1	C	67.0	66.0	61.9	62.2	64.1	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.22	1	C	67.0	66.0	74.8	74.8	**74.2**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.23	1	C	67.0	66.0	70.9	71.0	**70.4**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.24	1	C	67.0	66.0	68.4	68.6	**69.3**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.25	1	C	67.0	66.0	66.6	66.8	**67.7**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.26	1	C	67.0	66.0	65.0	65.2	**66.6**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.27	1	C	67.0	66.0	63.5	63.7	65.4	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.28	1	C	67.0	66.0	62.2	62.5	64.4	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.29	1	C	67.0	66.0	70.7	70.8	**71.1**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.30	1	C	67.0	66.0	68.1	68.3	**69.4**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.31	1	C	67.0	66.0	66.3	66.5	**67.8**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.32	1	C	67.0	66.0	74.1	74.1	**75.0**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.33	1	C	67.0	66.0	70.0	70.1	**72.0**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.34	1	C	67.0	66.0	66.4	66.5	**68.2**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.35	1	C	67.0	66.0	65.0	65.2	**67.2**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.36	1	C	67.0	66.0	64.2	64.4	**66.2**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.37	1	C	67.0	66.0	63.1	63.4	65.4	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.38	1	C	67.0	66.0	62.6	62.9	64.8	No	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.39	1	C	67.0	66.0	75.5	75.6	**76.6**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.40	1	C	67.0	66.0	71.5	71.6	**73.3**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.41	1	C	67.0	66.0	75.6	75.6	**77.1**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.42	1	C	67.0	66.0	71.4	71.5	**73.5**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.43	1	C	67.0	66.0	75.5	75.6	**77.6**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.44	1	C	67.0	66.0	71.1	71.3	**73.6**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.45	1	C	67.0	66.0	68.4	68.9	**71.0**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.46	1	C	67.0	66.0	66.8	67.5	**69.4**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.47	1	C	67.0	66.0	66.0	66.9	**68.3**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.48	1	C	67.0	66.0	66.0	67.1	**68.3**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-001.49	1	C	67.0	66.0	67.4	68.8	**69.6**	Yes	Quiet Waters Mountain Bike Trail
NB02	NNB02-002	1	C	67.0	66.0	63.7	64.2	**66.1**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.1	1	C	67.0	66.0	64.2	64.4	65.3	No	Quiet Waters Marina and Lake
NB02	NNB02-002.2	1	C	67.0	66.0	63.8	64.0	65.3	No	Quiet Waters Marina and Lake
NB02	NNB02-002.3	1	C	67.0	66.0	63.3	63.5	64.9	No	Quiet Waters Marina and Lake
NB02	NNB02-002.4	1	C	67.0	66.0	67.0	67.2	**68.7**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.5	1	C	67.0	66.0	65.7	66.0	**67.7**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.6	1	C	67.0	66.0	65.3	65.6	**67.5**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.7	1	C	67.0	66.0	64.9	65.3	**67.0**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.8	1	C	67.0	66.0	64.4	64.8	**66.7**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.9	1	C	67.0	66.0	66.8	67.1	**68.4**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.10	1	C	67.0	66.0	65.6	65.9	**67.2**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.11	1	C	67.0	66.0	65.2	65.6	**67.1**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.12	1	C	67.0	66.0	65.0	65.5	**67.1**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-002.13	1	C	67.0	66.0	64.5	65.0	**66.8**	Yes	Quiet Waters Marina and Lake
NB02	NNB02-003	1	C	67.0	66.0	63.4	64.8	**66.4**	Yes	Quiet Waters Dog Park
NB03	NNB03-001	1	C	67.0	66.0	70.1	61.4	**72.4**	Yes	Riverglen Tennis Courts
NB03	NNB03-002	1	C	67.0	66.0	71.1	60.9	**72.9**	Yes	Riverglen Basketball Courts
NB03	NNB03-003	1	C	67.0	66.0	71.3	60.6	**73.2**	Yes	Riverglen Pool Deck
SB01	NSB01-001	1	C	67.0	66.0	60.1	60.1	63.2	No	Banyan Pointe Apts - Tennis Courts
SB01	NSB01-002	1	C	67.0	66.0	61.3	61.3	64.7	No	Banyan Pointe Apts - Playground

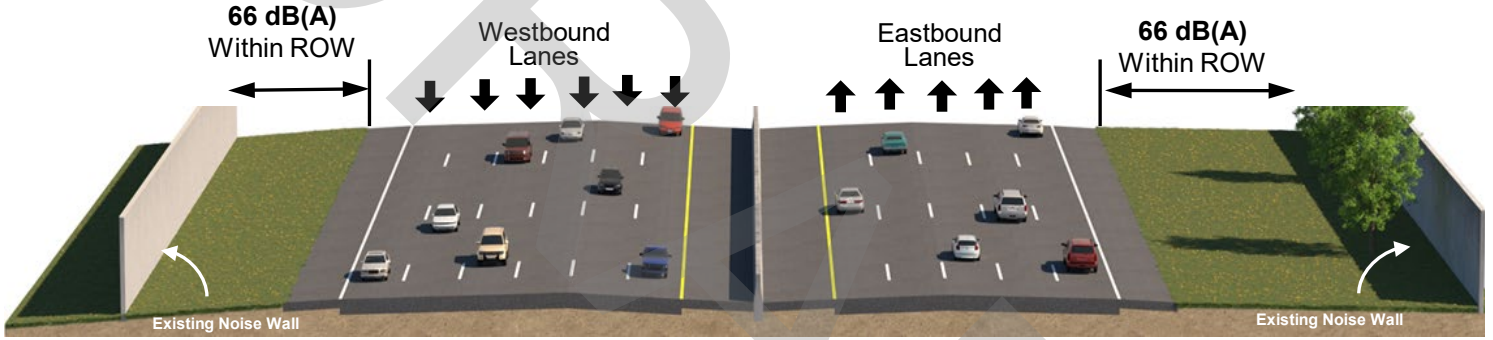
Predicted Noise Levels

Noise Sensitive Area (NSA)	Receptor Name	No. of Units	NAC	NAC Criterion (dB(A))	FDOT Criterion (dB(A))	2022 Existing LAeq1h (dB(A))	2045 No-Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	2045 Build LAeq1h (dB(A)) *Includes Planned Barriers by Others*	NAC Approach or Exceeded	Description
XX.X	Impacted Receptor									
SB01	NSB01-003	1	C	67.0	66.0	62.0	62.0	64.1	No	Winston Park - Playground
SB01	NSB01-004	1	C	67.0	66.0	62.7	62.7	65.0	No	Winston Park - Pool
SB02	NSB02-001	1	C	67.0	66.0	69.3	59.9	**72.3**	Yes	Tallowwood Isle - Pool area
SB03	NSB03-001	1	C	67.0	66.0	66.2	57.6	**69.1**	Yes	Bell Coconut Creek Apts - Dog walk
SB03	NSB03-002	1	C	67.0	66.0	59.7	55.8	62.2	No	Bell Coconut Creek Apts - Playground
SB04	NSB04-001	1	C	67.0	66.0	74.0	60.6	**78.5**	Yes	Waterway at Coconut Creek -Playground
SB04	NSB04-002	1	C	67.0	66.0	72.9	60.3	**76.4**	Yes	Wildwood at Adios - Playground
SB05	NSB05-001	1	C	67.0	66.0	69.7	65.0	**71.3**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.1	1	C	67.0	66.0	73.2	61.3	**75.6**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.2	1	C	67.0	66.0	69.7	61.9	**72.5**	Yes	Adios Golf Course Hole
SB05	NSB05-001.3	1	C	67.0	66.0	66.9	61.4	**68.6**	Yes	Adios Golf Course Hole
SB05	NSB05-001.4	1	C	67.0	66.0	72.8	63.1	**76.8**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.5	1	C	67.0	66.0	66.6	62.6	**67.0**	Yes	Adios Golf Course Hut
SB05	NSB05-001.6	1	C	67.0	66.0	65.4	63.1	**66.0**	Yes	Adios Golf Course Hole
SB05	NSB05-001.7	1	C	67.0	66.0	63.9	61.8	**67.0**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.8	1	C	67.0	66.0	63.4	61.9	**66.5**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.9	1	C	67.0	66.0	65.1	64.8	**68.0**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.10	1	C	67.0	66.0	65.3	65.0	**68.1**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.11	1	C	67.0	66.0	65.3	65.0	**68.0**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.12	1	C	67.0	66.0	65.3	65.1	**68.2**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.13	1	C	67.0	66.0	73.8	73.8	**77.2**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.14	1	C	67.0	66.0	73.3	73.3	**76.5**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.15	1	C	67.0	66.0	72.7	72.7	**76.1**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.16	1	C	67.0	66.0	71.4	71.4	**74.6**	Yes	Adios Golf Course Hole
SB05	NSB05-001.17	1	C	67.0	66.0	66.7	66.6	**69.8**	Yes	Adios Golf Course Hole
SB05	NSB05-001.18	1	C	67.0	66.0	65.3	65.3	**68.0**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.19	1	C	67.0	66.0	65.0	64.9	**67.7**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.20	1	C	67.0	66.0	64.5	64.5	**67.2**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.21	1	C	67.0	66.0	63.0	62.9	65.8	No	Adios Golf Course Hole
SB05	NSB05-001.22	1	C	67.0	66.0	69.1	69.1	**71.7**	Yes	Adios Golf Course Hole
SB05	NSB05-001.23	1	C	67.0	66.0	72.5	72.5	**75.1**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.24	1	C	67.0	66.0	71.6	71.6	**73.9**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.25	1	C	67.0	66.0	71.0	71.0	**73.0**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.26	1	C	67.0	66.0	63.6	63.6	**66.5**	Yes	Adios Golf Course Hole
SB05	NSB05-001.27	1	C	67.0	66.0	63.5	63.4	**66.7**	Yes	Adios Golf Course Tee Box
SB05	NSB05-001.28	1	C	67.0	66.0	62.4	62.4	65.6	No	Adios Golf Course Tee Box
SB05	NSB05-001.29	1	C	67.0	66.0	62.2	62.2	65.2	No	Adios Golf Course Tee Box
SB05	NSB05-001.30	1	C	67.0	66.0	60.5	60.4	64.7	No	Adios Golf Course Tee Box
SB05	NSB05-001.31	1	C	67.0	66.0	59.4	59.3	62.6	No	Adios Golf Course Hole
SB05	NSB05-001.32	1	C	67.0	66.0	59.6	58.0	63.3	No	Adios Golf Course Hole

APPENDIX C: Project Noise Contours



Activity Category A



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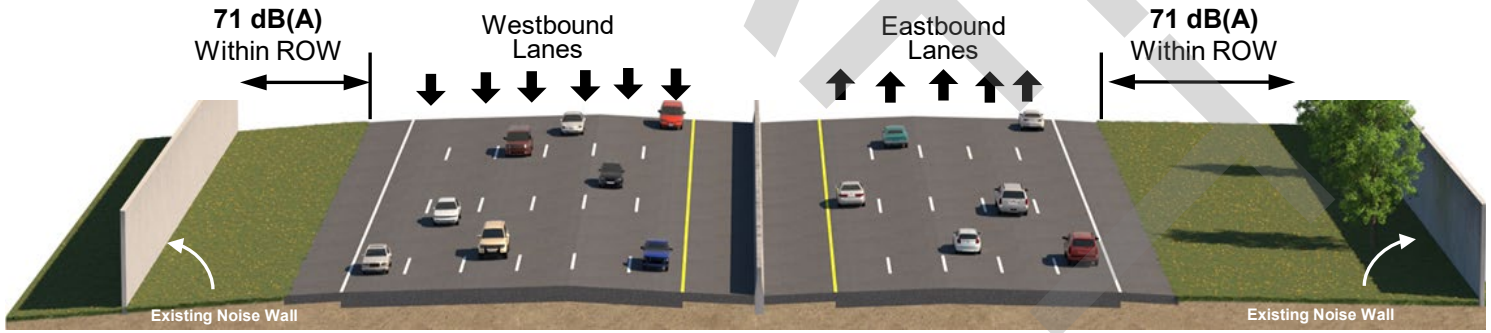
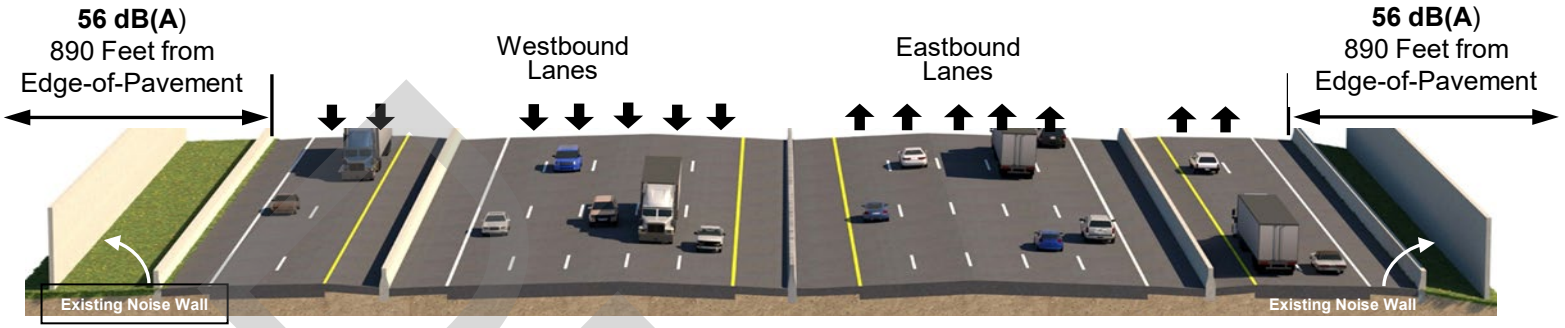
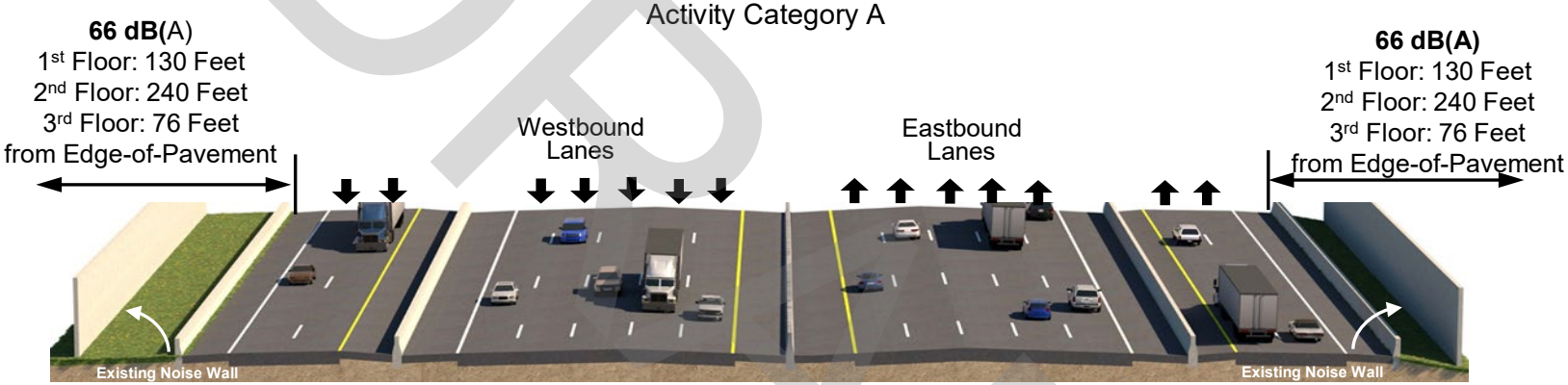


Activity Category E

Preferred Alternative Roadway Section West of US 441



Activity Category A



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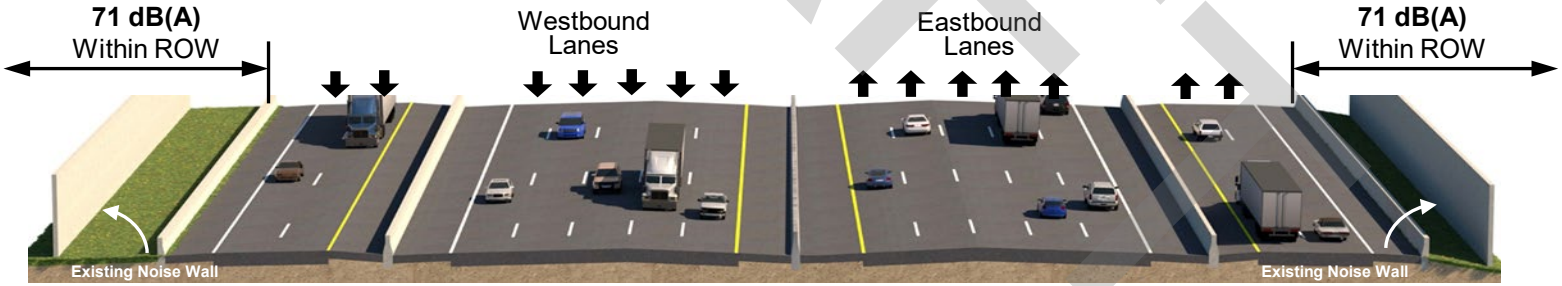
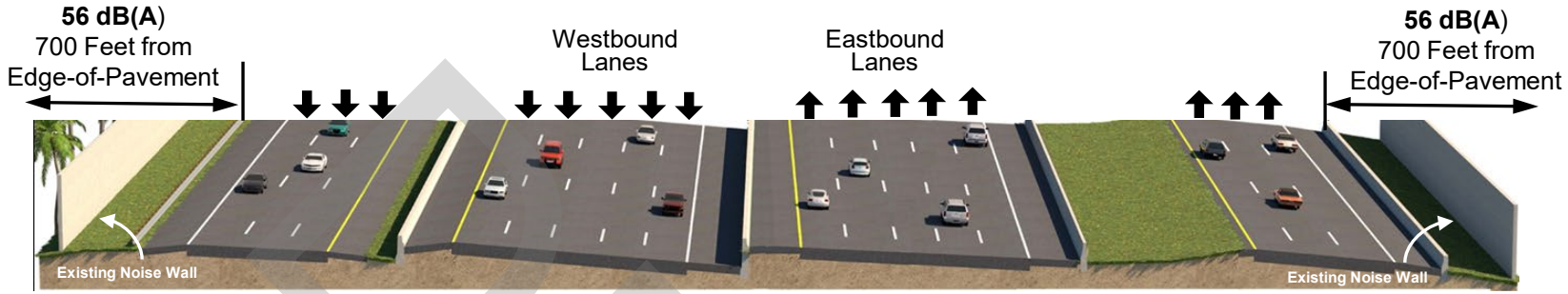
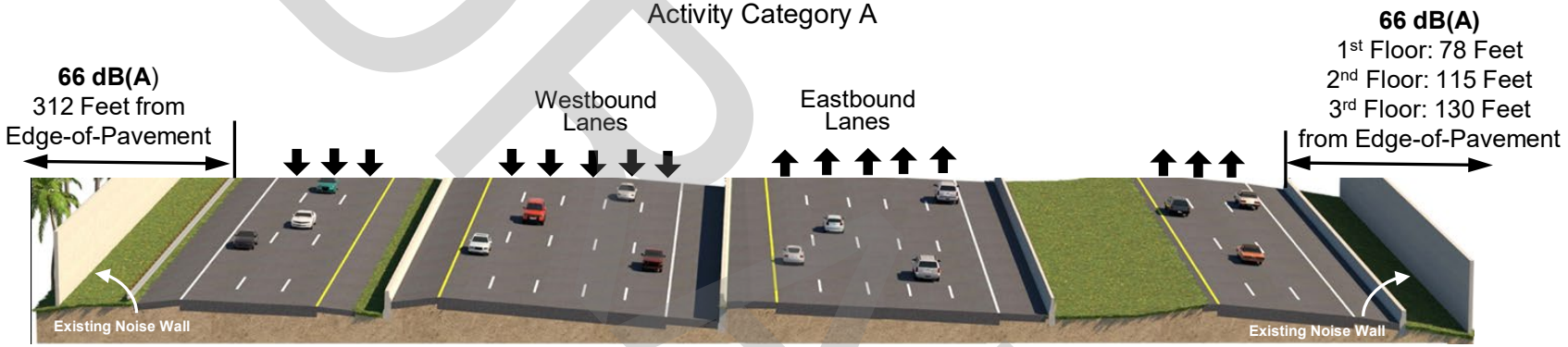


Activity Category E

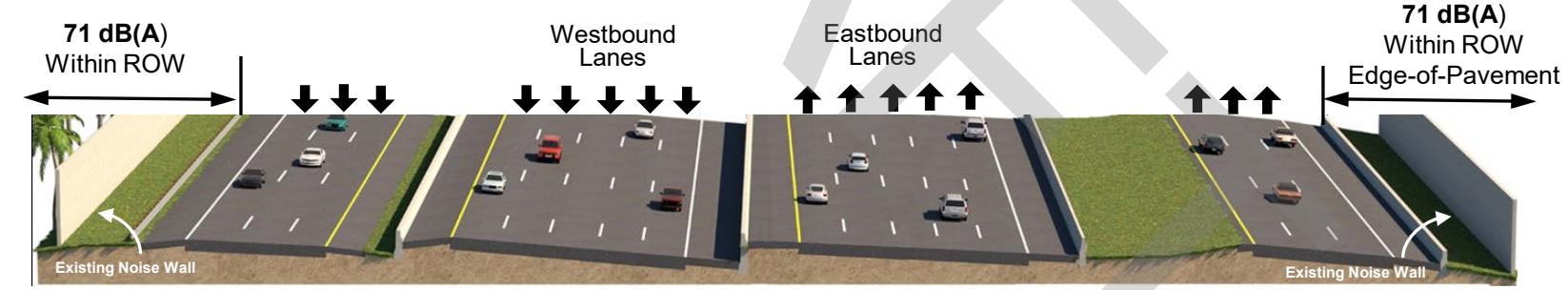
Preferred Alternative Roadway Section between US 441 and Lyons Road



Activity Category A

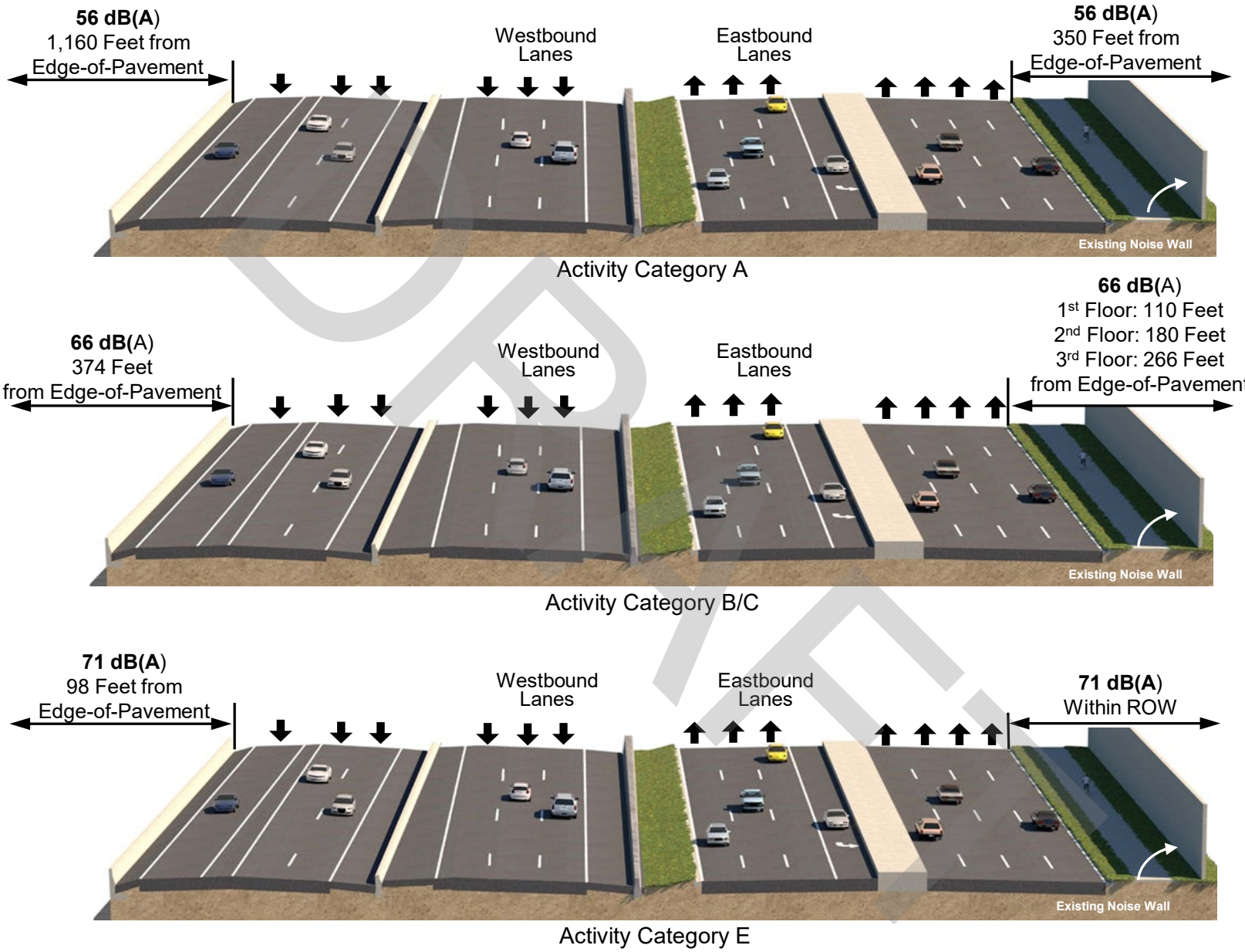


Activity Category B/C

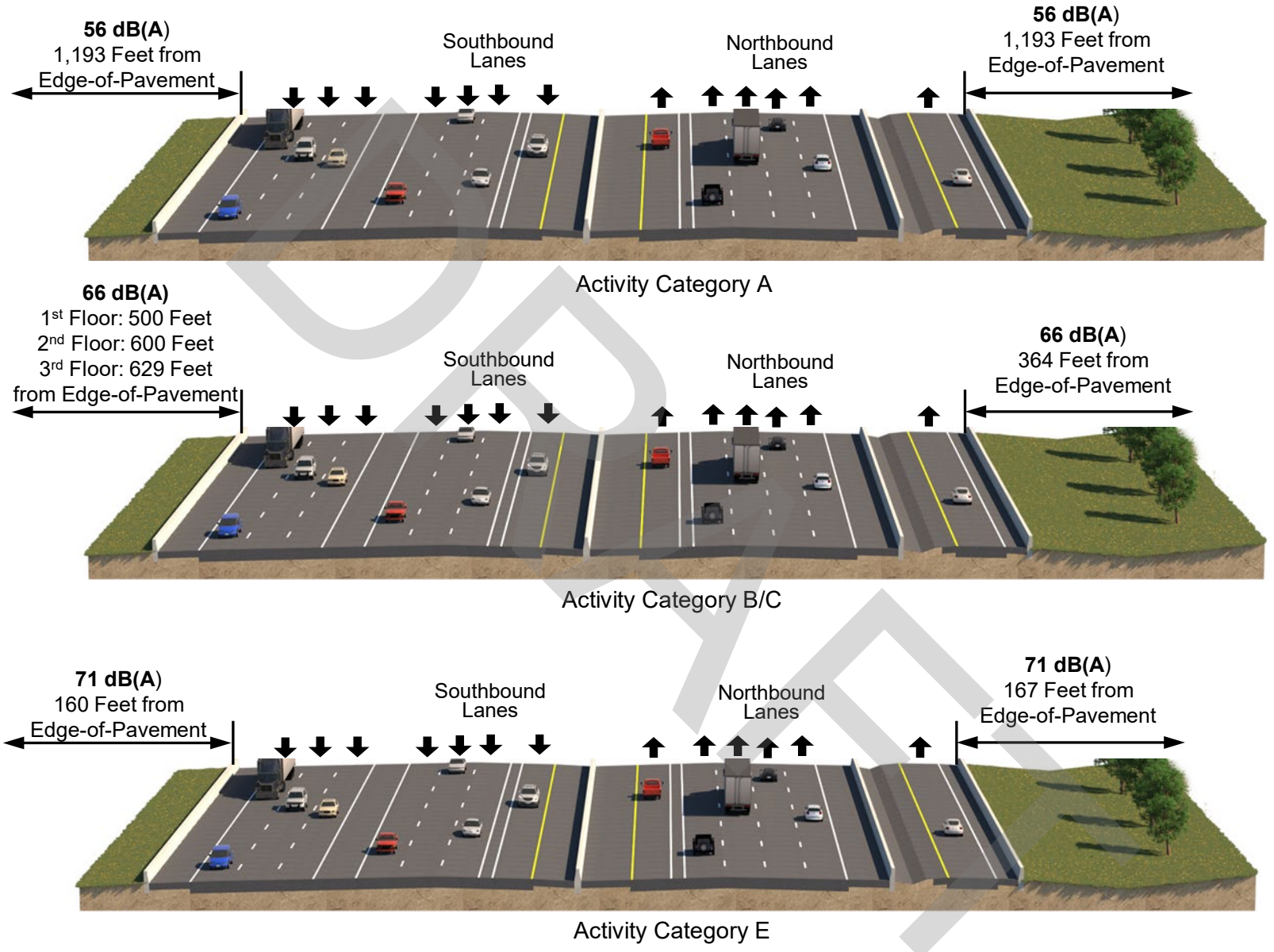


Activity Category E

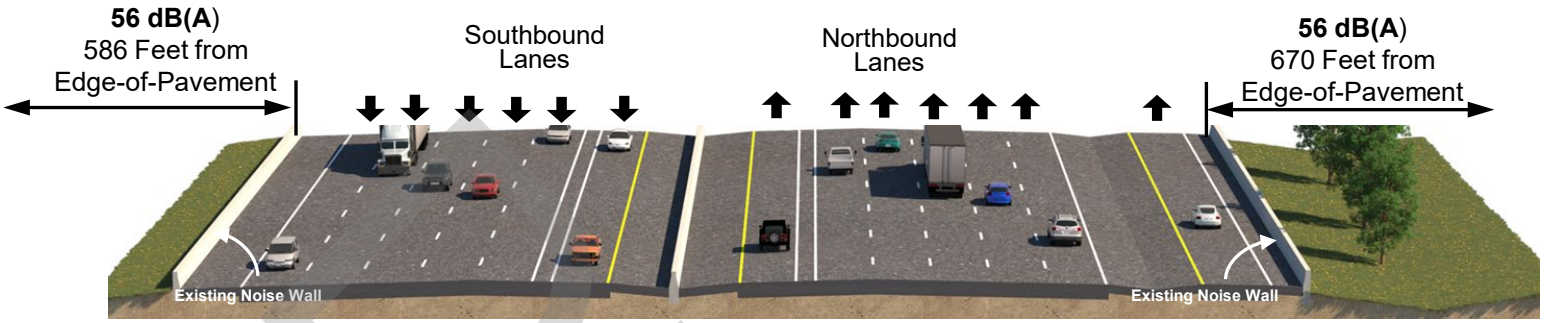
Preferred Alternative Roadway Section between Lyons Road and Florida's Turnpike



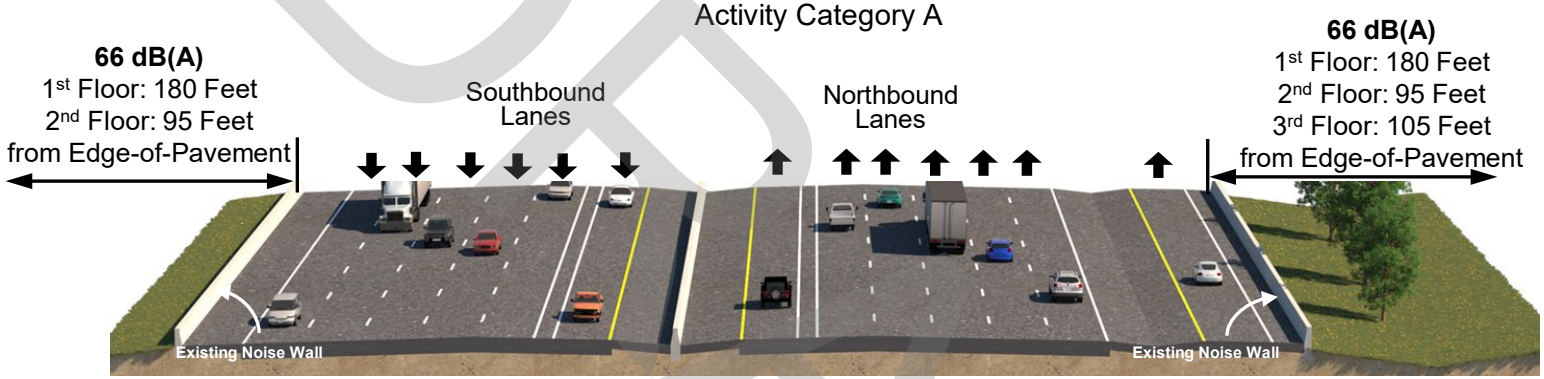
Preferred Alternative Roadway Section between Florida's Turnpike and Powerline Road



Preferred Alternative Roadway Section between Wiles Road and Sawgrass Expressway



Activity Category A



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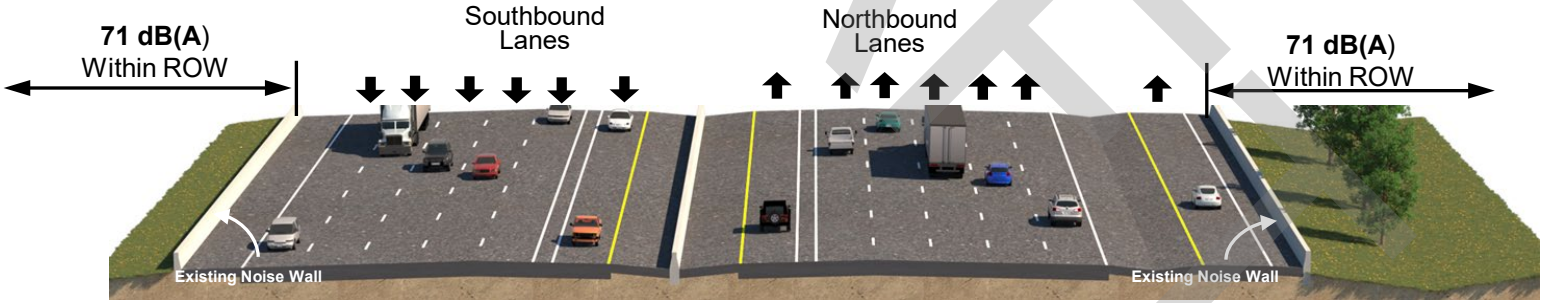
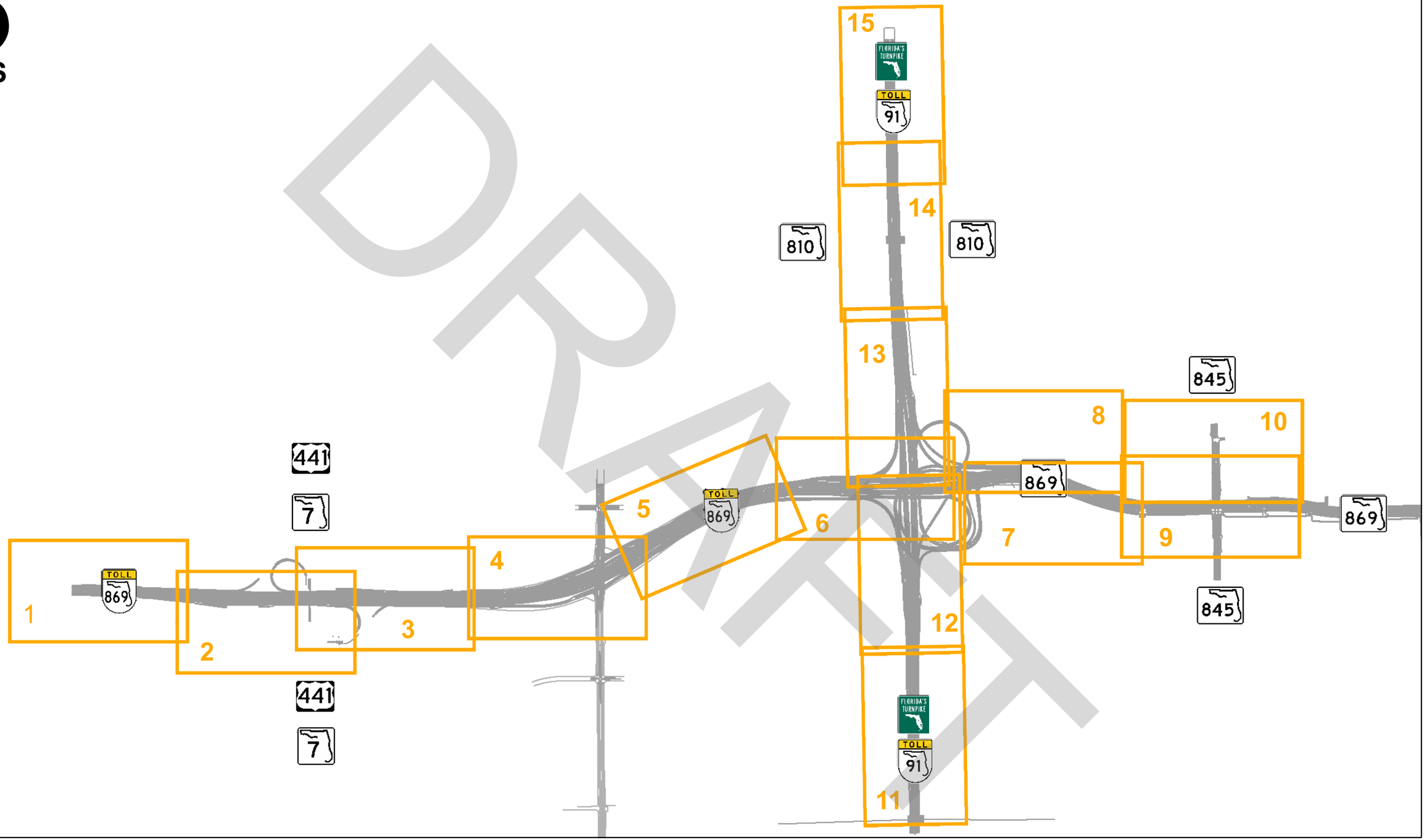


Activity Category E

Preferred Alternative Roadway Section between Sawgrass Expressway and the County Line

APPENDIX D: Project Aerials

NTS



Aerial Sheet Boundary

Widening of Sawgrass Expressway from US 441 to Powerline Rd PD&E Study

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Ponte Vedra Beach, FL 32082
P 904.273.0788

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

869	BROWARD	437153-1

NOISE STUDY REPORT PROJECT AERIALS

Sheet No.
Key

Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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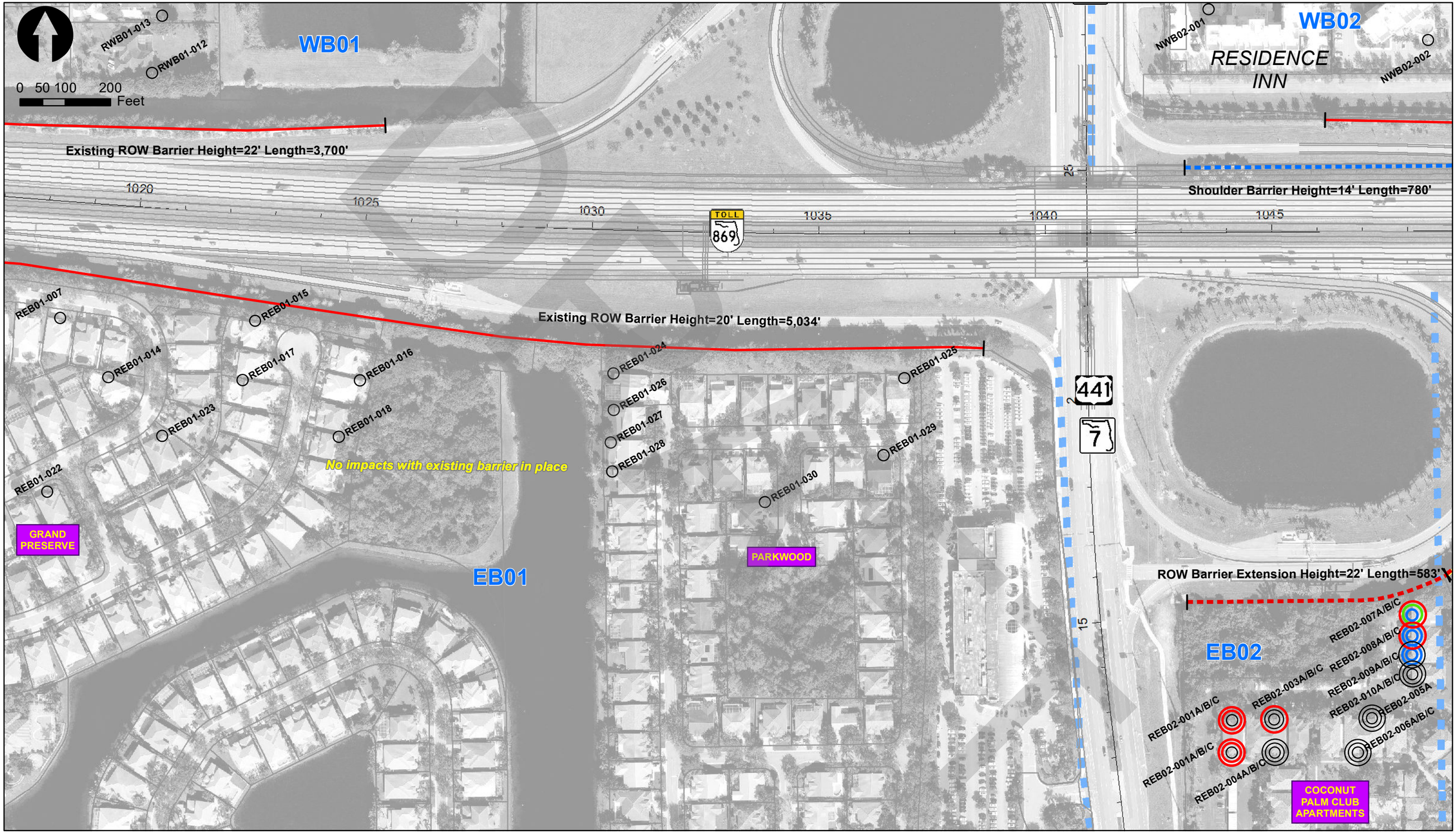
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

869	BROWARD	437153-1

PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
1



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

869	BROWARD	437153-1

PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No. **2**

0 50 100 200 Feet

441

7

HAMPTON INN

RESIDENCE INN

WB02

NWB02-001

NWB02-002

CLUB CARIBE

WB03

EAGLE CAY AT REGENCY LAKES

RWB03-010A/B
RWB03-009A/B/C
RWB03-008A/B/C
RWB03-007A/B
RWB03-006A/B
RWB03-005A/B/C
RWB03-004A/B/C
RWB03-003A/B
NWB03-001
RWB03-002A
RWB03-001A
RWB03-015A/B/C
RWB03-023A/B/C
RWB03-021A/B/C
RWB03-024A/B/C
RWB03-025A/B
RWB03-022A/B/C
RWB03-019A/B/C
RWB03-018A/B/C
RWB03-014A/B
RWB03-013A/B/C
RWB03-012A/B/C
RWB03-011A/B
RWB03-017A/B/C
RWB03-016A/B/C
RWB03-027A/B/C
RWB03-031A/B
RWB03-030A/B/C
RWB03-029A/B/C
RWB03-028A/B/C
RWB03-026A/B
NWB03-002
RWB03-042
RWB03-040
RWB03-046
RWB03-045
RWB03-044
RWB03-043
RWB03-041
RWB03-039
RWB03-038
RWB03-037
RWB03-036
RWB03-035
RWB03-034
RWB03-033
RWB03-032
RWB03-048
RWB03-047
NWB03-003
RWB03-051
RWB03-050
RWB03-049

Existing ROW Barrier Height=22' Length=2,392'

Shoulder Barrier Height=14' Length=780'

TOLL

869

441

7

ROW Barrier Replacement Height from 12' to 22' Length=4,209 (Total system = 4,792')

ROW Barrier Extension Height=22' Length=583'

EB01

EB02

EB03

LAURENS RUN

SOMERSET

REB03-017
REB03-018
REB03-019
REB03-020
REB03-021
REB03-016
REB03-015
REB03-014
REB03-012
REB03-011
REB03-010
REB03-009
REB03-013
REB03-008
REB03-007
REB03-004
REB03-003
REB03-006
REB03-002
REB03-005
REB03-027
REB03-026
REB03-024
REB03-022
REB03-025
REB03-023
REB03-028
REB03-030
REB03-029
REB02-007A/B/C

Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

NOISE SPECIALIST

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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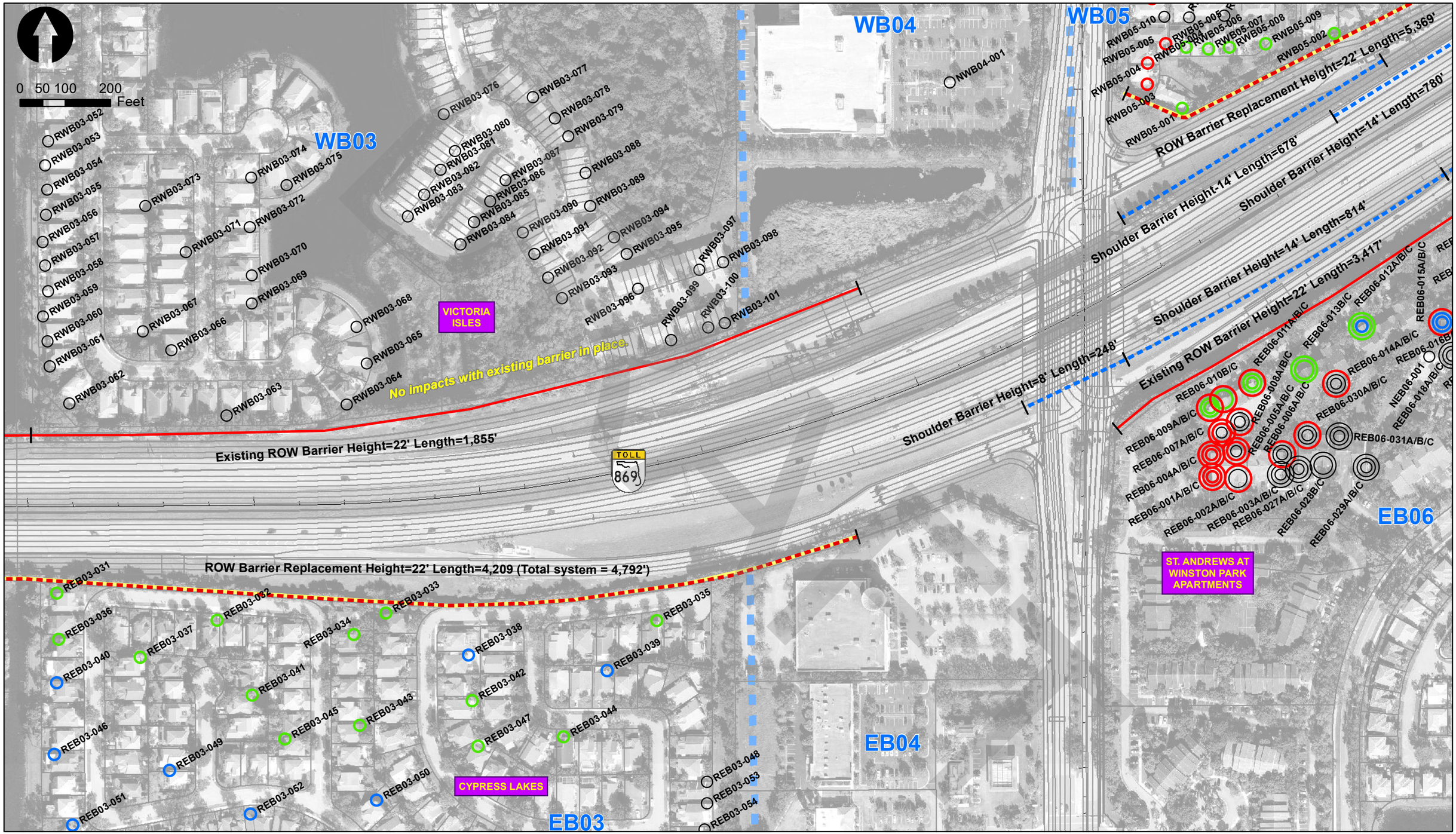
PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No. 3



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

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PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
4

0 50 100 200 Feet

VILLAGE OF SORBET

WB06

WB06

COCO BAY

ROW Barrier Replacement Height=22' Length=5,369'

Shoulder Barrier Height=14' Length=780'

Shoulder Barrier Height=8' Length=535'

Shoulder Barrier Height=14' Length=260'

Existing ROW Barrier Height=22' Length=3,417'

TOLL 869

ST. ANDREWS AT WINSTON PARK APARTMENTS

EB06

BRECKENRIDGE NORTH

EB07

PARKWOOD

EB08

Existing ROW Barrier	Impacted - Benefited	1st Floor Receptor	Validation Points
Potential New ROW Barrier	Impacted - Not Benefited	2nd Floor Receptor	
Exist. ROW Barrier (to be Upgraded)	Not Impacted - Benefited	3rd Floor Receptor	
Potential New Shoulder Barrier	Not Impacted - Not Benefited	Common Noise Environment	
Planned (Other Projects)			

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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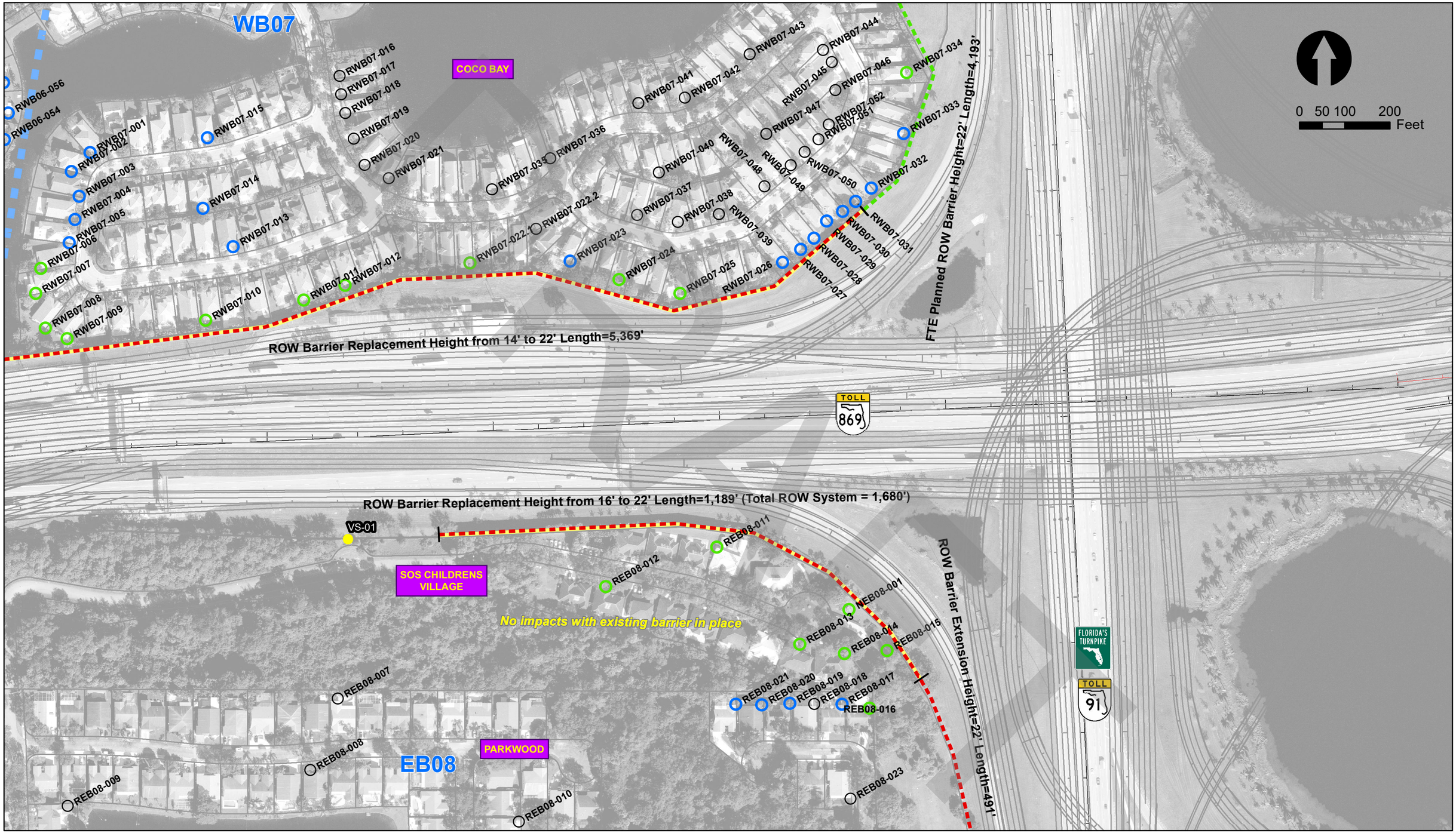
PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
5



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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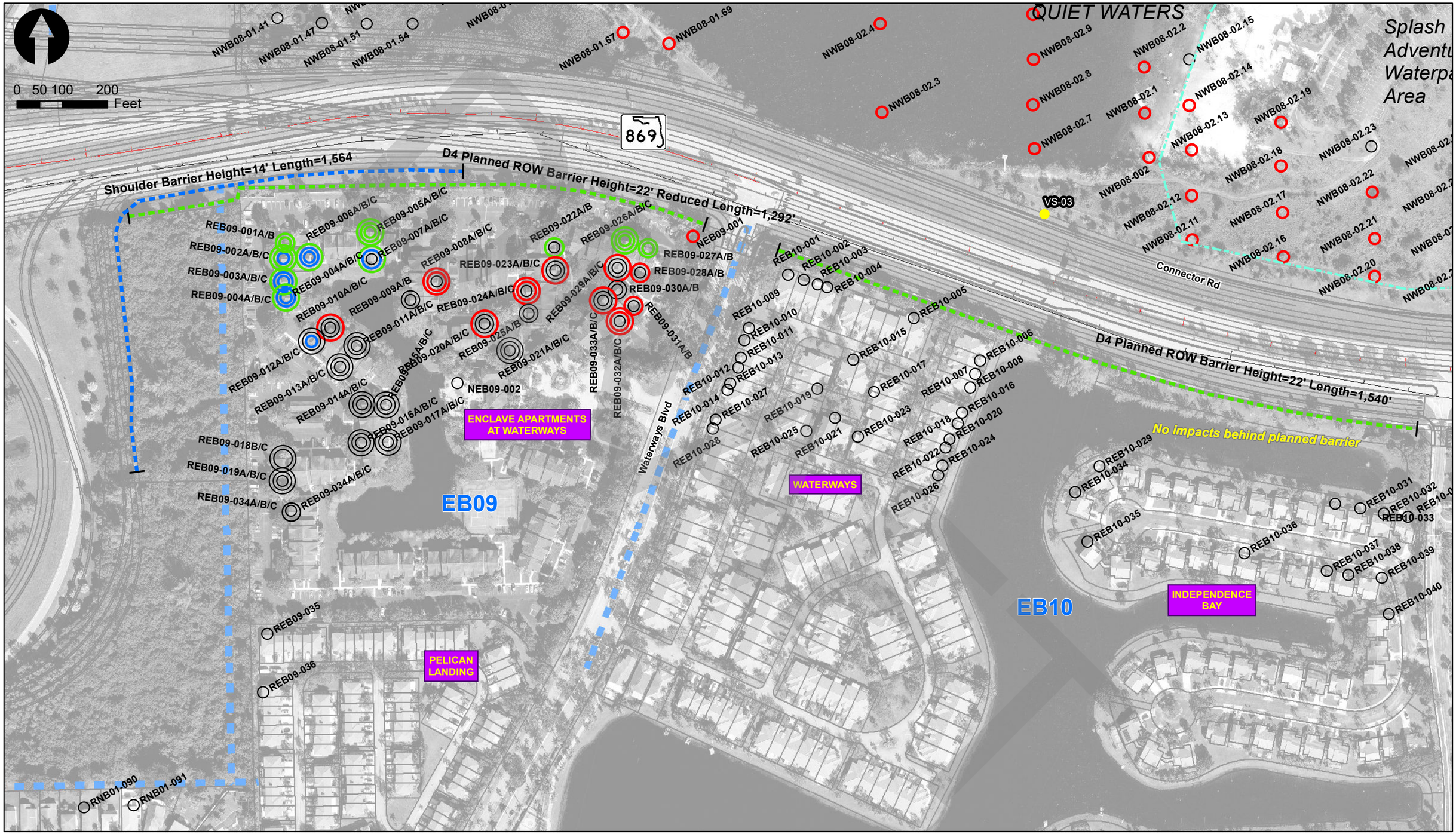
869	BROWARD	437153-1

PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
6



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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DEPARTMENT OF TRANSPORTATION

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PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No. 7

0 50 100 200 Feet

NWB08-01.10 NWB08-001.9 NWB08-01.20 NWB08-01.30 NWB08-001.8 NWB08-01.19 NWB08-01.29 NWB08-001.7 NWB08-01.18 NWB08-01.28 NWB08-001.6 NWB08-01.17 NWB08-01.40 NWB08-001.5 NWB08-01.16 NWB08-01.27 NWB08-01.39 NWB08-001.4 NWB08-01.15 NWB08-01.26 NWB08-01.38 NWB08-001.3 NWB08-01.14 NWB08-01.25 NWB08-01.37 NWB08-001.2 NWB08-01.13 NWB08-01.24 NWB08-01.36 NWB08-001.1 NWB08-01.12 NWB08-01.23 NWB08-01.35 NWB08-01.46 NWB08-01.11 NWB08-01.22 NWB08-001 NWB08-01.45 NWB08-01.34 NWB08-01.44 NWB08-01.50 NWB08-01.33 NWB08-01.43 NWB08-01.49 NWB08-01.32 NWB08-01.42 NWB08-01.48 NWB08-01.53 NWB08-01.52 NWB08-01.56 NWB08-01.55 NWB08-01.57 NWB08-01.41 NWB08-01.47 NWB08-01.51 NWB08-01.54 NWB08-01.58 NWB08-01.59 NWB08-01.64 NWB08-01.63 NWB08-01.62 NWB08-01.61 NWB08-01.60 NWB08-01.66 NWB08-01.65 NWB08-01.68 NWB08-01.67 NWB08-01.69 NWB08-004

WB08

QUIET WATERS

Future Camp Cabins

NWB08-003 NWB08-02.6 NWB08-02.5 NWB08-02.4 NWB08-02.3 NWB08-02.10 NWB08-02.9 NWB08-02.8 NWB08-02.7 NWB08-02.2 NWB08-02.1 NWB08-02.15 NWB08-02.14 NWB08-02.13 NWB08-02.18 NWB08-002 NWB08-02.12 NWB08-02.17 NWB08-02.11

869

Shoulder Barrier Height=14' Length=1,564

D4 Planned ROW Barrier Height=22' Reduced Length=1,292'

REB09-001A/B REB09-006A/B/C REB09-005A/B/C REB09-022A/B REB09-026A/B/C NEB09-001

Connector Rd VS-03

Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

NOISE SPECIALIST
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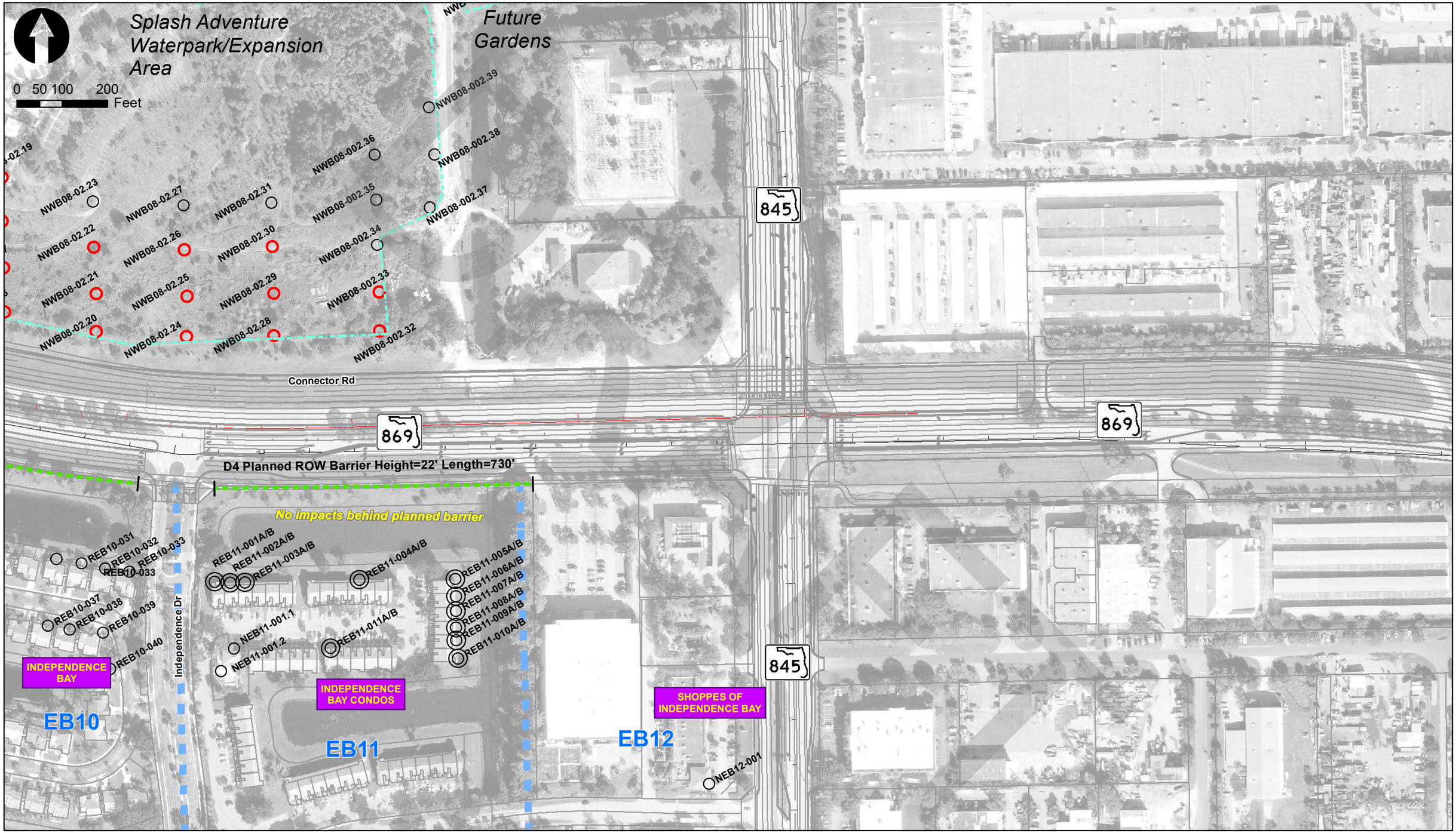
869	BROWARD	437153-1

PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No. 8



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

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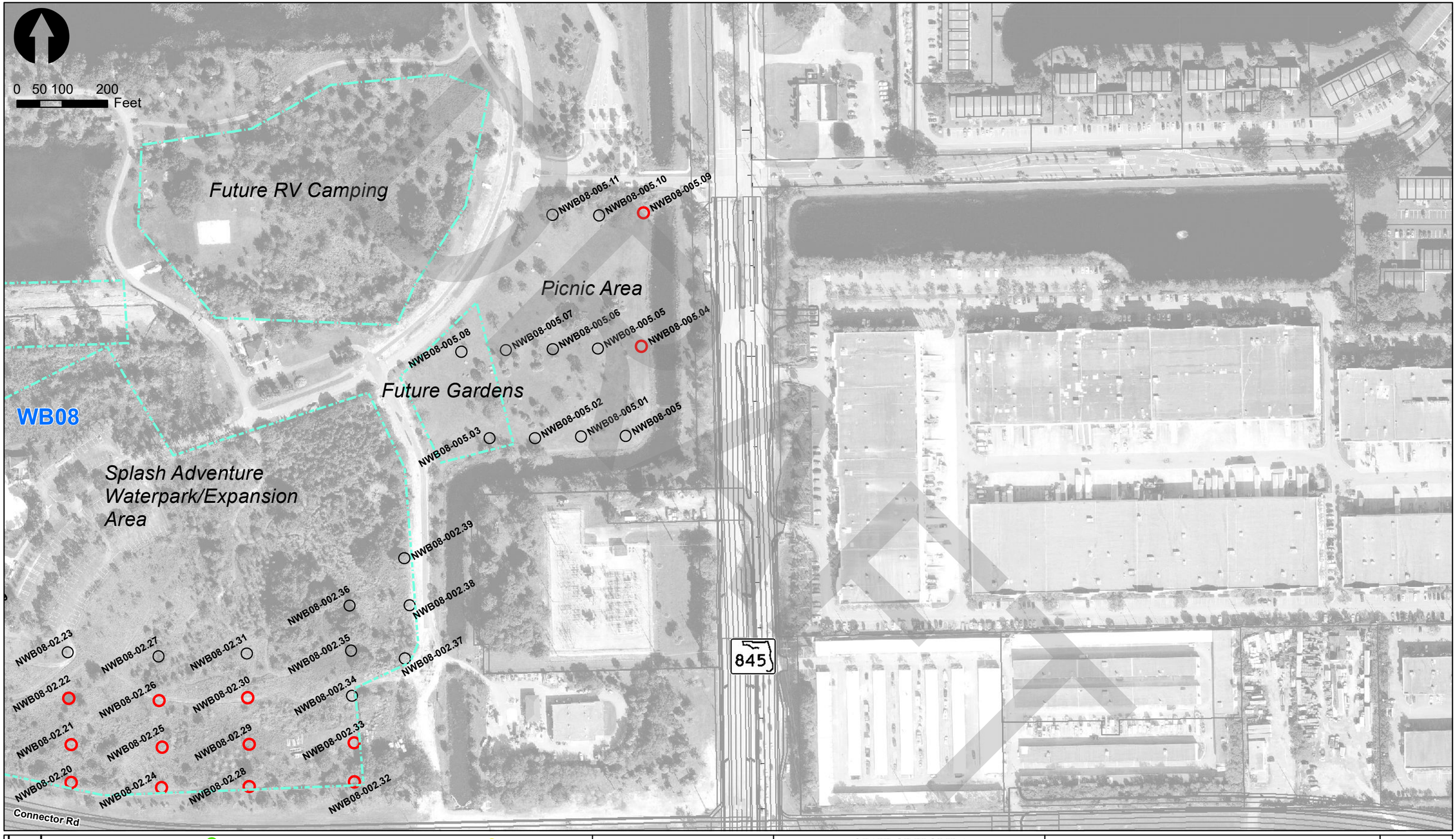
PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No. 9



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
10

Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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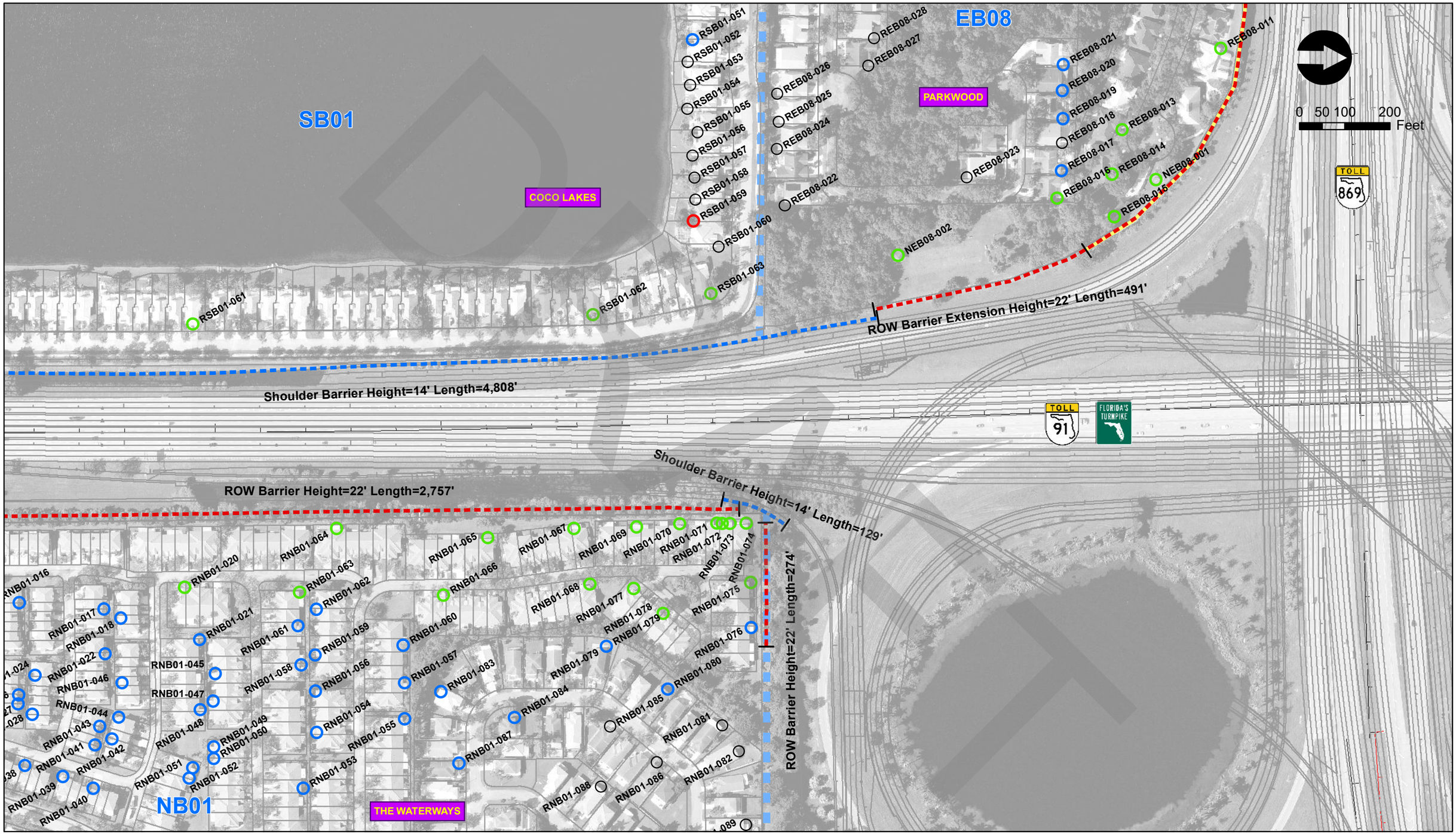
PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No. 11



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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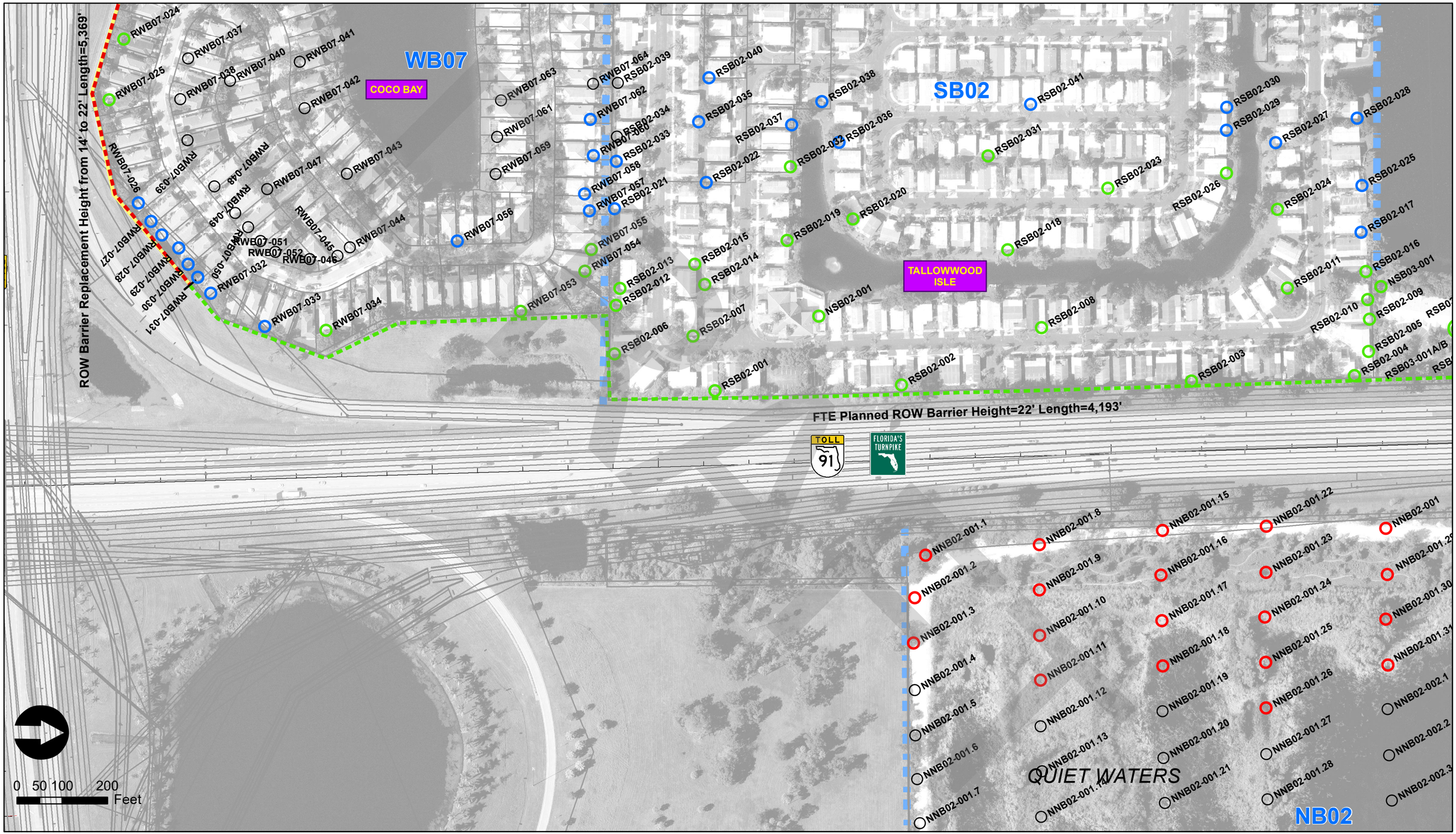
PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
12



Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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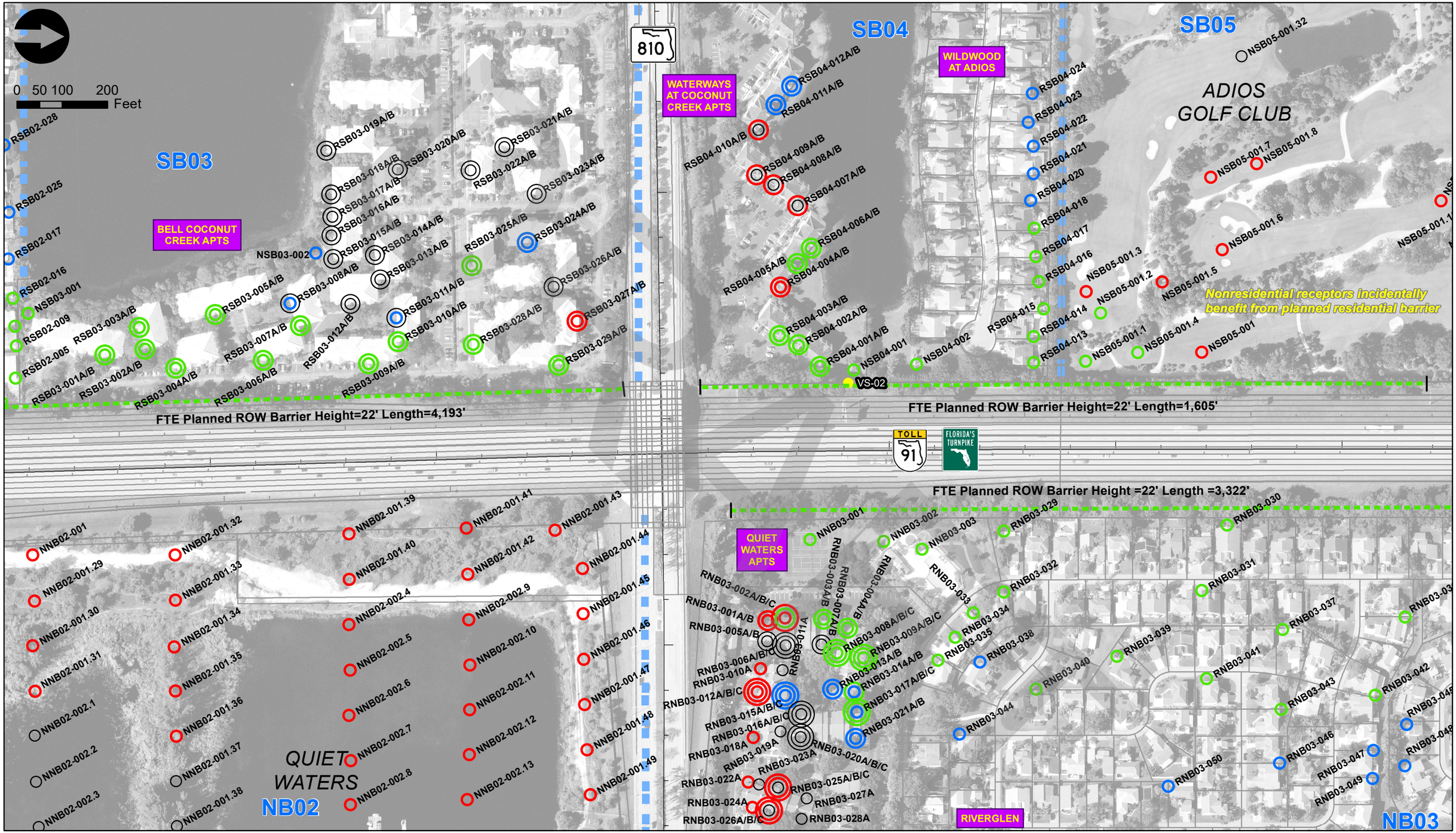
PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
13



Existing ROW Barrier	Impacted - Benefited	1st Floor Receptor	Validation Points
Potential New ROW Barrier	Impacted - Not Benefited	2nd Floor Receptor	
Exist. ROW Barrier (to be Upgraded)	Not Impacted - Benefited	3rd Floor Receptor	
Potential New Shoulder Barrier	Not Impacted - Not Benefited	Common Noise Environment	
Planned (Other Projects)			

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No. 14

Existing ROW Barrier
Potential New ROW Barrier
Exist. ROW Barrier (to be Upgraded)
Potential New Shoulder Barrier
Planned (Other Projects)

Impacted - Benefited
Impacted - Not Benefited
Not Impacted - Benefited
Not Impacted - Not Benefited

1st Floor Receptor
2nd Floor Receptor
3rd Floor Receptor
Common Noise Environment

Validation Points

NOTE: Some not impacted receptors fall outside the display area of the map figures.

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

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PROJECT AERIALS
Widening of Sawgrass Expressway from US 441 to Powerline Rd

Sheet No.
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