

PROJECT DEVELOPMENT & ENVIRONMENT NOISE STUDY REPORT

**Turnpike Extension (SR 821)
from US 1 to Campbell Drive**

Miami-Dade County, Florida

Financial Project ID Number: 439545-1



**Prepared For:
FLORIDA'S TURNPIKE ENTERPRISE**

June 2021

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1. INTRODUCTION

1.1. Project Description

The Turnpike Extension (SR 821) is a Strategic Intermodal System (SIS) limited access toll highway connecting the Florida Keys, the City of Florida City, and the City of Homestead with the greater Miami-Dade County region. The Turnpike Extension is the primary evacuation route connecting with the Florida Turnpike (SR 91) near the Miami-Dade/Broward County line.

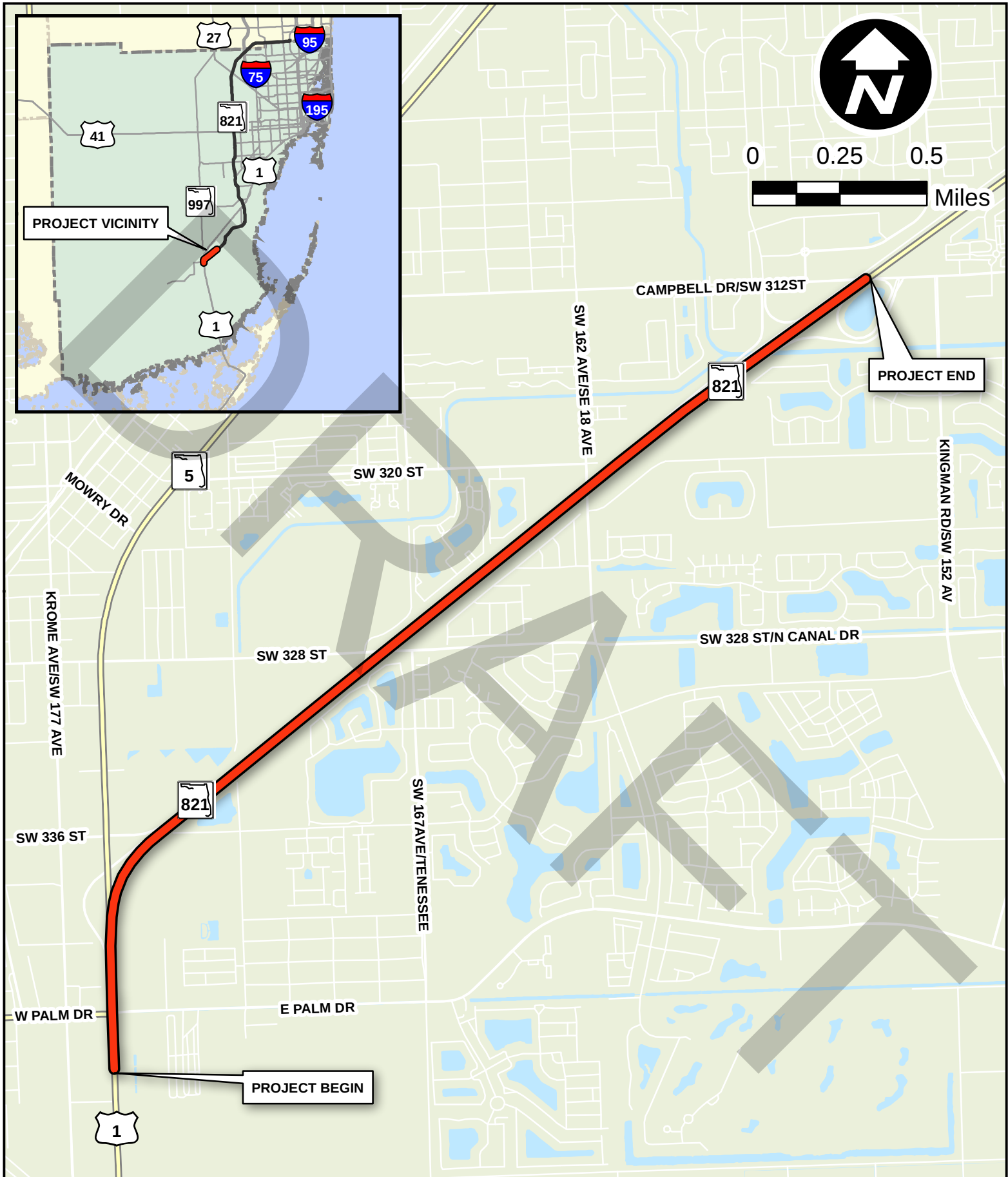
This Project Development and Environment (PD&E) Study evaluates the southern three (3) miles of the Turnpike Extension within Miami-Dade County and the two local municipalities which are the City of Florida City and the City of Homestead. The PD&E study limits are from US 1 (south of Palm Drive) to Campbell Drive/SW 312nd Street. Turnpike milepost (MP) 0.00 is located at US 1 and MP 3.0 is located at the Campbell Drive interchange. (See Figure 1-1).

The proposed improvements include widening the existing four-lane expressway and bridges to six (6) lanes between US 1 and Campbell Drive; improving the US 1 interchange with a new ramp over Palm Drive, adding a partial interchange at Lucy Street, and converting the taper ramps to parallel ramps at the Campbell Drive interchange. Bridge widening and/or minor improvements are proposed at Lucy Street, SW 162nd Avenue, C-103 Canal and Campbell Drive. Two new bridges are proposed over the US 1 northbound lanes and over Palm Drive. This project does anticipate acquisition of new right of way along the east side US 1 south of Palm Drive and at the Lucy Street interchange.

1.2. Purpose & Need

The primary purpose of the project is to enhance traffic operations and safety. The secondary purpose of this project is to accommodate the existing and future traffic demand, enhance regional mobility and improve evacuation/emergency response. The existing four-lane divided tollway experiences congestion in the typical am/pm peak hour and during the heavy inbound peak periods when traffic is heading south to the Florida Keys. The traffic operations continue to deteriorate through the Design Year 2045 dropping to Level of Service (LOS) F. The detailed analysis is documented in the Systems Interchange Justification Report (SIJR).

The local municipality, City of Homestead identified the need for improved regional mobility with additional Turnpike access between the US 1 and Campbell Drive interchanges. The US 1 interchange is in Florida City and the Campbell Drive interchange is located at the north boundary of the City of Homestead. The central region lacks adequate access to the Turnpike system and the City of Homestead requested a new interchange at Lucy Street.



Florida's Turnpike (SR 821) Noise Study Report

From US 1 South of Palm Drive to Campbell Drive
Miami-Dade County, Florida

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**PROJECT
LOCATION MAP**

**Figure
1-1**

2. 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 Noise¹ using methodology established by the Florida Department of Transportation (FDOT) in the Project Development and Environment Manual², Part 2, Chapter 18 (FDOT, January 14, 2019) and FDOT's Traffic Noise Modeling and Analysis Practitioners Handbook³. 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 that represent 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 Turnpike roadway segments, LOS C hourly traffic volumes with four lanes of travel in both directions for the full project length were used in the model to represent the worst-case traffic noise scenario. For all other 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. 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 are used by the Florida's Turnpike Enterprise (FTE) for the purpose of evaluating traffic noise, are referred to as the Noise Abatement Criteria (NAC). As shown in Figure 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., new alignment project). For comparison purposes, typical noise levels for common indoor and outdoor activities are provided in Figure 2-2.

Figure 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, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreational areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	51	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E ²	72	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. <i>Note:</i> 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 2-2 – Typical Noise Levels

Common Outdoor Activities	Noise Level dB(A)	Common Indoor Activities
Jet Fly-Over 1000 ft.	---110---	Rock Band
Gas Lawn Mower at 3 ft.	---100---	
Diesel Truck at 50 ft., at 50 mph	---90---	Food Blender at 3 ft.
Noise Urban Area (Daytime)	---80---	Garbage Disposal at 3 ft.
Gas Lawn Mower at 100 ft.	---70---	Vacuum Cleaner at 10 ft.
Commercial Area	---60---	Normal Speech at 3 ft.
Heavy Traffic at 300 ft.	---50---	Large Business Office
Quiet Urban Daytime	---40---	Dishwasher Next Room
Quiet Urban Nighttime	---30---	Theater, Large Conference Room (Background)
Quiet Suburban Nighttime	---20---	Library
Quiet Rural Nighttime	---10---	Bedroom at Night, Concert Hall (Background)
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. 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 Manual², 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 need of the facility. For example, if the posted speed on 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.

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 the use of land use controls to minimize impacts to 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 which show 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 segment of the project. The predicted noise contours for each segment of the Build alternative are shown in Appendix C.

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 cost reasonableness of noise barriers, certain feasibility factors must also be considered, including Noise Reduction Factor, Safety, Maintenance, and Engineering factors.

3. 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 within the project limits following procedures documented in FHWA's Noise Measurement Field Guide⁴ (FHWA, September 2017). Noise monitoring was performed on April 14, 2021, using Larson Davis LxT noise monitors. All monitoring events were 10 minutes in duration, which is consistent with methodology documented in the FDOT PD&E Manual². The noise monitors were calibrated using a CAL200 calibrator before and after each event. Typical vehicle speeds were established by sampling with a Decatur Scout handheld radar gun. Vehicles generally traveled within 5 miles per hour (mph) of the 65-mph posted speed limit on 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.

Two locations were used to validate the ability of the TNM to accurately predict traffic noise for this project. The locations of the validation sites are shown on the project aerials in Appendix D as receptor points VS-01 and VS-02. Measurements were taken for three validation events at each validation site. Receptor point VS-01 is located within the right-of-way (ROW) on the northbound side of Florida's Turnpike near Lakeshore Condominiums at approximately Station 3557+00. Receptor point VS-02 is located within the ROW on the northbound side of Florida's Turnpike near Tennessee Estates at approximately Station 3595+50.

The results of the monitoring events are summarized in Table 3-1. As shown in Table 3-1, the variance between the measured and predicted noise levels were 3.0 or less for all validation events and in all cases the predicted level exceeded the measured level, reflecting that the model is conservative to real-world conditions. Therefore, the noise model is predicting traffic related noise for this project within the level of accuracy specified in the FDOT PD&E Manual².

Table 3-1 – TNM Validation Results Summary

Location	Validation Event	TNM Predicted (dB(A))	Field Measured (dB(A))	Variance (dB(A))
VS-01 ¹ (Location 1)	VS-01-R1	71.5	71.0	0.5
	VS-01-R2	71.5	70.5	1.0
	VS-01-R3	71.2	69.5	1.7
VS-02 ¹ (Location 2)	VS-02-R1	71.6	70.3	1.3
	VS-02-R2	71.5	68.8	2.7
	VS-02-R3	70.6	69.5	1.1

¹ Measurements Taken 4/14/2021

3.2. Noise Sensitive Receptors

Within the project limits, TNM receptor points representing residences are located in accordance with the FDOT PD&E Manual² 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.
- Non-residential receptor points are located at the edge of the area of outdoor use closest to the major traffic noise source.

Noise levels were predicted at 962 receptor points, representing 1,215 residences, and 48 special use receptor points. Predicted noise levels for the residential noise sensitive sites are provided in Appendix B-1 and non-residential sites in Appendix B-2. The locations of the receptor points representing the noise sensitive sites are depicted on the project aerials found in Appendix D.

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/or cross-roads. 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 non-residential receptor, respectively.
- The four characters following the first letter is the CNE name (e.g., RSB03, would be the prefix for all residential 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., RSB03-002 is the 2ND receptor, a residential receptor in this case, in the 3rd CNE on the southbound side of the mainline road).

The predicted noise level for each receptor is shown separately within Appendix B. 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 are being modelled at 962 noise sensitive receptors. These receptors 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 a number of 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 receptors for residences or \$995,935/person-hour/ft² 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 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.

3.4. Common Noise Environments on Northbound Side of Florida's Turnpike

3.4.1. Quality Inn, Cigar Bundles, & Travelodge (CNE NB01)

Quality Inn, Cigar Bundles, & Travelodge are located on the northbound side of US 1 south of Palm Drive (CNE NB01). In this area, four NAC E receptor points were added to the model to represent outdoor seating areas at these special use sites. Noise levels are not predicted to approach or exceed the NAC for these receptors for the Build Condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 2.7 dB(A)); therefore, no NB01 special use sites are impacted by a substantial increase. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for CNE NB01.

The predicted noise levels are shown in Appendix B-2 and the receptor locations are shown on sheet 1 in the project aerials, located in Appendix D.

3.4.2. Days Inn and Florida Keys Outlet Mall (CNE NB02)

Days Inn and the Florida Keys Outlet Mall are located on the northbound side of US 1 (CNE NB02) between Palm Drive and the start of Florida's Turnpike. In this area, seven NAC E receptor points were added to the model to represent outdoor seating areas at these special use sites. Noise levels are not predicted to approach or exceed the NAC for these receptors for the Build Condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 5.0 dB(A)); therefore, no NB02 special use sites are impacted by a substantial increase. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for CNE NB02.

The predicted noise levels are shown in Appendix B-2 and the receptor locations are shown on sheets 2-3 in the project aerials, located in Appendix D.

3.4.3. Lakeshore Condominiums and Gardens of Homestead (CNE NB03)

Lakeshore Condominiums and Gardens of Homestead are located on the northbound side of Florida's Turnpike (CNE NB03), South of Canal Drive (SW 328th Street). In this area, 308 NAC B receptors, representing 397 units, and one NAC C receptor point, representing an area of frequent outdoor use at the Lakeshore Condominiums community pool was added to the model. Noise levels at 33 residences are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 5.0 dB(A)); therefore, no Lakeshore Condominiums or Gardens of Homestead residences are impacted by a substantial increase.

Noise barriers were evaluated for the impacted residences to abate traffic related noise. The impacted residences for these communities were grouped into two distinct areas, one group of 18 impacted residences at the south end of Lakeshore Condominiums, and a second group of 15 impacted residences in Gardens of

Homestead and the north end of Lakeshore Condominiums. The noise evaluation showed that none of the impacted receptors at the north end of the CNE were able to receive a 5dB(A) benefit from any noise barrier system due to the proximity of traffic noise from side streets, the elevation of the turnpike lanes, and the distance of the constructable noise barriers to the impacted residences.

However, for the impacted residences at the south end of Lakeshore Condominiums, a potential ROW noise barrier could provide a 7 dB(A) reduction at one or more receptors and a 5 dB(A) reduction at two or more impacted receptors and would not exceed the allowable \$42,000 per benefited receptor and, therefore, is cost reasonable. The northern extent of the noise barrier was optimized to maximize benefits specifically to only those impacted receptors that could receive a benefit.

Further evaluation of this potential noise barrier will occur in the design phase. This evaluation may change the length, height, or viability of these potential noise barriers. Table 3-2 summarizes the various noise barrier configurations that were evaluated for Lakeshore Condominiums.

Table 3-2 – Lakeshore Condominiums and Gardens of Homestead (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)	6.0-6.9 dB(A)	> 7 dB(A)	Impacted ²	Not Impacted ³	Total	Average Reduction dB(A)			
Barriers Analyzed for impacted residences in Gardens of Homestead and the north end of Lakeshore Condominiums													
14	700	SH ⁶	33	0	0	0	0	0	0	N/A	33	N/A ⁸	N/A ⁸
14	600	SH ⁶											
22	600	ROW ⁷	33	0	0	0	0	0	0	N/A	33	N/A ⁸	N/A ⁸
22	360	ROW ⁷											
Barriers Analyzed for impacted residences at the south end of Lakeshore Condominiums													
8	1,000	SH ⁶	33	2	1	0	3	2	5	5.7	30	N/A ⁸	N/A ⁸
10	1,000	SH ⁶	33	3	3	2	8	4	12	6.2	25	\$300,000	\$25,000
12	1,000	SH ⁶	33	5	4	5	14	8	22	6.6	19	\$360,000	\$16,364
14	900	SH ⁶	33	4	4	8	16	11	27	7.2	17	\$378,000	\$14,000
14	1,000	SH ⁶	33	3	4	11	18	13	31	7.5	15	\$420,000	\$13,548
10	900	ROW ⁷	33	0	1	0	1	0	1	6.4	32	N/A ⁸	N/A ⁸
12	900	ROW ⁷	33	1	1	1	3	0	3	6.5	30	\$324,000	\$108,000
14	900	ROW ⁷	33	2	0	3	5	0	5	7.0	28	\$378,000	\$75,600
16	900	ROW ⁷	33	6	2	3	11	1	12	6.6	22	\$432,000	\$36,000
18	900	ROW ⁷	33	4	4	9	17	3	20	7.3	16	\$486,000	\$24,300
20	900	ROW ⁷	33	2	3	12	17	4	21	8.2	16	\$540,000	\$25,714
22	800	ROW ⁷	33	3	3	11	17	7	24	8.2	16	\$528,000	\$22,000
22	900	ROW ⁷	33	1	3	14	18	9	27	8.6	15	\$594,000	\$22,000

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 did not receive a minimum 5 dB(A) reduction from proposed noise barrier.

⁵ Unit cost of \$30/ft²

⁶ SH - Shoulder noise barrier on Florida's Turnpike.

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

⁸ Noise barrier system did not meet the noise reduction design goal of a 7 dB(A) reduction at any receptor, so no cost analysis was not conducted.

The predicted noise levels are shown in Appendix B-1 and the receptor locations are shown on sheet 4 in the project aerials, located in Appendix D.

3.4.4. Tennessee Estates (CNE NB04)

Tennessee Estates is located on the northbound side of Florida's Turnpike (CNE NB04) between Canal Drive (SW 328th Street) and SW 162nd Avenue. In this area, 102 NAC B receptor points, representing 149 residences, were added to the model. Noise levels at 86 NAC B residences are expected to approach or exceed the NAC for the Build Condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 7.5 dB(A)); therefore, no Tennessee Estates residences are impacted by a substantial increase in traffic noise.

Noise barriers were evaluated for these residences to abate traffic related noise. 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 and would not exceed the allowable \$42,000 per benefited receptor and, therefore, is cost reasonable. Therefore, noise barriers are a potentially feasible and reasonable method to abate traffic related noise for the residences in Tennessee Estates.

Further evaluation of this potential noise barrier will occur in the design phase. This evaluation may change the length, height, or viability of this potential noise barrier. Table 3-3 summarizes the reasonable and feasible noise barrier configuration that was evaluated for Tennessee Estates.

Table 3-3 – Tennessee Estates (CNE NB04)

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)	6.0-6.9 dB(A)	> 7 dB(A)	Impacted ²	Not Impacted ³	Total	Average Reduction dB(A)			
8	3,200	SH ⁶	86	10	5	23	38	0	38	7.0	48	\$768,000	\$20,211
10	3,200	SH ⁶	86	16	3	32	51	4	55	8.0	35	\$960,000	\$17,455
12	3,200	SH ⁶	86	10	19	42	71	34	105	8.6	15	\$1,152,000	\$10,971
14	3,100	SH ⁶	86	6	8	59	73	37	110	9.3	10	\$1,302,000	\$11,836
14	3,200	SH ⁶	86	4	7	65	76	42	118	9.3	10	\$1,344,000	\$11,390
8	3,300	ROW ⁷	86	0	0	0	0	0	0	N/A	86	N/A ⁸	N/A ⁸
10	3,300	ROW ⁷	86	6	8	16	30	0	30	6.8	56	\$990,000	\$33,000
12	3,300	ROW ⁷	86	1	0	31	32	0	32	8.8	54	\$1,188,000	\$37,125
14	3,300	ROW ⁷	86	1	2	31	34	0	34	10.2	52	\$1,386,000	\$40,765
16	3,300	ROW ⁷	86	10	1	33	44	0	44	10.4	42	\$1,584,000	\$36,000
18	3,300	ROW ⁷	86	20	11	34	65	12	77	9.8	21	\$1,782,000	\$23,143
20	3,300	ROW ⁷	86	8	22	35	65	23	88	10.3	21	\$1,980,000	\$22,500
22	3,200	ROW ⁷	86	4	9	54	67	24	91	10.8	19	\$2,112,000	\$23,209
22	3,300	ROW ⁷	86	6	9	54	69	24	93	10.6	17	\$2,178,000	\$23,419

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 did not receive a minimum 5 dB(A) reduction from proposed noise barrier.

⁵ Unit cost of \$30/ft²

⁶ SH - Shoulder noise barrier on Florida's Turnpike.

⁷ ROW – Right of Way noise barrier on Florida's Turnpike.

⁸ Noise barrier system did not meet the noise reduction design goal of a 7 dB(A) reduction at any receptor, so no cost analysis was not conducted.

The predicted noise levels are shown in Appendix B-1 and the receptor locations are shown on sheets 4-5 in the project aerals, located in Appendix D.

3.4.5. Gateway Church of Christ & Everglades Preparatory Academy (CNE NB05)

Gateway Church of Christ and Everglades Preparatory Academy are located on the northbound side of Florida's Turnpike (CNE NB05) between SW 162nd Avenue and Campbell Drive. In this area 21 NAC C receptor points, representing outdoor seating at Gateway Church of Christ and recreation fields at Everglades Preparatory were added to the model. Noise levels at two receptors at Everglades Prep are predicted to approach or exceed the NAC for the Build condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 7.3 dB(A)); therefore, no special use receptors in NB05 are impacted by a substantial increase.

Noise barriers for the Everglades Preparatory Academy were evaluated following the FDOT Special Land Use procedures outlined in Section 2.4.4.1. Based on this evaluation, a potential noise barrier located along the northbound ROW could provide a 7 dB(A) reduction at one or more receptors. However, for a 22-foot ROW

noise barrier to be cost reasonable, an average of 650 people would need to use the impacted area of the recreation field for one hour per day. That would translate to 5,500 students active on the entire recreation field for one hour every day, which would require more than an order of magnitude more students than the 450 students who currently attend the school. For this reason, the person hours necessary to make a noise barrier cost reasonable in this location cannot be met and noise barriers are not a potentially feasible and reasonable method to abate traffic related noise for the special use sites in CNE NB05. Table 3-4 summarizes the various noise barrier configurations that were evaluated for special use sites in CNE NB05.

Table 3-4 – Everglades Preparatory Academy Recreation Fields (CNE NB05)

Height (feet)	Length ¹ (feet)	Location	Total Cost	Benefited Acreage within impact area	Percentage of Impacted Area Benefited	Does the barrier satisfy the Noise Reduction Design Goal (-7dB(A))	Required Person-Hours of Daily Use Within Benefited Area	Possible for Person-Hours of Daily Use Within Entire Facility to be met?
12	N/A	SH ⁶	N/A	N/A ⁸	N/A	No	N/A	N/A ⁸
14	N/A	SH ⁶	N/A	N/A ⁸	N/A	No	N/A	N/A ⁸
14	900	SH ⁶	\$378,000	0.28	100%	Yes	6,400	No ⁹
16	N/A	ROW ⁷	N/A	N/A ⁸	N/A	No	N/A	N/A ⁸
18	700	ROW ⁷	\$277,200	0.28	100%	Yes	6,400	No ⁹
20	600	ROW ⁷	N/A	N/A ⁸	N/A	No	N/A	N/A ⁸
20	700	ROW ⁷	\$420,000	0.28	100%	Yes	7,100	No ⁹
22	700	ROW ⁷	\$462,000	0.28	100%	Yes	7,800	No 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 did not receive a minimum 5 dB(A) reduction from proposed noise barrier.

⁵ Unit cost of \$30/ft²

⁶ SH - Shoulder noise barrier on Florida's Turnpike.

⁷ ROW – Right of Way noise barrier on Florida's Turnpike.

⁸ Noise barrier system did not meet the noise reduction design goal of a 7 dB(A) reduction at any receptor, so no cost analysis was not conducted.

⁹ Noise barrier system did not meet the cost criteria of \$995,935 /person-hr/ft² criteria for special use locations.

The predicted noise levels are shown in Appendix B-2 and the receptor locations are shown on sheets 5-6 in the project aerials, located in Appendix D.

3.4.6. Atlantis at Oasis, Barbados at Oasis, Caribbean Isles Villas Condominiums, and Ventanas at Homestead (CNE NB05)

The Atlantis at Oasis, Barbados at Oasis, Caribbean Isles Villas Condominiums, and Ventanas at Homestead neighborhoods are located on the northbound side of Florida's Turnpike (CNE NB05) between SW 162nd Avenue and Campbell Drive. 75 receptor points were utilized to represent 184 residences. An existing noise barrier system including 20-foot-tall noise barrier located adjacent to the northbound ROW provides noise abatement for traffic related noise impacts for residences in the Atlantis at Oasis community. Because of this existing noise barrier, noise levels are not predicted to approach or exceed the NAC in the design year (2045) for the Build condition for any of the Atlantis at Oasis residences. In addition, none of the residences in the Caribbean Isles

Villas or Ventanas at Homestead were predicted to approach or exceed the NAC in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 7.7 dB(A)); therefore, no Atlantis at Oasis, Barbados at Oasis, Caribbean Isles Villas Condominiums, or Ventanas at Homestead neighborhoods residences are impacted by a substantial increase in traffic noise. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for the Atlantis at Oasis, Barbados at Oasis, Caribbean Isles Villas Condominiums, or Ventanas at Homestead neighborhoods.

The predicted noise levels are shown in Appendix B-1 and the receptor locations are shown on sheets 6-7 in the project aerials, located in Appendix D.

3.4.7. Villa Portofino East, Hampton Suites, and Best Studio Inn (CNE NB06)

Villa Portofino East, Hampton Suites, and Best Studio Inn are located on the northbound side of Florida's Turnpike (CNE NB06) north of Campbell Drive. 19 receptor points were utilized to represent 20 residences and two NAC E receptors representing outdoor use areas at Hampton Suites and Best Studio Inn. An existing noise barrier system including 20-foot-tall noise barrier located adjacent to the northbound ROW provides noise abatement for traffic related noise impacts for residences within CNE NB06. Because of this existing noise barrier, noise levels are not predicted to approach or exceed the NAC in the design year (2045) for the Build condition for any of the NB06 residences or the two non-residential receptors. Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 2.8 dB(A)); therefore, no NB06 receptors are impacted by a substantial increase in traffic noise. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for CNE NB06.

The predicted noise levels are shown in Appendix B-1 and the receptor locations are shown on sheets 7-8 in the project aerials, located in Appendix D.

3.5. Common Noise Environments on Southbound Side of Florida's Turnpike

3.5.1. Best Western, Fairway Inn, Holiday Inn Express, and Puro Cigar Lounge (CNE SB01)

Best Western, Fairway Inn, Holiday Inn Express, and Puro Cigar Lounge are located on the southbound side of US 1 south of Palm Drive (CNE SB01). In this area, four NAC E receptor points were added to the model to represent outdoor seating areas at these special use sites. Noise levels are not predicted to approach or exceed the NAC for these receptors for the Build Condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase in SB01 is 3.4 dB(A)); therefore, no SB01 special use sites are impacted by a substantial increase. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for CNE SB01.

The predicted noise levels are shown in Appendix B-2 and the receptor locations are shown on sheets 1-2 in the project aerials, located in Appendix D.

3.5.2. Home2Suites & Starbucks (CNE SB02)

Home2Suites & Starbucks are located on the southbound side of US 1 between Palm Drive and NE 7th Street (CNE SB02). In this area, two NAC E receptor points were added to the model to represent outdoor seating areas

at these special use sites. Noise levels are not predicted to approach or exceed the NAC for these receptors for the Build Condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase in SB02 is 2.4 dB(A)); therefore, no SB02 special use sites are impacted by a substantial increase. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for CNE SB02.

The predicted noise levels are shown in Appendix B-2 and the receptor locations are shown on sheet 2 in the project aerials, located in Appendix D.

3.5.3. Baymont Hotel & Golden Corral (SB03)

Baymont Hotel & Golden Corral are located on the southbound side of Florida's Turnpike just north of US 1 (CNE SB03). In this area, two NAC E receptor points were added to the model to represent outdoor seating areas at these special use sites. Noise levels are not predicted to approach or exceed the NAC for these receptors for the Build Condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase in SB03 is 3.2 dB(A)); therefore, no SB03 special use sites are impacted by a substantial increase. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for CNE SB03.

The predicted noise levels are shown in Appendix B-2 and the receptor locations are shown on sheet 3 in the project aerials, located in Appendix D.

3.5.4. Monterey Pointe and Colony Lakes Apartments (SB04)

The Monterey Pointe and Colony Lakes Apartments are located on the southbound side of the Florida's Turnpike (CNE SB04) between Canal Drive (SW 328th Street) and SW 162nd Avenue. In this area, 310 NAC B receptor points, representing 334 residential sites were added to the model. Noise levels at 160 NAC B residences are expected to approach or exceed the NAC for the Build condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 8.6 dB(A)); therefore, no SB04 receptors are impacted by a substantial increase.

Noise barriers were evaluated for these residences to abate traffic related noise. 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. The most cost-effective noise barrier evaluated would not exceed the allowable \$42,000 per benefited receptor and, therefore, is cost reasonable. Therefore, noise barriers are a potentially feasible and reasonable method to abate traffic related noise for the residences in Monterey Pointe and Colony Lakes Apartments.

Table 3-5 – Monterey Pointe and Colony Oaks Apartments (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)	6.0-6.9 dB(A)	> 7 dB(A)	Impacted ²	Not Impacted ³	Total	Average Reduction dB(A)			
14	400	SH ⁶	160	2	0	157	159	151	310	11.5	1	\$1,176,000	\$3,794
14	2,400	SH ⁶											
22	2,500	ROW ⁷	160	12	6	123	141	94	235	10.2	19	\$1,650,000	\$7,021
10	2,000	ROW ⁷	160	20	0	0	20	0	20	5.3	140	N/A ⁸	N/A ⁸
4	800	SH ⁶											
4	400	SH ⁶											
12	2,000	ROW ⁷	160	26	16	11	53	2	55	6.2	107	\$864,000	\$15,709
4	800	SH ⁶											
4	400	SH ⁶											
14	2,000	ROW ⁷	160	28	24	45	97	26	123	7.0	63	\$1,056,000	\$8,585
6	800	SH ⁶											
6	400	SH ⁶											
16	2,000	ROW ⁷	160	33	37	70	140	55	195	7.4	20	\$1,248,000	\$6,400
8	800	SH ⁶											
8	400	SH ⁶											
18	2,000	ROW ⁷	160	12	13	129	154	84	238	8.6	6	\$1,440,000	\$6,050
10	800	SH ⁶											
10	400	SH ⁶											
20	2,000	ROW ⁷	160	6	5	147	158	109	267	9.7	2	\$1,632,000	\$6,112
12	800	SH ⁶											
12	400	SH ⁶											
22	2,000	ROW ⁷	160	5	5	147	157	107	264	10.6	3	\$1,740,000	\$6,591
14	700	SH ⁶											
14	300	SH ⁶											
22	2,000	ROW ⁷	160	3	6	151	160	132	292	10.7	0	\$1,824,000	\$6,247
14	800	SH ⁶											
14	400	SH 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 did not receive a minimum 5 dB(A) reduction from proposed noise barrier.

⁵ Unit cost of \$30/ft²

⁶ SH - Shoulder noise barrier on Florida's Turnpike.

⁷ ROW – Right of Way noise barrier on Florida's Turnpike.

⁸ Noise barrier system did not meet the noise reduction design goal of a 7 dB(A) reduction at any receptor, so no cost analysis was not conducted.

The predicted noise levels are shown in Appendix B-1 and the receptor locations are shown on sheets 4-5 in the project aerials, located in Appendix D.

3.5.5. Granada Estates, Portofino Villas West, & Tropical Villas (SB05)

The Granada Estates, Portofino Villas West, & Tropical Villas neighborhoods are located on the southbound side of the Florida's Turnpike (CNE SB05) between Canal Drive (SW 328th Street) and SW 162nd Avenue. In this area, 82 NAC B receptor points, representing 108 residential sites were added to the model. The neighborhoods of Granada Estates and Portofino Villas West have existing noise barriers that effectively reduce traffic noise, and as a result there are no impacted residence in either Granada Estates or Portofino Villas West. Noise levels at three NAC B residences in Tropical Villas are expected to approach or exceed the NAC for the Build condition in the design year (2045). Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the maximum predicted increase is 7.6 dB(A)); therefore, no SB05 receptors are impacted by a substantial increase.

Noise barriers were evaluated for these residences to abate traffic related noise. 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. However, the most cost-effective noise barrier evaluated would exceed the allowable \$42,000 per benefited receptor and, therefore, is not cost reasonable. Therefore, noise barriers are not a potentially feasible and reasonable method to abate traffic related noise for the residences in Tropical Villas.

Table 3-6 – Tropical Villas (CNE SB05)

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)	6.0-6.9 dB(A)	> 7 dB(A)	Impacted ²	Not Impacted ³	Total	Average Reduction dB(A)			
12	700	SH ⁶	3	2	1	0	3	0	3	6.4	0	N/A ⁸	N/A ⁸
14	600	SH ⁶	3	1	0	0	1	0	1	5.9	2	N/A ⁸	N/A ⁸
14	700	SH ⁶	3	0	2	1	3	2	5	6.8	0	\$294,000	\$58,800 ⁹
20	600	ROW ⁷	3	2	1	0	3	0	3	6.0	0	N/A ⁸	N/A ⁸
22	500	ROW ⁷	3	0	1	0	1	0	1	6.5	2	N/A ⁸	N/A ⁸
22	600	ROW ⁷	3	0	2	1	3	0	3	6.8	0	\$396,000	\$132,000 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 did not receive a minimum 5 dB(A) reduction from proposed noise barrier.

⁵ Unit cost of \$30/ft²

⁶ SH - Shoulder noise barrier on Florida's Turnpike.

⁷ ROW – Right of Way noise barrier on Florida's Turnpike.

⁸ Noise barrier system did not meet the noise reduction design goal of a 7 dB(A) reduction at any receptor, so no cost analysis was not conducted.

⁹ Noise barrier system exceeds the allowable cost criteria of \$42,000/benefited residence.

The predicted noise levels are shown in Appendix B-1 and the receptor locations are shown on sheet 6 in the project aerials, located in Appendix D.

3.5.6. Homestead Pavilion Restaurants, Hilton Garden Inn, and Caseil Heights Residences (SB06)

The Homestead Pavilion Restaurants (Sonic, Longhorn, and Olive Garden), Hilton Garden Inn, and Caseil Heights Residences are located on the southbound side of Florida's Turnpike (CNE SB06) north of Campbell Drive. In this

area, 20 NAC B receptor points representing 26 residences, and five NAC E special use receptors representing outdoor seating areas at the restaurants and hotel were added to the model. The Caseil Heights community is served by an existing noise barrier. Noise levels at these sites are not expected to approach or exceed the NAC for the Build condition in the design year (2045) for any noise sensitive location in SB06. Noise levels are expected to increase, but not by 15 dB(A) at any receptor (the predicted increase in SB06 is 8.6 dB(A)); therefore, no SB06 receptors are impacted by a substantial increase. Because no receptors are predicted to be impacted by traffic related noise, noise abatement was not considered for CNE SB06.

The predicted noise levels are shown in Appendices B-1 & B-2, and the receptor locations are shown on sheets 7-8 in the project aerials, located in Appendix D.

4. CONCLUSIONS

Noise levels at 282 residences and two special use receptors, are predicted to approach or exceed the NAC for the year 2045 Build Alternative. No noise sensitive sites are expected to experience a substantial increase in traffic noise compared to existing conditions.

Noise barriers were evaluated for the impacted sites listed above. The noise barrier analysis performed to date and summarized in Table 4-1 indicates that noise barriers could potentially provide reasonable and feasible noise abatement for 247 of the 282 impacted residences, as well as providing a benefit to 164 non-impacted residences. The special use analysis determined that noise abatement was not feasible and reasonable for any of the two impacted special use receptors. The results of the noise barrier evaluations are summarized by noise sensitive area in Table 4-1.

4.1. Statement of Likelihood

FTE is committed to the construction of feasible and reasonable noise abatement measures. Three potentially feasible and reasonable noise barrier systems have been identified for this project, see Table 4-1 for more detail on the noise barriers and their locations in the project aerials in Appendix D, 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.

A land use review will be performed during the design phase 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 the State Environmental Impact Report is approved by FTE will be the Date of Public Knowledge. If the review identifies 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.

Table 4-1 – Potentially Feasible and Reasonable Noise Barrier Evaluation Summary

Turnpike Extension (SR 821) Widening from US 1 to Campbell - PD&E Study Report

Noise Sensitive Area	Number of Impacted Residences	Noise Barrier Approx. Begin Station	Noise Barrier Approx. End Station	Preliminary Noise Barrier Height (ft.)	Preliminary Noise Barrier Length (ft.) ¹	Preliminary Noise Barrier Location	Preliminary Noise Barrier Cost ²	Number of Residences Potentially Benefited by a Noise Barrier ³		Cost Per Benefited Residence
								Impacted	Total	
NOISE BARRIERS NORTHBOUND SIDE OF TURNPIKE EXTENSION										
Lakeshore Condominiums – Southern End (CNE NB03)	33	3553+50	3562+50	22	900	ROW	\$594,000	18	27	\$22,000
Tennessee Estates (CNE NB04)	86	3580+00	3612+80	22	3,300	ROW	\$2,178,000	69	93	\$23,419
NOISE BARRIERS SOUTHBOUND SIDE OF TURNPIKE EXTENSION										
Monterey Pointe and Colony Lakes Apartments (CNE SB04)	160	3582+10	3586+10	14	400	SH	\$1,824,000	160	292	\$6,247
		3585+20	3605+20	22	2,000	ROW				
		3602+70	3610+70	14	800	SH				

¹ 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.

² Unit cost of \$30/ft² for all non-shoulder noise barriers.

³ Total includes impacted/benefited residences and residences with a predicted noise level that does not approach or exceed 67 dBA but are incidentally benefited.

5. CONSTRUCTION NOISE AND VIBRATION

Based on the existing land use within the limits of this project, construction of the proposed roadway improvements will have temporary noise and vibration impacts. Construction noise sensitive sites include all of the noise sensitive sites detailed in Section 3.0 of this report. Vibration sensitive sites on the project include residences, schools, medical facilities, and public institutions. Trucks, compaction equipment, earth moving equipment, pumps, and generators are sources of construction noise and vibration. During the construction phase of the proposed project, short-term noise and vibration may be generated by stationary and mobile construction equipment. The construction noise and vibration will be temporary at any location and will be controlled by adherence to the most recent edition of the *FDOT Standard Specifications for Road and Bridge Construction*⁵.

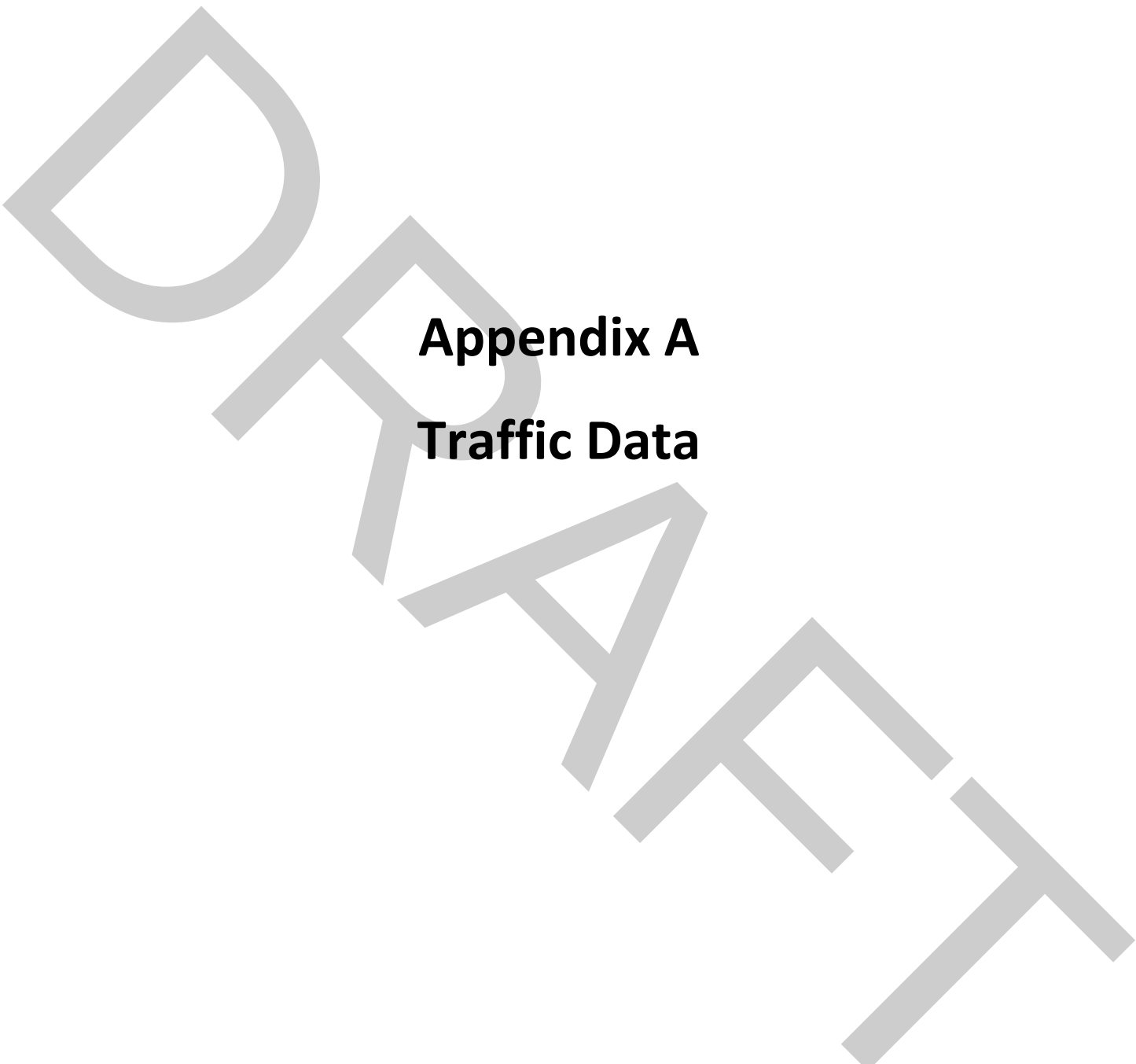
6. PUBLIC COORDINATION

Coordination with the public and local agencies and officials has been accomplished during the PD&E study. In addition, local and community officials will have the opportunity to comment on the proposed project at the public meeting scheduled for July 20, 2021.

To promote compatibility between land development planning and Florida's Turnpike, the distance between the edge of the Turnpike's 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.

7. REFERENCES

1. 23 CFR Part 772, Procedures for Abatement of Highway Traffic Noise and Construction Noise; Federal Register, Vol. 75, No. 133, July 2010.
2. *Project Development and Environment Manual*; Florida Department of Transportation; Tallahassee, Florida; June 2017.
3. *Measurement of Highway-Related Noise*; Federal Highway Administration; Springfield, Virginia; May 1996.
4. *Plans Preparation Manual*; Florida Department of Transportation; Tallahassee, Florida; 2017.
5. *Standard Specifications for Road and Bridge Construction*; Florida Department of Transportation; Tallahassee, Florida; 2017.



Appendix A

Traffic Data

**Noise Analysis Traffic Data - Turnpike Extension Widening PD&E Study [FPIN: 439545-1]
Existing (2016) Conditions**

Turnpike Mainline													
Mainline Traffic Segment	Number of Lanes	AADT	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	Standard K-factor	D-factor	Posted Speed (mph)
North of Campbell Drive/SW 312th Street	4	61,000	64,000	2,530	2,840	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	52.2%	65
From Campbell Drive/SW 312th Street (MP 2) to US 1 (MP 0)	4	39,800	64,000	1,820	3,060	5.83%	3.28%	2.55%	0.85%	0.69%	8.2%	58.3%	65
Turnpike Ramps													
Ramp	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 Speed (mph)
Campbell Drive/SW 312th Street (MP 2)													
Southbound off	1	12,250	14,400	1,110	1,380	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	56.3%	25
Northbound on	1	12,250	14,700	1,110	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	56.3%	35
Southbound on	1	1,650	14,400	160	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	51.6%	35
Northbound off	1	1,650	14,100	160	1,380	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	51.6%	30
US 1 (MP 0)													
Southbound off to Palm Drive	1	14,000	14,300	630	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	35
Southbound off to Davis Parkway	1	5,900	14,300	630	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	35
Northbound on from NB US 1/Palm Drive	2	14,000	28,600	1,190	2,820	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	40
Northbound on from SB US 1/Davis Parkway	1	5,900	14,300	1,190	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	40
Arterials													
Arterial Traffic Segment	Number of Lanes	AADT	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)
Campbell Drive/SW 312th Street													
Campbell Drive - East of 152nd Ave	4	20,300	34,100	1,060	1,790	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - West of 152nd Ave to NB Ramps	6	27,900	52,600	1,460	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - Between NB Ramps and Kingman Road	6	27,200	52,600	1,420	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - Kingman Road to SW 157th/SB Ramps	6	27,800	52,600	1,460	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - West of SW 157th Avenue /SB Ramps	4	29,400	34,100	1,540	1,790	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
SW 152ND Avenue - South of Campbell Drive	4	13,500	34,100	1,040	2,620	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	40
Kingman Road - North of Campbell Drive	4	9,400	13,100	720	1,010	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	25
SW 157th Avenue - North of Campbell Drive	4	7,900	13,100	610	1,010	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	30
US 1													
US 1 - North of Davis Parkway	4	23,700	37,900	1,310	2,100	5.83%	3.28%	2.55%	0.85%	0.69%	9.0%	61.5%	45
US 1 - South of Davis to SB US 1-NB Turnpike On Ramp	4	20,100	37,900	910	1,710	5.83%	3.28%	2.55%	0.85%	0.69%	9.0%	50.2%	45
US 1 - South of SB US 1-NB Turnpike On Ramp to SB Off Ramp to Palm Drive	4	15,500	37,900	980	2,400	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	66.7%	45
US 1 - TPK SB Off Ramp to Palm Drive	6	33,200	58,400	1,590	2,790	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	50.3%	45
US 1 - South of Palm Drive	6	20,200	58,400	1,170	3,390	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	61.0%	45
Davis Parkway - West of US 1	4	9,900	13,100	520	690	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	58.5%	30
Palm Drive - East of US 1	4	17,600	37,900	1,000	2,150	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	62.9%	40
Palm Drive - West of US 1	6	18,600	23,300	920	1,150	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	55.1%	30

Notes:

- (1) Posted speed obtained by field observation. Engineering judgement is used to estimate on ramp speeds.
- (2) Daily and design hour ramp volumes are provided directionally (i.e. does not incorporate return movements on the corresponding ramp). Likewise, the daily and design hour LOS C maximum service volumes are listed directionally for each ramp.
- (3) Ramp LOS C maximum service volumes are from the HCS Analysis.
- (4) Freeway and Arterial LOS C maximum service volumes are obtained from FDOT 2013 Generalized Service Volume Tables.
- (5) Mainline and ramp K and D factors are obtained from the ongoing PD&E volume development effort.

**Noise Analysis Traffic Data - Turnpike Extension Widening PD&E Study [FPIN: 439545-1]
No-Build 2045 Conditions**

Turnpike Mainline													
Mainline Traffic Segment	Number of Lanes	AADT	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	Standard K-factor	D-factor	Posted Speed (mph)
North of Campbell Drive/SW 312th Street	6	108,600	95,200	4,740	4,224	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	52.2%	65
From Campbell Drive/SW 312th Street (MP 2) to US 1 (MP 0)	6	75,300	95,200	3,600	4,551	5.83%	3.28%	2.55%	0.85%	0.69%	8.2%	58.3%	65
Turnpike Ramps													
Ramp	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 Speed (mph)
Campbell Drive/SW 312th Street (MP 2)													
Southbound off	2	21,850	14,500	2,090	2,760	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	100.0%	25
Northbound on from Westbound Campbell Drive and SW 152nd Ave	1	12,800	7,400	1,220	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	100.0%	35
Northbound on from Eastbound Campbell Drive	1	9,100	7,200	870	1,380	5.83%	3.28%	2.55%	0.85%	0.69%	9.6%	100.0%	25
Southbound on	1	5,200	14,400	510	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	51.6%	35
Northbound off	1	5,200	14,100	510	1,380	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	51.6%	30
US 1 (MP 0)													
Southbound off to Palm Drive	2	26,500	28,600	2,530	2,820	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	35
Southbound off to Davis Parkway	1	11,150	14,300	1,070	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	35
Northbound on from NB US 1/Palm Drive	2	26,500	28,600	2,530	2,820	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	40
Northbound on from SB US 1/Davis Parkway	1	11,150	14,300	1,070	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	58.1%	40
Arterials													
Arterial Traffic Segment	Number of Lanes	AADT	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)
Campbell Drive/SW 312th Street													
Campbell Drive - East of 152nd Ave	6	27,500	52,600	1,440	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - West of 152nd Ave to NB Ramps	6	53,900	52,600	2,820	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - Between NB Ramps and Kingman Road	6	47,500	52,600	2,490	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - Kingman Road to SW 157th/SB Ramps	6	50,900	52,600	2,670	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - West of SW 157th Avenue /SB Ramps	6	44,500	34,100	2,330	1,790	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
SW 152ND Avenue - South of Campbell Drive	4	36,400	34,100	2,800	2,620	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	40
Kingman Road - North of Campbell Drive	4	15,300	13,100	1,180	1,010	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	25
SW 157th Avenue - North of Campbell Drive	4	12,200	13,100	940	1,010	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	30
US 1													
US 1 - North of Davis Parkway	4	39,800	37,900	2,200	2,100	5.83%	3.28%	2.55%	0.85%	0.69%	9.0%	61.5%	45
US 1 - South of Davis to SB US 1-NB Turnpike On Ramp	4	33,900	37,900	1,530	1,710	5.83%	3.28%	2.55%	0.85%	0.69%	9.0%	50.2%	45
US 1 - South of SB US 1-NB Turnpike On Ramp to SB Off Ramp to Palm Drive	4	25,300	37,900	1,600	2,400	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	66.7%	45
US 1 - TPK SB Off Ramp to Palm Drive	6	69,700	58,400	3,330	2,790	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	50.3%	45
US 1 - South of Palm Drive	6	49,200	58,400	2,850	3,390	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	61.0%	45
Davis Parkway - West of US 1	4	15,800	13,100	830	690	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	58.5%	30
Palm Drive - East of US 1	6	31,800	37,900	1,800	2,150	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	62.9%	40
Palm Drive - West of US 1	6	36,100	23,300	1,790	1,150	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	55.1%	30

Notes:

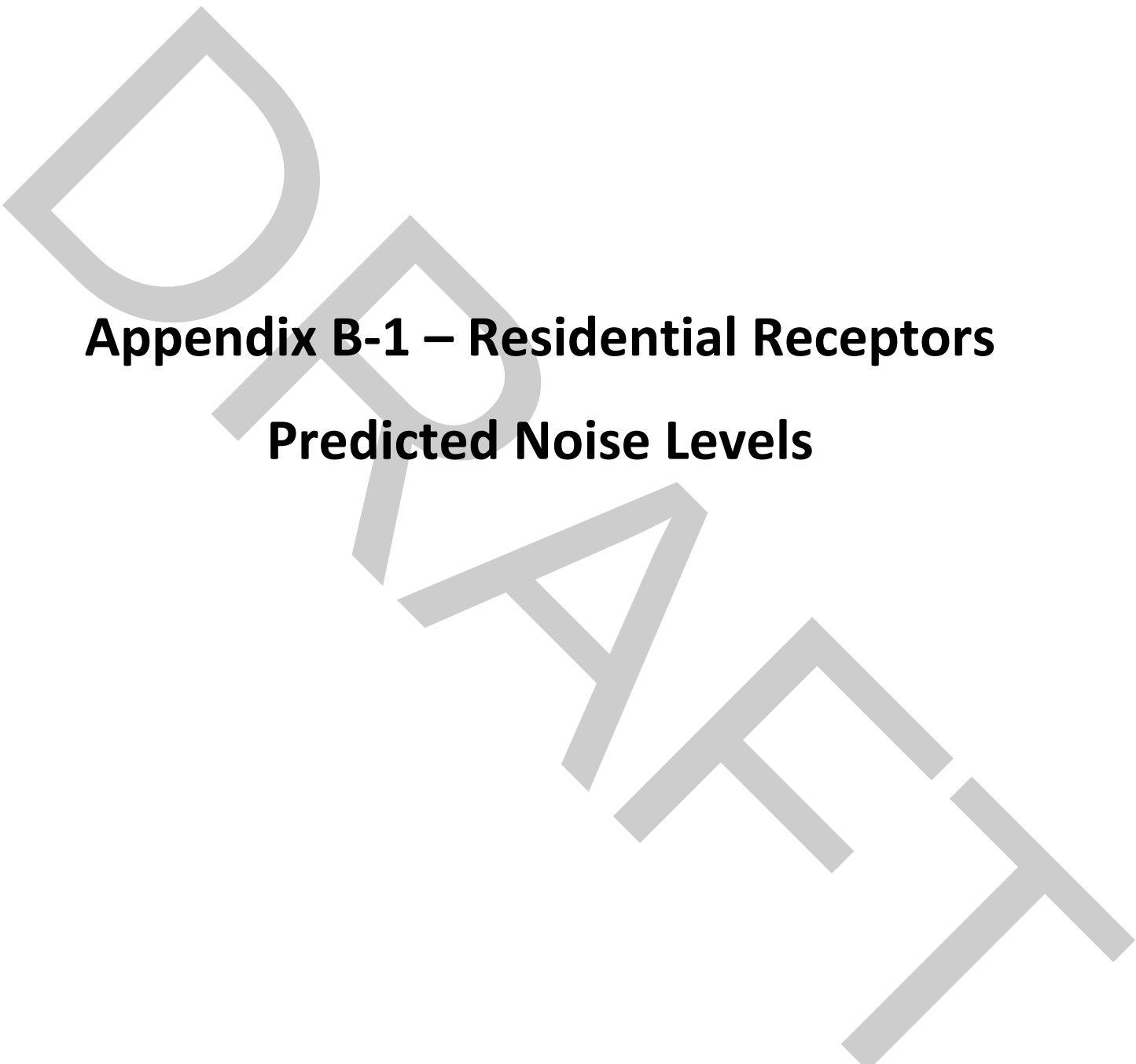
- (1) Posted speed obtained by field observation. Engineering judgement is used to estimate on ramp speeds.
- (2) Daily and design hour ramp volumes are provided directionally (i.e. does not incorporate return movements on the corresponding ramp). Likewise, the daily and design hour LOS C maximum service volumes are listed directionally for each ramp.
- (3) Ramp LOS C maximum service volumes are from the HCS Analysis.
- (4) Freeway and Arterial LOS C maximum service volumes are obtained from FDOT 2013 Generalized Service Volume Tables.
- (5) Mainline and ramp K and D factors are obtained from the ongoing PD&E volume development effort.

**Noise Analysis Traffic Data - Turnpike Extension Widening PD&E Study [FPIN: 439545-1]
2045 Build Alternative* A/B at US 1**

Turnpike Mainline													
Mainline Traffic Segment	Number of Lanes	AADT	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	Standard K-factor	D-factor	Posted Speed (mph)
North of Campbell Drive/SW 312th Street	6	108,600	95,200	4,740	4,224	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	52.2%	65
From Campbell Drive/SW 312th Street (MP 2) to US 1 (MP 0)	6	75,300	95,200	3,600	4,551	5.83%	3.28%	2.55%	0.85%	0.69%	8.2%	58.3%	65
Turnpike Ramps													
Ramp	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 Speed (mph)
Campbell Drive/SW 312th Street (MP 2)													
Southbound off	2	21,850	14,500	2,090	2,760	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	100.0%	25
Northbound on from Westbound Campbell Drive and SW 152nd Ave	1	12,800	7,400	1,220	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	100.0%	35
Northbound on from Eastbound Campbell Drive	1	9,100	7,200	870	1,380	5.83%	3.28%	2.55%	0.85%	0.69%	9.6%	100.0%	25
Southbound on	1	5,200	14,400	510	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	51.6%	35
Northbound off	1	5,200	14,100	510	1,380	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	51.6%	30
US 1 (MP 0)													
Southbound off to Palm Drive	1	14,250	12,200	900	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	60.9%	35
Southbound off to US 1 via Flyover	1	12,250	12,200	1,420	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	60.9%	50
Southbound off to Davis Parkway	2	12,050	13,300	1,280	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	62.4%	35
Northbound on from NB US 1/Palm Drive	2	14,250	12,200	1,110	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	60.9%	40
Northbound on from NB US 1 via Flyover	1	12,250	12,200	1,420	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	60.9%	50
Northbound on from SB US 1/Davis Parkway	1	12,050	13,300	1,070	1,410	5.83%	3.28%	2.55%	0.85%	0.69%	8.5%	62.4%	40
Arterials													
Arterial Traffic Segment	Number of Lanes	AADT	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)
Campbell Drive/SW 312th Street													
Campbell Drive - East of 152nd Ave	6	27,500	52,600	1,440	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - West of 152nd Ave to NB Ramps	6	53,900	52,600	2,820	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - Between NB Ramps and Kingman Road	6	47,500	52,600	2,490	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - Kingman Road to SW 157th/SB Ramps	6	50,900	52,600	2,670	2,760	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
Campbell Drive - West of SW 157th Avenue/SB Ramps	6	44,500	34,100	2,330	1,790	2.69%	2.38%	0.32%	0.21%	0.17%	9.0%	58.2%	40
SW 152ND Avenue - South of Campbell Drive	4	36,400	34,100	2,800	2,620	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	40
Kingman Road - North of Campbell Drive	4	15,300	13,100	1,180	1,010	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	25
SW 157th Avenue - North of Campbell Drive	4	12,200	13,100	940	1,010	2.69%	2.38%	0.32%	0.21%	0.17%	12.0%	64.0%	30
US 1													
US 1 - North of Davis Parkway	4	39,800	37,900	2,200	2,100	5.83%	3.28%	2.55%	0.85%	0.69%	9.0%	61.5%	45
US 1 - South of Davis to SB US 1-NB Turnpike On Ramp	4	36,200	37,900	1,740	1,820	5.83%	3.28%	2.55%	0.85%	0.69%	9.0%	53.4%	45
US 1 - South of SB US 1-NB Turnpike On Ramp to SB Off Ramp to Palm Drive	4	27,700	37,900	1,610	2,200	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	61.0%	45
US 1 - TPK SB Off Ramp to Palm Drive	6	45,200	58,400	2,420	3,130	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	56.4%	45
US 1 - South of Palm Drive	6	24,700	58,400	1,480	3,490	5.83%	3.28%	2.55%	0.85%	0.69%	9.5%	62.9%	45
Davis Parkway - West of US 1	4	15,800	13,100	830	690	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	58.5%	30
Palm Drive - East of US 1	6	31,800	37,900	1,800	2,150	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	62.9%	40
Palm Drive - West of US 1	6	36,100	23,300	1,790	1,150	4.51%	2.82%	1.69%	0.64%	0.35%	9.0%	55.1%	30

Notes:

- (1) Posted speed obtained by field observation. Engineering judgement is used to estimate on ramp speeds.
 - (2) Daily and design hour ramp volumes are provided directionally (i.e. does not incorporate return movements on the corresponding ramp). Likewise, the daily and design hour LOS C maximum service volumes are listed directionally for each ramp.
 - (3) Ramp LOS C maximum service volumes are from the HCS Analysis.
 - (4) Freeway and Arterial LOS C maximum service volumes are obtained from *FDOT 2013 Generalized Service Volume Tables*.
 - (5) Mainline and ramp K and D factors are obtained from the ongoing PD&E volume development effort.
- * 2045 Build Alternative A/B at US 1: HEFT southbound off and northbound on flyover ramps bypassing US 1 and Palm Drive intersection. The flyover provides unconstrained travel to/from US 1 south of Palm Drive intersection. The only difference between alternatives A and B is the treatment of right and left turns at US 1/Palm Drive intersection.



Appendix B-1 – Residential Receptors

Predicted Noise Levels

Predicted Noise Levels

Appendix B-1

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
NB03	RNB03-001A	1	B	67	66	68.5	69.0	73.1	4.6	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-001B	1	B	67	66	72.4	72.9	75.9	3.5	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-002A	1	B	67	66	65.4	65.9	70.3	4.9	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-002B	1	B	67	66	69.6	70.1	72.9	3.3	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-003A	1	B	67	66	64.6	65.1	69.6	5.0	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-003B	1	B	67	66	68.8	69.3	72.2	3.4	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-004A	1	B	67	66	63.0	63.5	68.0	5.0	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-004B	1	B	67	66	67.2	67.7	70.7	3.5	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-005A	1	B	67	66	62.6	63.1	67.4	4.8	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-005B	1	B	67	66	66.7	67.2	70.3	3.6	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-006A	1	B	67	66	61.4	61.9	66.1	4.7	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-006B	1	B	67	66	65.5	66.0	69.3	3.8	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-007A	1	B	67	66	60.8	61.3	65.5	4.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-007B	1	B	67	66	65.0	65.5	68.9	3.9	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-008A	1	B	67	66	59.5	60.0	64.1	4.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-008B	1	B	67	66	63.7	64.2	67.8	4.1	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-009A	1	B	67	66	59.1	59.6	63.6	4.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-009B	1	B	67	66	63.3	63.8	67.4	4.1	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-010A	1	B	67	66	58.5	59.0	62.9	4.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-010B	1	B	67	66	62.7	63.2	66.9	4.2	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-011A	1	B	67	66	58.3	58.8	62.8	4.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-011B	1	B	67	66	62.5	63.0	66.8	4.3	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-012A	1	B	67	66	57.1	57.6	61.4	4.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-012B	1	B	67	66	61.4	61.9	65.8	4.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-013A	1	B	67	66	48.3	48.8	51.7	3.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-013B	1	B	67	66	51.4	51.9	54.6	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-014A	1	B	67	66	48.8	49.3	52.1	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-014B	1	B	67	66	51.8	52.3	54.9	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-015A	1	B	67	66	49.0	49.5	52.3	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-015B	1	B	67	66	52.0	52.5	55.1	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-016A	1	B	67	66	50.5	51.0	53.9	3.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-016B	1	B	67	66	53.4	53.9	56.5	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-017A	1	B	67	66	50.1	50.6	53.3	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-017B	1	B	67	66	53.4	53.9	56.3	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-018A	1	B	67	66	50.7	51.2	53.7	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-018B	1	B	67	66	54.0	54.5	56.7	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-019A	1	B	67	66	50.8	51.3	53.8	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-019B	1	B	67	66	54.2	54.7	57.2	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-020A	1	B	67	66	50.9	51.4	53.8	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-020B	1	B	67	66	54.1	54.6	57.3	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-021A	1	B	67	66	50.7	51.2	53.7	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-021B	1	B	67	66	53.9	54.4	57.1	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-022A	1	B	67	66	56.2	56.7	60.8	4.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-022B	1	B	67	66	59.9	60.4	64.0	4.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-023A	1	B	67	66	51.8	52.3	56.0	4.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-023B	1	B	67	66	55.7	56.2	59.2	3.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-024A	1	B	67	66	46.8	47.3	50.5	3.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-024B	1	B	67	66	50.7	51.2	54.5	3.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-025A	1	B	67	66	46.6	47.1	50.4	3.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-025B	1	B	67	66	50.7	51.2	54.5	3.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-026A	1	B	67	66	61.7	62.2	63.9	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-026B	1	B	67	66	65.7	66.2	68.7	3.0	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-027A	1	B	67	66	56.5	57.0	59.4	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-027B	1	B	67	66	60.3	60.8	62.8	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-028A	1	B	67	66	56.2	56.7	59.6	3.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-028B	1	B	67	66	59.9	60.4	63.1	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-029A	1	B	67	66	55.7	56.2	59.0	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-029B	1	B	67	66	59.2	59.7	62.4	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-030A	1	B	67	66	54.3	54.8	57.6	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-030B	1	B	67	66	57.5	58.0	60.8	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-031A	1	B	67	66	53.9	54.4	57.2	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-031B	1	B	67	66	57.0	57.5	60.3	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-032A	1	B	67	66	52.8	53.3	56.1	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-032B	1	B	67	66	55.7	56.2	58.8	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-034A	2	B	67	66	53.8	54.3	57.1	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-034B	2	B	67	66	56.7	57.2	60.5	3.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-035A	1	B	67	66	54.6	55.1	57.9	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-035B	1	B	67	66	57.8	58.3	61.8	4.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-036A	1	B	67	66	54.8	55.3	58.1	3.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-036B	1	B	67	66	58.1	58.6	62.1	4.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-037A	1	B	67	66	51.3	51.8	54.2	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-037B	1	B	67	66	53.5	54.0	56.3	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-038A	1	B	67	66	51.7	52.2	54.8	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-038B	1	B	67	66	54.0	54.5	56.8	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-039A	1	B	67	66	51.7	52.2	54.7	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-039B	1	B	67	66	54.0	54.5	56.7	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-040A	1	B	67	66	51.9	52.4	54.8	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-040B	1	B	67	66	54.3	54.8	57.1	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-041A	1	B	67	66	55.1	55.6	57.8	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-041B	1	B	67	66	58.6	59.1	61.7	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-042A	1	B	67	66	56.8	57.3	59.4	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-042B	1	B	67	66	60.6	61.1	63.5	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-043A	1	B	67	66	47.7	48.2	50.6	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-043B	1	B	67	66	52.3	52.8	55.3	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-044A	1	B	67	66	47.7	48.2	50.6	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-044B	1	B	67	66	52.3	52.8	55.2	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-045A	1	B	67	66	47.7	48.2	50.4	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-045B	1	B	67	66	51.8	52.3	54.8	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-046A	1	B	67	66	47.6	48.1	50.4	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-046B	1	B	67	66	51.9	52.4	54.8	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-047A	1	B	67	66	50.1	50.6	52.8	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-047B	1	B	67	66	53.8	54.3	56.7	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-048A	1	B	67	66	48.1	48.6	50.9	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-048B	1	B	67	66	52.2	52.7	55.2	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-049A	1	B	67	66	48.9	49.4	51.4	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-049B	1	B	67	66	52.9	53.4	55.6	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-050A	1	B	67	66	48.1	48.6	50.6	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-050B	1	B	67	66	52.4	52.9	55.1	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-051A	1	B	67	66	54.8	55.3	54.9	0.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-051B	1	B	67	66	58.5	59.0	58.0	-0.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-052A	1	B	67	66	56.1	56.6	55.6	-0.5	No	No	LAKESHORE CONDOMINIUMS

Predicted Noise Levels

Appendix B-1

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
NB03	RNB03-052B	1	B	67	66	59.5	60.0	58.6	-0.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-053A	1	B	67	66	48.5	49.0	50.2	1.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-053B	1	B	67	66	52.7	53.2	54.6	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-054A	1	B	67	66	48.5	49.0	50.2	1.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-054B	1	B	67	66	52.7	53.2	54.6	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-055A	1	B	67	66	48.0	48.5	49.9	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-055B	1	B	67	66	52.2	52.7	54.4	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-056A	1	B	67	66	48.2	48.7	50.0	1.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-056B	1	B	67	66	52.7	53.2	54.9	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-057A	1	B	67	66	48.3	48.8	49.1	0.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-057B	1	B	67	66	51.0	51.5	52.8	1.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-058A	1	B	67	66	47.8	48.3	49.0	1.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-058B	1	B	67	66	51.3	51.8	53.2	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-059A	1	B	67	66	47.8	48.3	49.1	1.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-059B	1	B	67	66	51.6	52.1	53.5	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-060A	1	B	67	66	47.7	48.2	49.0	1.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-060B	1	B	67	66	51.6	52.1	53.5	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-061A	1	B	67	66	55.5	56.0	57.9	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-061B	1	B	67	66	59.1	59.6	61.1	2.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-062A	3	B	67	66	52.6	53.1	55.6	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-062B	3	B	67	66	54.3	54.8	57.3	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-063A	3	B	67	66	53.0	53.5	56.0	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-063B	3	B	67	66	54.8	55.3	58.0	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-064A	1	B	67	66	53.3	53.8	56.2	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-064B	1	B	67	66	55.5	56.0	58.7	3.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-065A	1	B	67	66	53.8	54.3	56.6	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-065B	1	B	67	66	56.1	56.6	58.9	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-066A	1	B	67	66	54.1	54.6	56.8	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-066B	1	B	67	66	56.3	56.8	59.0	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-067A	1	B	67	66	53.9	54.4	56.6	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-067B	1	B	67	66	56.1	56.6	58.8	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-068A	1	B	67	66	54.1	54.6	56.7	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-068B	1	B	67	66	56.4	56.9	58.7	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-069A	1	B	67	66	54.5	55.0	56.8	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-069B	1	B	67	66	56.7	57.2	58.8	2.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-070A	1	B	67	66	54.3	54.8	56.6	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-070B	1	B	67	66	56.4	56.9	58.6	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-071A	1	B	67	66	54.1	54.6	56.4	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-071B	1	B	67	66	56.2	56.7	58.3	2.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-072A	1	B	67	66	54.3	54.8	56.6	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-072B	1	B	67	66	56.6	57.1	58.6	2.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-073A	1	B	67	66	54.1	54.6	56.3	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-073B	1	B	67	66	56.2	56.7	58.3	2.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-074A	1	B	67	66	54.0	54.5	56.2	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-074B	1	B	67	66	55.7	56.2	58.0	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-075A	1	B	67	66	53.8	54.3	56.0	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-075B	1	B	67	66	55.5	56.0	57.7	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-076A	1	B	67	66	53.5	54.0	55.8	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-076B	1	B	67	66	55.1	55.6	57.4	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-077A	1	B	67	66	53.3	53.8	55.8	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-077B	1	B	67	66	54.9	55.4	57.3	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-078A	8	B	67	66	53.0	53.5	55.6	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-078B	8	B	67	66	54.7	55.2	57.2	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-079A	1	B	67	66	53.9	54.4	56.4	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-079B	1	B	67	66	56.0	56.5	58.3	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-080A	1	B	67	66	54.2	54.7	56.9	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-080B	1	B	67	66	56.4	56.9	58.8	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-081A	1	B	67	66	54.2	54.7	56.8	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-081B	1	B	67	66	56.4	56.9	58.7	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-082A	1	B	67	66	54.4	54.9	56.9	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-082B	1	B	67	66	56.7	57.2	58.8	2.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-083A	1	B	67	66	54.2	54.7	56.6	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-083B	1	B	67	66	56.6	57.1	58.7	2.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-084A	1	B	67	66	52.6	53.1	54.9	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-084B	1	B	67	66	54.5	55.0	56.8	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-095A	1	B	67	66	51.9	52.4	54.1	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-095B	1	B	67	66	54.2	54.7	56.4	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-096A	1	B	67	66	50.7	51.2	52.5	1.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-096B	1	B	67	66	53.1	53.6	54.9	1.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-097A	1	B	67	66	50.6	51.1	52.5	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-097B	1	B	67	66	52.9	53.4	54.5	1.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-098A	1	B	67	66	56.6	57.1	57.0	0.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-098B	1	B	67	66	60.2	60.7	59.3	-0.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-099A	4	B	67	66	55.2	55.7	57.6	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-099B	4	B	67	66	58.1	58.6	59.5	1.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-100A	1	B	67	66	54.4	54.9	57.2	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-100B	1	B	67	66	57.0	57.5	59.4	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-101A	1	B	67	66	54.4	54.9	57.3	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-101B	1	B	67	66	57.0	57.5	59.5	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-102A	1	B	67	66	54.6	55.1	57.5	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-102B	1	B	67	66	57.2	57.7	59.7	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-103A	1	B	67	66	54.8	55.3	57.6	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-103B	1	B	67	66	57.3	57.8	59.8	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-104A	1	B	67	66	54.9	55.4	57.7	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-104B	1	B	67	66	57.3	57.8	59.9	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-105A	1	B	67	66	55.0	55.5	57.8	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-105B	1	B	67	66	57.7	58.2	60.3	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-106A	1	B	67	66	54.9	55.4	57.8	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-106B	1	B	67	66	57.7	58.2	60.2	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-107A	1	B	67	66	54.6	55.1	57.6	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-107B	1	B	67	66	57.6	58.1	60.0	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-108A	1	B	67	66	54.6	55.1	57.5	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-108B	1	B	67	66	57.6	58.1	59.8	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-109A	1	B	67	66	53.4	53.9	56.4	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-109B	1	B	67	66	56.6	57.1	59.0	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-110A	1	B	67	66	52.7	53.2	55.5	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-110B	1	B	67	66	55.1	55.6	58.0	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-111A	1	B	67	66	53.2	53.7	55.9	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-111B	1	B	67	66	55.6	56.1	58.5	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-112A	1	B	67	66	53.7	54.2	56.2	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-112B	1	B	67	66	56.0	56.5	58.5	2.5	No	No	LAKESHORE CONDOMINIUMS

Predicted Noise Levels

Appendix B-1

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
NB03	RNB03-113A	1	B	67	66	59.3	59.8	61.5	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-113B	1	B	67	66	62.1	62.6	64.1	2.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-114A	1	B	67	66	58.3	58.8	59.0	0.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-114B	1	B	67	66	61.3	61.8	61.1	-0.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-115A	1	B	67	66	48.7	49.2	50.8	2.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-115B	1	B	67	66	51.6	52.1	54.4	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-116A	1	B	67	66	48.5	49.0	50.7	2.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-116B	1	B	67	66	52.0	52.5	54.8	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-117A	1	B	67	66	48.7	49.2	51.1	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-117B	1	B	67	66	51.8	52.3	54.7	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-118A	1	B	67	66	48.6	49.1	51.0	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-118B	1	B	67	66	52.1	52.6	55.0	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-119A	1	B	67	66	57.3	57.8	60.3	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-119B	1	B	67	66	59.6	60.1	63.0	3.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-120A	1	B	67	66	56.5	57.0	59.6	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-120B	1	B	67	66	59.4	59.9	63.1	3.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-121A	1	B	67	66	49.3	49.8	51.8	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-121B	1	B	67	66	52.3	52.8	54.7	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-122A	1	B	67	66	49.3	49.8	51.7	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-122B	1	B	67	66	52.4	52.9	54.9	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-123A	1	B	67	66	50.4	50.9	52.4	2.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-123B	1	B	67	66	53.5	54.0	55.8	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-124A	1	B	67	66	57.7	58.2	59.3	1.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-124B	1	B	67	66	60.4	60.9	61.9	1.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-125A	1	B	67	66	56.3	56.8	58.8	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-125B	1	B	67	66	58.6	59.1	60.5	1.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-126A	1	B	67	66	55.5	56.0	58.4	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-126B	1	B	67	66	57.8	58.3	60.2	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-127A	1	B	67	66	54.5	55.0	57.5	3.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-127B	1	B	67	66	57.1	57.6	59.8	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-128A	1	B	67	66	54.2	54.7	57.3	3.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-128B	1	B	67	66	56.8	57.3	59.6	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-129A	1	B	67	66	54.4	54.9	57.3	2.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-129B	1	B	67	66	56.9	57.4	59.6	2.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-130A	1	B	67	66	55.4	55.9	58.2	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-130B	1	B	67	66	57.8	58.3	60.4	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-131A	1	B	67	66	55.8	56.3	58.6	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-131B	1	B	67	66	58.1	58.6	60.9	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-132A	1	B	67	66	55.8	56.3	58.6	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-132B	1	B	67	66	58.1	58.6	60.9	2.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-133A	1	B	67	66	55.8	56.3	58.4	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-133B	1	B	67	66	58.2	58.7	60.8	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-134A	1	B	67	66	55.7	56.2	58.3	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-134B	1	B	67	66	58.1	58.6	60.7	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-135A	1	B	67	66	55.6	56.1	58.1	2.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-135B	1	B	67	66	58.0	58.5	60.4	2.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-136A	6	B	67	66	55.6	56.1	58.2	2.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-136B	6	B	67	66	58.1	58.6	60.4	2.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-137A	1	B	67	66	62.3	62.8	62.7	0.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-137B	1	B	67	66	63.2	63.7	63.7	0.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-138A	1	B	67	66	62.1	62.6	62.5	0.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-138B	1	B	67	66	63.1	63.6	63.7	0.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-139A	1	B	67	66	62.2	62.7	62.6	0.4	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-139B	1	B	67	66	63.2	63.7	63.8	0.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-140A	1	B	67	66	62.4	62.9	62.9	0.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-140B	1	B	67	66	63.4	63.9	64.1	0.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-141A	1	B	67	66	62.4	62.9	62.9	0.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-141B	1	B	67	66	63.4	63.9	64.0	0.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-142A	1	B	67	66	62.6	63.1	63.1	0.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-142B	1	B	67	66	63.5	64.0	64.2	0.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-143A	1	B	67	66	62.7	63.2	63.2	0.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-143B	1	B	67	66	63.6	64.1	64.3	0.7	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-144A	1	B	67	66	62.8	63.3	63.3	0.5	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-144B	1	B	67	66	63.7	64.2	64.5	0.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-145A	1	B	67	66	62.8	63.3	63.4	0.6	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-145B	1	B	67	66	63.7	64.2	64.6	0.9	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-146A	1	B	67	66	63.5	64.0	64.6	1.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-146B	1	B	67	66	64.6	65.1	66.0	1.4	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-147A	1	B	67	66	63.4	63.9	64.2	0.8	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-147B	1	B	67	66	64.4	64.9	65.6	1.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-148A	1	B	67	66	63.6	64.1	64.6	1.0	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-148B	1	B	67	66	64.7	65.2	66.2	1.5	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-149A	1	B	67	66	63.7	64.2	64.8	1.1	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-149B	1	B	67	66	64.9	65.4	66.5	1.6	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-150A	1	B	67	66	64.1	64.6	65.3	1.2	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-150B	1	B	67	66	65.6	66.1	67.2	1.6	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-151A	1	B	67	66	64.2	64.7	65.5	1.3	No	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-151B	1	B	67	66	65.9	66.4	67.5	1.6	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-152A	1	B	67	66	65.1	65.6	66.5	1.4	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-152B	1	B	67	66	67.2	67.7	68.8	1.6	Yes	No	LAKESHORE CONDOMINIUMS
NB03	RNB03-153	1	B	67	66	66.2	66.7	68.2	2.0	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-154	1	B	67	66	65.1	65.6	67.5	2.4	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-155	1	B	67	66	64.8	65.3	67.3	2.5	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-156	1	B	67	66	64.3	64.8	66.9	2.6	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-157	1	B	67	66	64.3	64.8	66.9	2.6	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-158	1	B	67	66	64.1	64.6	66.7	2.6	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-159	1	B	67	66	63.9	64.4	66.6	2.7	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-160	1	B	67	66	63.4	63.9	66.1	2.7	Yes	No	GARDENS OF HOMESTEAD
NB03	RNB03-161	1	B	67	66	61.7	62.2	64.7	3.0	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-162	2	B	67	66	59.7	60.2	63.1	3.4	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-163	2	B	67	66	57.9	58.4	61.6	3.7	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-164	2	B	67	66	58.5	59.0	61.0	2.5	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-165	2	B	67	66	59.9	60.4	61.7	1.8	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-166	2	B	67	66	63.1	63.6	64.2	1.1	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-167	2	B	67	66	59.8	60.3	63.4	3.6	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-168	2	B	67	66	60.8	61.3	64.3	3.5	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-169	2	B	67	66	58.0	58.5	62.0	4.0	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-170	3	B	67	66	62.7	63.1	63.4	0.7	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-171	3	B	67	66	58.9	59.9	60.9	2.0	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-172	4	B	67	66	57.2	58.7	60.5	3.3	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-173	12	B	67	66	61.2	62.1	62.6	1.4	No	No	LAKESHORE CONDOMINIUMS

Predicted Noise Levels

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
NB03	RNB03-174	6	B	67	66	62.9	63.1	63.4	0.5	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-175	6	B	67	66	62.7	63.0	63.2	0.5	No	No	KEYSTONE VILLAGE
NB03	RNB03-176	6	B	67	66	63.9	64.2	64.4	0.5	No	No	GARDENS OF HOMESTEAD
NB03	RNB03-177	6	B	67	66	55.9	57.4	59.2	3.3	No	No	LAKE SHORE CONDOMINIUMS
NB03	RNB03-178	4	B	67	66	56.6	58.3	60.6	4.0	No	No	GARDENS OF HOMESTEAD
NB04	RNB04-001	1	B	67	66	64.8	66.9	69.9	5.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-002	1	B	67	66	66.6	68.8	71.3	4.7	Yes	No	TENNESSEE ESTATES
NB04	RNB04-003	1	B	67	66	68.2	70.5	74.3	6.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-004	1	B	67	66	68.9	71.1	74.8	5.9	Yes	No	TENNESSEE ESTATES
NB04	RNB04-005	1	B	67	66	68.9	71.1	74.8	5.9	Yes	No	TENNESSEE ESTATES
NB04	RNB04-006	1	B	67	66	68.9	71.2	74.9	6.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-007	1	B	67	66	69.2	71.5	75.2	6.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-008	1	B	67	66	69.2	71.4	75.3	6.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-009	1	B	67	66	68.6	70.9	75.0	6.4	Yes	No	TENNESSEE ESTATES
NB04	RNB04-010	1	B	67	66	68.8	71.1	75.2	6.4	Yes	No	TENNESSEE ESTATES
NB04	RNB04-011	1	B	67	66	68.8	71.1	75.4	6.6	Yes	No	TENNESSEE ESTATES
NB04	RNB04-012	1	B	67	66	68.9	71.1	75.5	6.6	Yes	No	TENNESSEE ESTATES
NB04	RNB04-013	1	B	67	66	68.7	71.0	75.6	6.9	Yes	No	TENNESSEE ESTATES
NB04	RNB04-014	1	B	67	66	68.7	70.9	75.7	7.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-015	1	B	67	66	68.8	71.0	75.9	7.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-016	1	B	67	66	68.6	70.8	75.9	7.3	Yes	No	TENNESSEE ESTATES
NB04	RNB04-017	1	B	67	66	68.5	70.8	75.9	7.4	Yes	No	TENNESSEE ESTATES
NB04	RNB04-018	1	B	67	66	68.7	71.0	76.1	7.4	Yes	No	TENNESSEE ESTATES
NB04	RNB04-019	1	B	67	66	68.7	71.0	76.2	7.5	Yes	No	TENNESSEE ESTATES
NB04	RNB04-020	1	B	67	66	68.7	71.0	76.1	7.4	Yes	No	TENNESSEE ESTATES
NB04	RNB04-021	1	B	67	66	68.5	70.8	76.0	7.5	Yes	No	TENNESSEE ESTATES
NB04	RNB04-022	1	B	67	66	68.8	71.1	76.2	7.4	Yes	No	TENNESSEE ESTATES
NB04	RNB04-023	1	B	67	66	68.6	70.9	76.1	7.5	Yes	No	TENNESSEE ESTATES
NB04	RNB04-024	1	B	67	66	62.1	64.4	67.6	5.5	Yes	No	TENNESSEE ESTATES
NB04	RNB04-025	1	B	67	66	62.3	64.5	67.4	5.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-026	1	B	67	66	62.2	64.4	67.4	5.2	Yes	No	TENNESSEE ESTATES
NB04	RNB04-027	1	B	67	66	62.6	64.9	67.3	4.7	Yes	No	TENNESSEE ESTATES
NB04	RNB04-028	1	B	67	66	62.3	64.5	67.1	4.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-029	1	B	67	66	62.4	64.7	67.2	4.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-030	1	B	67	66	62.6	64.8	67.4	4.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-031	1	B	67	66	62.7	64.9	67.5	4.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-032	1	B	67	66	62.9	65.1	67.6	4.7	Yes	No	TENNESSEE ESTATES
NB04	RNB04-033	1	B	67	66	60.3	62.5	66.0	5.7	Yes	No	TENNESSEE ESTATES
NB04	RNB04-034	1	B	67	66	59.7	61.8	65.6	5.9	No	No	TENNESSEE ESTATES
NB04	RNB04-035	1	B	67	66	59.8	61.5	64.7	4.9	No	No	TENNESSEE ESTATES
NB04	RNB04-036	1	B	67	66	57.6	59.8	64.7	7.1	No	No	TENNESSEE ESTATES
NB04	RNB04-037	1	B	67	66	70.0	72.3	76.9	6.9	Yes	No	TENNESSEE ESTATES
NB04	RNB04-038	1	B	67	66	69.7	72.0	76.7	7.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-039	1	B	67	66	69.7	72.0	76.7	7.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-040	1	B	67	66	69.8	72.1	76.8	7.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-041	1	B	67	66	69.0	71.3	76.3	7.3	Yes	No	TENNESSEE ESTATES
NB04	RNB04-042	1	B	67	66	69.0	71.2	76.2	7.2	Yes	No	TENNESSEE ESTATES
NB04	RNB04-043	1	B	67	66	69.2	71.4	76.3	7.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-044	1	B	67	66	69.2	71.4	76.2	7.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-045	1	B	67	66	69.2	71.4	76.2	7.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-046	1	B	67	66	69.1	71.4	75.9	6.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-047	1	B	67	66	68.6	70.9	73.6	5.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-048	1	B	67	66	68.3	70.6	72.6	4.3	Yes	No	TENNESSEE ESTATES
NB04	RNB04-049	1	B	67	66	67.6	69.8	71.8	4.2	Yes	No	TENNESSEE ESTATES
NB04	RNB04-050	1	B	67	66	67.2	69.5	71.1	3.9	Yes	No	TENNESSEE ESTATES
NB04	RNB04-051	1	B	67	66	67.0	69.2	70.3	3.3	Yes	No	TENNESSEE ESTATES
NB04	RNB04-052	1	B	67	66	66.7	69.0	69.8	3.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-053	1	B	67	66	66.8	69.0	69.1	2.3	Yes	No	TENNESSEE ESTATES
NB04	RNB04-054	1	B	67	66	66.6	68.9	68.7	2.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-055	1	B	67	66	66.7	68.9	68.5	1.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-056	1	B	67	66	64.1	66.2	69.1	5.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-057	1	B	67	66	63.5	65.8	67.2	3.7	Yes	No	TENNESSEE ESTATES
NB04	RNB04-058	1	B	67	66	63.5	65.8	67.2	3.7	Yes	No	TENNESSEE ESTATES
NB04	RNB04-059	1	B	67	66	63.7	65.9	67.9	4.2	Yes	No	TENNESSEE ESTATES
NB04	RNB04-060	1	B	67	66	63.8	66.0	68.4	4.6	Yes	No	TENNESSEE ESTATES
NB04	RNB04-061	1	B	67	66	62.7	65.0	67.9	5.2	Yes	No	TENNESSEE ESTATES
NB04	RNB04-062	1	B	67	66	62.9	65.2	67.9	5.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-063	1	B	67	66	63.2	65.5	67.3	4.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-064	1	B	67	66	58.2	60.4	65.0	6.8	No	No	TENNESSEE ESTATES
NB04	RNB04-065	1	B	67	66	62.4	64.6	68.0	5.6	Yes	No	TENNESSEE ESTATES
NB04	RNB04-066	1	B	67	66	62.3	64.6	67.8	5.5	Yes	No	TENNESSEE ESTATES
NB04	RNB04-068	2	B	67	66	63.7	65.5	68.8	5.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-069	2	B	67	66	62.6	64.6	67.7	5.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-070	2	B	67	66	60.9	62.7	63.1	2.2	No	No	TENNESSEE ESTATES
NB04	RNB04-071	2	B	67	66	60.2	62.3	63.9	3.7	No	No	TENNESSEE ESTATES
NB04	RNB04-072	2	B	67	66	59.8	62.0	62.5	2.7	No	No	TENNESSEE ESTATES
NB04	RNB04-073	2	B	67	66	61.7	63.9	67.0	5.3	Yes	No	TENNESSEE ESTATES
NB04	RNB04-074	2	B	67	66	61.5	63.7	67.3	5.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-075	2	B	67	66	61.1	63.3	67.1	6.0	Yes	No	TENNESSEE ESTATES
NB04	RNB04-076	2	B	67	66	61.0	63.3	67.2	6.2	Yes	No	TENNESSEE ESTATES
NB04	RNB04-077	2	B	67	66	60.7	63.0	66.9	6.2	Yes	No	TENNESSEE ESTATES
NB04	RNB04-078	2	B	67	66	59.4	61.6	66.2	6.8	Yes	No	TENNESSEE ESTATES
NB04	RNB04-079	2	B	67	66	59.4	61.6	66.0	6.6	Yes	No	TENNESSEE ESTATES
NB04	RNB04-080	2	B	67	66	59.1	61.3	65.8	6.7	No	No	TENNESSEE ESTATES
NB04	RNB04-081	2	B	67	66	58.7	60.6	63.2	4.5	No	No	TENNESSEE ESTATES
NB04	RNB04-082	2	B	67	66	63.4	64.3	66.9	3.5	Yes	No	TENNESSEE ESTATES
NB04	RNB04-083	2	B	67	66	58.5	60.2	63.4	4.9	No	No	TENNESSEE ESTATES
NB04	RNB04-084	2	B	67	66	58.3	59.6	63.1	4.8	No	No	TENNESSEE ESTATES
NB04	RNB04-085	2	B	67	66	63.3	65.4	68.4	5.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-086	2	B	67	66	61.4	63.4	65.6	4.2	No	No	TENNESSEE ESTATES
NB04	RNB04-087	2	B	67	66	61.9	64.1	62.9	1.0	No	No	TENNESSEE ESTATES
NB04	RNB04-088	2	B	67	66	61.4	63.6	64.4	3.0	No	No	TENNESSEE ESTATES
NB04	RNB04-089	2	B	67	66	60.4	62.6	64.1	3.7	No	No	TENNESSEE ESTATES
NB04	RNB04-090	2	B	67	66	60.1	62.4	65.1	5.0	No	No	TENNESSEE ESTATES
NB04	RNB04-091	2	B	67	66	61.3	63.5	67.4	6.1	Yes	No	TENNESSEE ESTATES
NB04	RNB04-092	2	B	67	66	58.9	61.1	65.9	7.0	No	No	TENNESSEE ESTATES
NB04	RNB04-093	3	B	67	66	62.7	63.5	65.8	3.1	No	No	TENNESSEE ESTATES
NB04	RNB04-094	3	B	67	66	58.2	60.3	64.7	6.5	No	No	TENNESSEE ESTATES
NB04	RNB04-095	3	B	67	66	58.0	60.2	65.1	7.1	No	No	TENNESSEE ESTATES
NB04	RNB04-096	3	B	67	66	56.6	58.7	63.8	7.2	No	No	TENNESSEE ESTATES
NB04	RNB04-097	3	B	67	66	56.1	58.1	63.4	7.3	No	No	TENNESSEE ESTATES

Predicted Noise Levels

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
NB04	RNB04-098	3	B	67	66	57.1	59.0	63.3	6.2	No	No	TENNESSEE ESTATES
NB04	RNB04-099	3	B	67	66	62.4	63.0	65.1	2.7	No	No	TENNESSEE ESTATES
NB04	RNB04-100	3	B	67	66	59.6	61.6	63.6	4.0	No	No	TENNESSEE ESTATES
NB04	RNB04-101	3	B	67	66	59.9	62.1	64.5	4.6	No	No	TENNESSEE ESTATES
NB04	RNB04-102	3	B	67	66	59.8	62.0	65.5	5.7	No	No	TENNESSEE ESTATES
NB04	RNB04-103	3	B	67	66	57.6	59.8	64.7	7.1	No	No	TENNESSEE ESTATES
NB05	RNB05-002	2	B	67	66	53.9	56.0	61.5	7.6	No	No	VENTANAS AT HOMESTEAD
NB05	RNB05-003	2	B	67	66	55.3	57.5	62.9	7.6	No	No	VENTANAS AT HOMESTEAD
NB05	RNB05-004	2	B	67	66	54.8	57.0	62.5	7.7	No	No	VENTANAS AT HOMESTEAD
NB05	RNB05-026	2	B	67	66	55.7	57.8	60.1	4.4	No	No	BARBADOS AT OASIS
NB05	RNB05-027	2	B	67	66	54.6	56.7	58.7	4.1	No	No	BARBADOS AT OASIS
NB05	RNB05-028	2	B	67	66	55.0	57.0	59.3	4.3	No	No	BARBADOS AT OASIS
NB05	RNB05-029	2	B	67	66	55.7	57.8	60.1	4.4	No	No	BARBADOS AT OASIS
NB05	RNB05-030	3	B	67	66	56.1	58.2	60.6	4.5	No	No	ATLANTIS AT OASIS
NB05	RNB05-031	3	B	67	66	56.6	58.7	61.6	5.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-032	2	B	67	66	56.7	58.9	61.6	4.9	No	No	ATLANTIS AT OASIS
NB05	RNB05-033	2	B	67	66	56.7	58.8	61.4	4.7	No	No	ATLANTIS AT OASIS
NB05	RNB05-034	2	B	67	66	57.0	59.1	62.0	5.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-035	1	B	67	66	57.1	59.3	62.2	5.1	No	No	ATLANTIS AT OASIS
NB05	RNB05-036	1	B	67	66	57.3	59.5	62.4	5.1	No	No	ATLANTIS AT OASIS
NB05	RNB05-037	1	B	67	66	57.5	59.6	62.5	5.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-038	1	B	67	66	57.7	59.9	62.7	5.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-039	1	B	67	66	57.9	60.1	62.9	5.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-040	1	B	67	66	58.1	60.3	63.1	5.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-041	1	B	67	66	57.5	59.7	62.2	4.7	No	No	ATLANTIS AT OASIS
NB05	RNB05-042	1	B	67	66	57.6	59.8	62.0	4.4	No	No	ATLANTIS AT OASIS
NB05	RNB05-043	1	B	67	66	58.0	60.2	62.4	4.4	No	No	ATLANTIS AT OASIS
NB05	RNB05-044	1	B	67	66	58.2	60.4	62.6	4.4	No	No	ATLANTIS AT OASIS
NB05	RNB05-045	1	B	67	66	57.9	60.1	62.3	4.4	No	No	ATLANTIS AT OASIS
NB05	RNB05-046	1	B	67	66	58.2	60.3	62.5	4.3	No	No	ATLANTIS AT OASIS
NB05	RNB05-047	1	B	67	66	57.5	59.6	61.7	4.2	No	No	ATLANTIS AT OASIS
NB05	RNB05-048	1	B	67	66	58.0	60.2	62.2	4.2	No	No	ATLANTIS AT OASIS
NB05	RNB05-049	1	B	67	66	57.7	59.8	61.8	4.1	No	No	ATLANTIS AT OASIS
NB05	RNB05-050	1	B	67	66	58.7	60.8	62.9	4.2	No	No	ATLANTIS AT OASIS
NB05	RNB05-051	1	B	67	66	58.6	60.7	62.7	4.1	No	No	ATLANTIS AT OASIS
NB05	RNB05-052	1	B	67	66	59.9	62.0	64.3	4.4	No	No	ATLANTIS AT OASIS
NB05	RNB05-053	1	B	67	66	60.4	62.5	64.8	4.4	No	No	ATLANTIS AT OASIS
NB05	RNB05-054	1	B	67	66	61.0	63.1	65.4	4.4	No	No	ATLANTIS AT OASIS
NB05	RNB05-055	1	B	67	66	60.8	62.9	65.3	4.5	No	No	ATLANTIS AT OASIS
NB05	RNB05-056	1	B	67	66	60.9	63.0	65.5	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-057	1	B	67	66	60.4	62.5	65.1	4.7	No	No	ATLANTIS AT OASIS
NB05	RNB05-058	2	B	67	66	60.4	62.5	65.2	4.8	No	No	ATLANTIS AT OASIS
NB05	RNB05-059	2	B	67	66	60.7	62.8	65.3	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-060	2	B	67	66	59.7	61.8	64.6	4.9	No	No	ATLANTIS AT OASIS
NB05	RNB05-061	2	B	67	66	59.3	61.3	64.2	4.9	No	No	ATLANTIS AT OASIS
NB05	RNB05-062	2	B	67	66	59.1	61.1	64.1	5.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-063	3	B	67	66	58.7	60.7	63.5	4.8	No	No	ATLANTIS AT OASIS
NB05	RNB05-064	1	B	67	66	58.5	60.3	63.1	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-065	3	B	67	66	57.2	59.2	61.9	4.7	No	No	ATLANTIS AT OASIS
NB05	RNB05-066	3	B	67	66	57.8	59.9	62.6	4.8	No	No	ATLANTIS AT OASIS
NB05	RNB05-067	2	B	67	66	58.1	60.2	62.6	4.5	No	No	ATLANTIS AT OASIS
NB05	RNB05-068	2	B	67	66	58.4	60.5	62.9	4.5	No	No	ATLANTIS AT OASIS
NB05	RNB05-069	2	B	67	66	58.5	60.6	63.1	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-070	2	B	67	66	58.4	60.5	63.0	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-071	1	B	67	66	57.9	60.0	62.5	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-072	2	B	67	66	57.7	59.8	62.2	4.5	No	No	ATLANTIS AT OASIS
NB05	RNB05-073	2	B	67	66	57.6	59.7	62.2	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-074	3	B	67	66	57.1	59.2	61.6	4.5	No	No	ATLANTIS AT OASIS
NB05	RNB05-075	3	B	67	66	56.7	58.8	61.3	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-076	3	B	67	66	55.6	57.2	59.6	4.0	No	No	ATLANTIS AT OASIS
NB05	RNB05-077	3	B	67	66	57.1	58.7	61.2	4.1	No	No	ATLANTIS AT OASIS
NB05	RNB05-078	2	B	67	66	58.0	59.6	62.6	4.6	No	No	ATLANTIS AT OASIS
NB05	RNB05-079	8	B	67	66	55.8	57.6	60.3	4.5	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-080	4	B	67	66	57.0	58.7	61.3	4.3	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-081	4	B	67	66	58.8	60.1	62.6	3.8	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-082	4	B	67	66	59.8	60.9	63.1	3.3	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-083	4	B	67	66	59.9	61.0	62.8	2.9	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-084	4	B	67	66	59.6	60.7	62.3	2.7	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-085	4	B	67	66	59.2	60.2	61.9	2.7	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-086	4	B	67	66	58.7	59.8	61.5	2.8	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-087	4	B	67	66	58.3	59.4	61.1	2.8	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-088	4	B	67	66	57.7	58.8	60.5	2.8	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-089	4	B	67	66	57.3	58.4	60.1	2.8	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-090	8	B	67	66	56.8	57.9	59.7	2.9	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-091	4	B	67	66	50.1	51.6	54.7	4.6	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-092	4	B	67	66	47.9	49.0	50.9	3.0	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-093	4	B	67	66	50.6	51.4	53.5	2.9	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-094	4	B	67	66	50.1	51.5	54.4	4.3	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-095	4	B	67	66	47.2	48.2	49.8	2.6	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-096	4	B	67	66	50.2	51.3	53.1	2.9	No	No	CARIBBEAN ISLES VILLAS CONDO
NB05	RNB05-097	8	B	67	66	49.4	50.8	53.2	3.8	No	No	CARIBBEAN ISLES VILLAS CONDO
NB06	RNB06-003	1	B	67	66	60.9	61.5	63.5	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-004	1	B	67	66	60.9	61.5	63.5	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-005	1	B	67	66	60.9	61.4	63.4	2.5	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-006	1	B	67	66	61.0	61.5	63.5	2.5	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-007	1	B	67	66	60.9	61.5	63.5	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-008	1	B	67	66	60.9	61.5	63.5	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-009	1	B	67	66	61.0	61.5	63.5	2.5	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-010	1	B	67	66	61.0	61.5	63.5	2.5	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-011	1	B	67	66	60.9	61.5	63.5	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-012	1	B	67	66	60.5	61.0	63.1	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-013	1	B	67	66	61.0	61.5	63.6	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-014	1	B	67	66	60.6	61.2	63.2	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-015	1	B	67	66	61.0	61.5	63.6	2.6	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-016	1	B	67	66	60.6	61.1	63.3	2.7	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-017	2	B	67	66	60.7	61.2	63.4	2.7	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-018	2	B	67	66	60.3	60.9	63.0	2.7	No	No	VILLAS AT PORTOFINO EAST
NB06	RNB06-019	2	B	67	66	60.6	61.1	63.4	2.8	No	No	VILLAS AT PORTOFINO EAST
SB04	RSB04-001A	1	B	67	66	65.5	67.8	73.4	7.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-001B	1	B	67	66	69.3	71.5	74.3	5.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-002A	1	B	67	66	60.8	63.1	69.3	8.5	Yes	No	COLONY LAKES APARTMENTS

Predicted Noise Levels

Appendix B-1

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
SB04	RSB04-002B	1	B	67	66	64.7	66.9	70.4	5.7	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-003A	1	B	67	66	64.7	67.0	72.7	8.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-003B	1	B	67	66	68.3	70.6	73.6	5.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-004A	1	B	67	66	58.9	61.2	67.2	8.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-004B	1	B	67	66	62.7	64.9	68.6	5.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-005A	1	B	67	66	62.5	64.8	70.6	8.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-005B	1	B	67	66	66.0	68.2	71.9	5.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-006A	1	B	67	66	55.1	57.4	63.0	7.9	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-006B	1	B	67	66	58.7	61.0	65.0	6.3	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-007A	1	B	67	66	62.0	64.3	70.1	8.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-007B	1	B	67	66	65.4	67.7	71.6	6.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-008A	1	B	67	66	54.5	56.8	62.2	7.7	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-008B	1	B	67	66	58.0	60.3	64.4	6.4	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-009A	1	B	67	66	57.5	59.7	64.4	6.9	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-009B	1	B	67	66	60.5	62.7	66.9	6.4	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-010A	1	B	67	66	50.1	52.3	55.6	5.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-010B	1	B	67	66	52.3	54.6	58.0	5.7	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-011A	1	B	67	66	58.3	60.5	65.4	7.1	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-011B	1	B	67	66	61.3	63.5	67.9	6.6	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-012A	1	B	67	66	49.4	51.6	55.0	5.6	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-012B	1	B	67	66	51.8	54.0	57.6	5.8	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-013A	1	B	67	66	59.1	61.3	66.4	7.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-013B	1	B	67	66	62.2	64.4	69.0	6.8	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-014A	1	B	67	66	48.0	50.1	53.0	5.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-014B	1	B	67	66	50.5	52.7	55.8	5.3	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-015A	1	B	67	66	59.1	61.4	66.4	7.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-015B	1	B	67	66	62.1	64.4	69.0	6.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-016A	1	B	67	66	48.0	50.1	52.8	4.8	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-016B	1	B	67	66	50.6	52.8	55.7	5.1	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-017	8	B	67	66	58.1	60.4	63.9	5.8	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-018	8	B	67	66	57.1	59.4	62.7	5.6	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-019A	1	B	67	66	66.0	68.2	74.0	8.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-019B	1	B	67	66	69.9	72.1	74.8	4.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-020A	1	B	67	66	53.6	55.9	60.1	6.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-020B	1	B	67	66	56.6	58.9	61.6	5.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-021A	1	B	67	66	65.9	68.2	74.0	8.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-021B	1	B	67	66	69.8	72.1	74.8	5.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-022A	1	B	67	66	51.6	53.9	56.5	4.9	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-022B	1	B	67	66	54.6	56.8	59.1	4.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-023A	1	B	67	66	65.9	68.2	74.0	8.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-023B	1	B	67	66	69.8	72.1	74.7	4.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-024A	1	B	67	66	53.4	55.6	60.6	7.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-024B	1	B	67	66	57.2	59.4	62.7	5.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-025A	1	B	67	66	65.9	68.2	74.0	8.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-025B	1	B	67	66	69.8	72.1	74.8	5.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-026A	1	B	67	66	56.4	58.6	64.3	7.9	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-026B	1	B	67	66	60.3	62.5	66.0	5.7	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-027A	1	B	67	66	65.8	68.1	74.0	8.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-027B	1	B	67	66	69.8	72.1	74.7	4.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-028A	1	B	67	66	56.1	58.3	64.1	8.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-028B	1	B	67	66	59.8	62.1	65.3	5.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-029A	1	B	67	66	65.8	68.1	74.0	8.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-029B	1	B	67	66	69.8	72.0	74.7	4.9	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-030A	1	B	67	66	54.2	56.5	61.7	7.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-030B	1	B	67	66	58.0	60.2	63.2	5.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-031A	1	B	67	66	65.7	68.0	73.9	8.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-031B	1	B	67	66	69.7	72.0	74.7	5.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-032A	1	B	67	66	53.1	55.3	59.1	6.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-032B	1	B	67	66	56.7	59.0	61.7	5.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-033A	1	B	67	66	65.8	68.0	73.9	8.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-033B	1	B	67	66	69.7	72.0	74.7	5.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-034A	1	B	67	66	53.8	56.0	60.6	6.8	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-034B	1	B	67	66	57.6	59.8	62.8	5.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-035A	1	B	67	66	60.8	63.1	69.0	8.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-035B	1	B	67	66	64.4	66.7	70.6	6.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-036A	1	B	67	66	58.0	60.3	66.3	8.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-036B	1	B	67	66	61.7	64.0	68.3	6.6	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-037A	1	B	67	66	59.5	61.8	67.7	8.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-037B	1	B	67	66	63.1	65.3	69.4	6.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-038A	1	B	67	66	55.6	57.8	63.7	8.1	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-038B	1	B	67	66	59.3	61.6	66.0	6.7	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-039A	1	B	67	66	56.7	59.0	64.2	7.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-039B	1	B	67	66	59.9	62.2	66.3	6.4	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-040A	1	B	67	66	52.6	54.8	60.3	7.7	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-040B	1	B	67	66	56.0	58.3	62.9	6.9	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-041A	1	B	67	66	56.0	58.2	63.2	7.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-041B	1	B	67	66	59.1	61.4	65.5	6.4	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-042A	1	B	67	66	52.2	54.4	59.7	7.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-042B	1	B	67	66	55.5	57.8	62.5	7.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-043A	1	B	67	66	54.8	57.1	61.4	6.6	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-043B	1	B	67	66	57.8	60.0	63.9	6.1	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-044A	1	B	67	66	51.3	53.6	58.5	7.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-044B	1	B	67	66	54.4	56.7	61.4	7.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-045A	1	B	67	66	54.6	56.9	61.3	6.7	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-045B	1	B	67	66	57.6	59.9	64.1	6.5	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-046A	1	B	67	66	51.5	53.7	59.1	7.6	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-046B	1	B	67	66	54.9	57.2	62.2	7.3	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-047A	1	B	67	66	54.0	56.2	60.3	6.3	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-047B	1	B	67	66	56.7	59.0	63.0	6.3	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-048A	1	B	67	66	50.0	52.2	57.4	7.4	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-048B	1	B	67	66	53.4	55.6	60.6	7.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-049A	1	B	67	66	53.8	56.1	59.9	6.1	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-049B	1	B	67	66	56.5	58.8	62.6	6.1	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-050A	1	B	67	66	49.6	51.8	56.8	7.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-050B	1	B	67	66	52.8	55.1	60.0	7.2	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-051	6	B	67	66	53.3	55.5	59.3	6.0	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-052	6	B	67	66	53.4	55.6	59.3	5.9	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-053A	1	B	67	66	69.0	71.3	76.2	7.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-053B	1	B	67	66	72.5	74.7	76.7	4.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-054A	1	B	67	66	59.6	61.8	67.6	8.0	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-054B	1	B	67	66	64.0	66.2	68.6	4.6	Yes	No	COLONY LAKES APARTMENTS

Predicted Noise Levels

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
SB04	RSB04-055A	1	B	67	66	69.1	71.4	76.2	7.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-055B	1	B	67	66	72.5	74.8	76.8	4.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-056A	1	B	67	66	57.7	60.0	65.5	7.8	No	No	COLONY LAKES APARTMENTS
SB04	RSB04-056B	1	B	67	66	62.2	64.5	66.7	4.5	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-057A	1	B	67	66	69.0	71.3	76.2	7.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-057B	1	B	67	66	72.5	74.8	76.7	4.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-058A	1	B	67	66	58.0	60.3	66.1	8.1	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-058B	1	B	67	66	62.6	64.9	67.4	4.8	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-059A	1	B	67	66	69.0	71.3	76.2	7.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-059B	1	B	67	66	72.5	74.8	76.8	4.3	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-060A	1	B	67	66	60.6	62.8	68.8	8.2	Yes	No	COLONY LAKES APARTMENTS
SB04	RSB04-060B	1	B	67	66	65.0	67.2	69.9	4.9	Yes	No	COLONY LAKES APARTMENTS
SB04	NSB04-061	1	B	67	66	51.8	54.0	58.7	6.9	No	No	MONTEREY POINTE APARTMENTS
SB04	NSB04-062	1	B	67	66	49.8	52.0	55.9	6.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-063A	1	B	67	66	52.6	54.8	59.8	7.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-063B	1	B	67	66	55.9	58.1	63.1	7.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-064A	1	B	67	66	48.5	50.7	55.0	6.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-064B	1	B	67	66	51.3	53.5	58.0	6.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-065A	1	B	67	66	53.8	56.0	61.1	7.3	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-065B	1	B	67	66	57.2	59.4	64.4	7.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-066A	1	B	67	66	49.3	51.5	56.0	6.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-066B	1	B	67	66	52.3	54.5	59.1	6.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-067A	1	B	67	66	54.4	56.6	61.9	7.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-067B	1	B	67	66	57.9	60.2	65.2	7.3	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-068A	1	B	67	66	50.0	52.2	56.8	6.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-068B	1	B	67	66	53.0	55.3	59.9	6.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-069A	1	B	67	66	55.6	57.8	63.2	7.6	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-069B	1	B	67	66	59.2	61.4	66.5	7.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-070A	1	B	67	66	51.9	54.1	59.1	7.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-070B	1	B	67	66	55.2	57.4	62.3	7.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-071A	1	B	67	66	56.9	59.1	65.0	8.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-071B	1	B	67	66	60.7	62.9	67.9	7.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-072A	1	B	67	66	50.7	52.9	57.2	6.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-072B	1	B	67	66	53.6	55.8	60.0	6.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-073A	1	B	67	66	58.2	60.5	66.4	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-073B	1	B	67	66	62.0	64.3	69.0	7.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-074A	1	B	67	66	51.6	53.8	58.4	6.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-074B	1	B	67	66	54.7	57.0	61.1	6.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-075A	1	B	67	66	59.2	61.5	67.4	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-075B	1	B	67	66	63.0	65.3	69.7	6.7	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-076A	1	B	67	66	53.5	55.7	60.9	7.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-076B	1	B	67	66	56.9	59.2	63.6	6.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-077A	1	B	67	66	60.9	63.2	69.1	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-077B	1	B	67	66	64.6	66.9	71.0	6.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-078A	1	B	67	66	58.7	61.0	66.7	8.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-078B	1	B	67	66	62.4	64.7	69.0	6.6	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-079A	1	B	67	66	65.5	67.7	73.7	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-079B	1	B	67	66	69.6	71.8	74.7	5.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-080A	1	B	67	66	65.5	67.8	73.8	8.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-080B	1	B	67	66	69.6	71.8	74.7	5.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-081A	1	B	67	66	62.0	64.3	70.2	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-081B	1	B	67	66	65.9	68.1	71.7	5.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-082A	1	B	67	66	62.1	64.4	70.4	8.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-082B	1	B	67	66	66.0	68.3	71.9	5.9	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-083A	1	B	67	66	60.4	62.6	68.6	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-083B	1	B	67	66	64.2	66.4	70.4	6.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-084A	1	B	67	66	60.4	62.6	68.8	8.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-084B	1	B	67	66	64.3	66.6	70.6	6.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-085A	1	B	67	66	58.2	60.4	66.3	8.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-085B	1	B	67	66	61.9	64.2	68.7	6.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-086A	1	B	67	66	58.5	60.8	66.9	8.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-086B	1	B	67	66	62.4	64.7	69.2	6.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-087A	1	B	67	66	57.4	59.6	65.6	8.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-087B	1	B	67	66	61.1	63.4	68.2	7.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-088A	1	B	67	66	46.7	48.8	51.1	4.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-088B	1	B	67	66	50.0	52.2	54.7	4.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-089A	1	B	67	66	57.5	59.8	65.8	8.3	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-089B	1	B	67	66	61.3	63.6	68.4	7.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-090A	1	B	67	66	45.8	47.9	49.7	3.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-090B	1	B	67	66	49.1	51.2	53.5	4.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-091A	1	B	67	66	57.6	59.9	65.9	8.3	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-091B	1	B	67	66	61.4	63.7	68.5	7.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-092A	1	B	67	66	45.9	48.0	49.7	3.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-092B	1	B	67	66	48.8	51.0	53.3	4.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-093A	1	B	67	66	57.5	59.8	65.7	8.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-093B	1	B	67	66	61.3	63.5	68.3	7.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-094A	1	B	67	66	47.2	49.3	51.1	3.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-094B	1	B	67	66	49.9	52.1	54.3	4.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-095A	1	B	67	66	56.9	59.2	65.2	8.3	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-095B	1	B	67	66	60.7	63.0	67.8	7.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-096A	1	B	67	66	55.7	58.0	63.6	7.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-096B	1	B	67	66	59.3	61.5	66.2	6.9	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-097A	1	B	67	66	58.8	61.0	67.2	8.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-097B	1	B	67	66	62.6	64.9	69.4	6.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-098A	1	B	67	66	57.8	60.1	66.0	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-098B	1	B	67	66	61.5	63.7	68.1	6.6	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-099A	1	B	67	66	60.3	62.6	68.9	8.6	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-099B	1	B	67	66	64.2	66.5	70.7	6.5	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-100A	1	B	67	66	59.8	62.0	68.1	8.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-100B	1	B	67	66	63.5	65.7	69.8	6.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-101A	1	B	67	66	63.4	65.7	71.9	8.5	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-101B	1	B	67	66	67.5	69.7	73.4	5.9	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-102A	1	B	67	66	63.3	65.6	71.9	8.6	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-102B	1	B	67	66	67.3	69.6	73.2	5.9	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-103A	1	B	67	66	64.4	66.7	72.7	8.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-103B	1	B	67	66	68.6	70.8	74.0	5.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-104A	1	B	67	66	64.5	66.7	72.7	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-104B	1	B	67	66	68.5	70.8	73.9	5.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-105A	1	B	67	66	61.1	63.4	69.6	8.5	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-105B	1	B	67	66	65.1	67.4	71.3	6.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-106A	1	B	67	66	61.6	63.9	69.8	8.2	Yes	No	MONTEREY POINTE APARTMENTS

Predicted Noise Levels

Appendix B-1

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
SB04	RSB04-106B	1	B	67	66	65.5	67.7	71.4	5.9	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-107A	1	B	67	66	59.3	61.6	67.6	8.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-107B	1	B	67	66	63.1	65.4	69.6	6.5	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-108A	1	B	67	66	59.9	62.2	68.1	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-108B	1	B	67	66	63.8	66.0	70.0	6.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-109A	1	B	67	66	57.0	59.2	65.0	8.0	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-109B	1	B	67	66	60.7	63.0	67.5	6.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-110A	1	B	67	66	58.0	60.3	66.0	8.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-110B	1	B	67	66	61.8	64.0	68.4	6.6	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-111A	1	B	67	66	55.2	57.4	62.6	7.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-111B	1	B	67	66	58.6	60.8	65.7	7.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-112A	1	B	67	66	46.8	48.8	50.9	4.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-112B	1	B	67	66	49.5	51.6	54.0	4.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-113A	1	B	67	66	55.3	57.6	62.9	7.6	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-113B	1	B	67	66	58.9	61.1	66.1	7.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-114A	1	B	67	66	45.7	47.7	49.5	3.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-114B	1	B	67	66	48.5	50.6	52.7	4.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-115A	1	B	67	66	54.7	57.0	62.3	7.6	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-115B	1	B	67	66	58.2	60.4	65.3	7.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-116A	1	B	67	66	45.8	47.8	49.6	3.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-116B	1	B	67	66	48.5	50.5	52.6	4.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-117A	1	B	67	66	54.3	56.5	61.5	7.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-117B	1	B	67	66	57.6	59.8	64.5	6.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-118A	1	B	67	66	48.4	50.5	52.9	4.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-118B	1	B	67	66	50.9	53.0	55.4	4.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-119A	1	B	67	66	54.1	56.4	61.9	7.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-119B	1	B	67	66	57.8	60.0	65.0	7.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-120A	1	B	67	66	53.0	55.2	58.9	5.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-120B	1	B	67	66	55.9	58.1	61.7	5.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-121A	1	B	67	66	55.6	57.9	63.7	8.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-121B	1	B	67	66	59.4	61.6	66.4	7.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-122A	1	B	67	66	54.3	56.5	60.8	6.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-122B	1	B	67	66	57.4	59.6	63.5	6.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-123A	1	B	67	66	57.1	59.4	65.3	8.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-123B	1	B	67	66	60.8	63.1	67.7	6.9	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-124A	1	B	67	66	56.0	58.2	63.5	7.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-124B	1	B	67	66	59.4	61.6	65.9	6.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-125A	1	B	67	66	59.8	62.0	67.9	8.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-125B	1	B	67	66	63.5	65.7	69.9	6.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-126A	1	B	67	66	57.3	59.5	65.3	8.0	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-126B	1	B	67	66	60.9	63.1	67.3	6.4	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-127A	1	B	67	66	64.6	66.9	72.8	8.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-127B	1	B	67	66	68.7	70.9	74.0	5.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-128A	1	B	67	66	55.6	57.8	63.8	8.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-128B	1	B	67	66	59.6	61.9	65.8	6.2	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-129A	1	B	67	66	64.6	66.9	72.6	8.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-129B	1	B	67	66	68.7	70.9	74.0	5.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-130A	1	B	67	66	52.5	54.7	57.9	5.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-130B	1	B	67	66	55.6	57.9	60.5	4.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-131A	1	B	67	66	64.7	66.9	72.7	8.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-131B	1	B	67	66	68.7	71.0	74.0	5.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-132A	1	B	67	66	53.3	55.6	58.9	5.6	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-132B	1	B	67	66	56.5	58.7	61.2	4.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-133A	1	B	67	66	64.8	67.0	72.6	7.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-133B	1	B	67	66	68.8	71.0	74.0	5.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-134A	1	B	67	66	57.9	60.2	64.9	7.0	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-134B	1	B	67	66	61.8	64.0	67.1	5.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-135A	1	B	67	66	64.7	67.0	72.3	7.6	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-135B	1	B	67	66	68.7	71.0	73.9	5.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-136A	1	B	67	66	59.5	61.7	67.5	8.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-136B	1	B	67	66	63.3	65.6	69.4	6.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-137A	1	B	67	66	64.7	67.0	72.2	7.5	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-137B	1	B	67	66	68.7	71.0	73.8	5.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-138A	1	B	67	66	53.1	55.3	60.6	7.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-138B	1	B	67	66	57.0	59.2	62.8	5.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-139A	1	B	67	66	64.8	67.0	72.1	7.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-139B	1	B	67	66	68.7	71.0	73.8	5.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-140A	1	B	67	66	53.7	55.9	60.5	6.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-140B	1	B	67	66	57.3	59.6	62.6	5.3	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-141A	1	B	67	66	64.7	67.0	72.0	7.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-141B	1	B	67	66	68.7	70.9	73.7	5.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-142A	1	B	67	66	61.2	63.4	68.0	6.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-142B	1	B	67	66	64.8	67.0	70.1	5.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-143A	1	B	67	66	56.8	59.0	63.9	7.1	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-143B	1	B	67	66	60.2	62.4	66.1	5.9	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-144A	1	B	67	66	58.2	60.4	65.0	6.8	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-144B	1	B	67	66	61.7	63.9	67.5	5.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-145A	1	B	67	66	54.2	56.4	61.1	6.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-145B	1	B	67	66	57.4	59.7	63.8	6.4	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-146A	1	B	67	66	56.1	58.3	62.4	6.3	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-146B	1	B	67	66	59.5	61.7	65.2	5.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-147A	1	B	67	66	53.3	55.5	60.0	6.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-147B	1	B	67	66	56.3	58.6	62.8	6.5	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-148A	1	B	67	66	55.5	57.7	61.5	6.0	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-148B	1	B	67	66	59.1	61.3	64.7	5.6	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-149A	1	B	67	66	52.2	54.4	58.8	6.6	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-149B	1	B	67	66	55.1	57.3	61.7	6.6	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-150A	1	B	67	66	55.2	57.4	61.2	6.0	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-150B	1	B	67	66	58.7	60.9	64.4	5.7	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-151A	1	B	67	66	65.6	67.9	72.3	6.7	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-151B	1	B	67	66	69.5	71.8	74.3	4.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-152A	1	B	67	66	65.8	68.0	72.1	6.3	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-152B	1	B	67	66	69.6	71.8	74.2	4.6	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-153A	1	B	67	66	62.1	64.4	69.3	7.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-153B	1	B	67	66	66.0	68.3	71.5	5.5	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-154A	1	B	67	66	62.8	65.1	68.9	6.1	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-154B	1	B	67	66	66.4	68.6	71.2	4.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-155A	1	B	67	66	60.4	62.7	67.6	7.2	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-155B	1	B	67	66	64.3	66.6	70.1	5.8	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-156A	1	B	67	66	61.4	63.7	67.4	6.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-156B	1	B	67	66	64.9	67.1	69.9	5.0	Yes	No	MONTEREY POINTE APARTMENTS

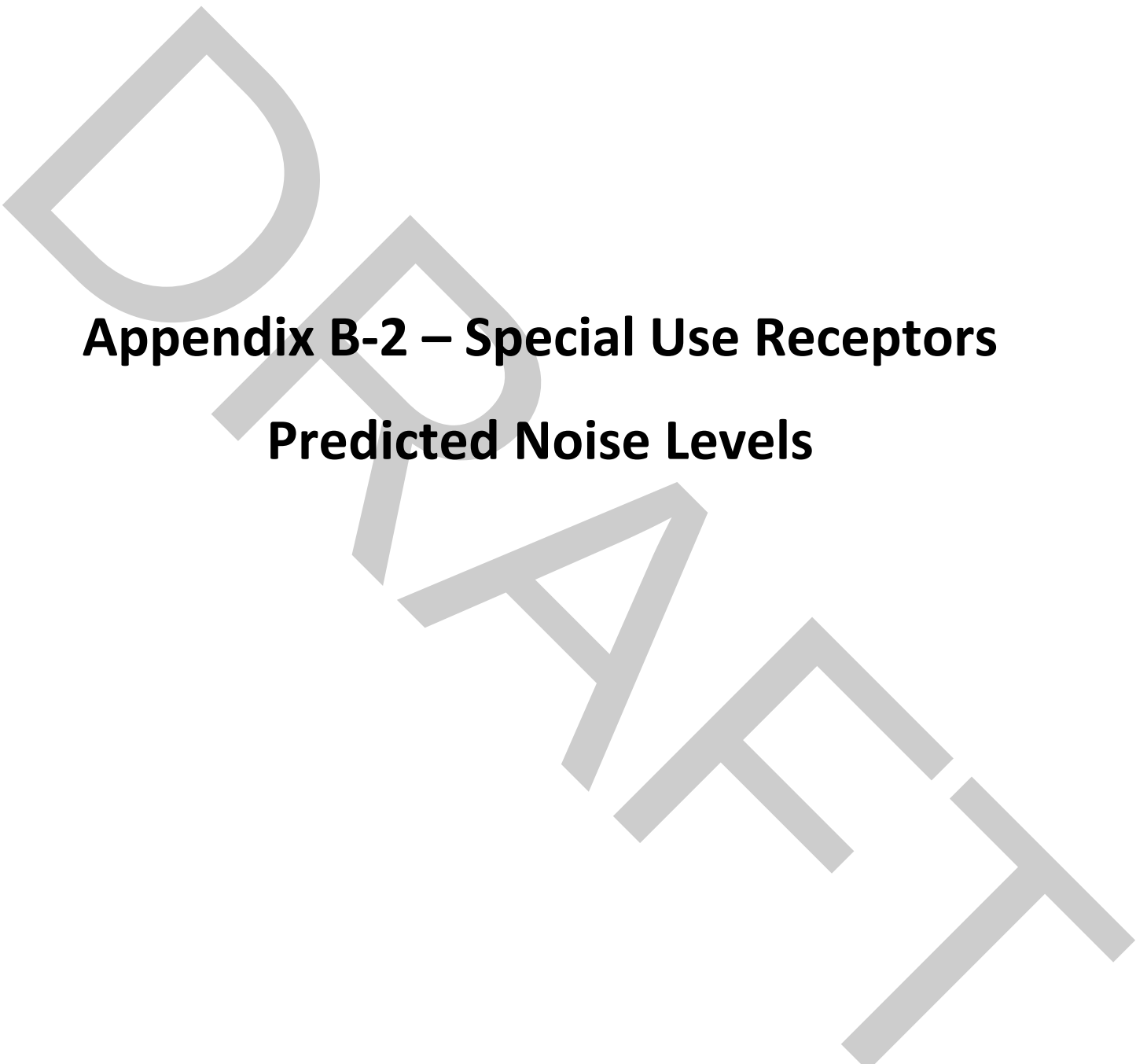
Predicted Noise Levels

Appendix B-1

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
SB04	RSB04-157A	1	B	67	66	58.5	60.7	65.4	6.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-157B	1	B	67	66	62.2	64.5	68.2	6.0	Yes	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-158A	1	B	67	66	59.9	62.1	65.8	5.9	No	No	MONTEREY POINTE APARTMENTS
SB04	RSB04-158B	1	B	67	66	63.3	65.6	68.6	5.3	Yes	No	MONTEREY POINTE APARTMENTS
SB05	RSB05-001	3	B	67	66	59.4	61.6	64.9	5.5	No	No	TROPICAL VILLAS
SB05	RSB05-002	1	B	67	66	60.7	62.9	67.1	6.4	Yes	No	TROPICAL VILLAS
SB05	RSB05-003	1	B	67	66	61.2	63.4	68.4	7.2	Yes	No	TROPICAL VILLAS
SB05	RSB05-004	1	B	67	66	62.3	64.6	69.9	7.6	Yes	No	TROPICAL VILLAS
SB05	RSB05-005	3	B	67	66	54.6	56.6	59.7	5.1	No	No	TROPICAL VILLAS
SB05	RSB05-006	2	B	67	66	54.6	56.7	60.2	5.6	No	No	TROPICAL VILLAS
SB05	RSB05-007	2	B	67	66	57.6	59.9	64.7	7.1	No	No	TROPICAL VILLAS
SB05	RSB05-009	3	B	67	66	55.7	57.8	62.1	6.4	No	No	GRANADA ESTATES
SB05	RSB05-010	3	B	67	66	54.1	56.2	60.3	6.2	No	No	GRANADA ESTATES
SB05	RSB05-011	2	B	67	66	56.1	58.2	62.4	6.3	No	No	GRANADA ESTATES
SB05	RSB05-012	2	B	67	66	54.4	56.4	60.5	6.1	No	No	GRANADA ESTATES
SB05	RSB05-013	2	B	67	66	56.6	58.8	62.8	6.2	No	No	GRANADA ESTATES
SB05	RSB05-014	3	B	67	66	53.7	55.6	59.4	5.7	No	No	GRANADA ESTATES
SB05	RSB05-015	2	B	67	66	54.6	56.7	60.6	6.0	No	No	GRANADA ESTATES
SB05	RSB05-016	1	B	67	66	56.8	58.9	62.9	6.1	No	No	GRANADA ESTATES
SB05	RSB05-017	1	B	67	66	56.9	59.1	62.9	6.0	No	No	GRANADA ESTATES
SB05	RSB05-018	2	B	67	66	53.9	55.8	59.6	5.7	No	No	GRANADA ESTATES
SB05	RSB05-019	2	B	67	66	54.5	56.5	60.4	5.9	No	No	GRANADA ESTATES
SB05	RSB05-020	1	B	67	66	57.5	59.6	63.3	5.8	No	No	GRANADA ESTATES
SB05	RSB05-021	2	B	67	66	53.4	55.4	59.0	5.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-022	2	B	67	66	53.3	55.1	58.6	5.3	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-023	2	B	67	66	53.4	55.2	58.7	5.3	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-024	1	B	67	66	53.8	55.7	59.5	5.7	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-025	1	B	67	66	54.0	56.0	60.0	6.0	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-026	1	B	67	66	53.9	55.8	59.6	5.7	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-027	1	B	67	66	53.8	55.8	59.6	5.8	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-028	1	B	67	66	53.9	55.9	59.7	5.8	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-029	1	B	67	66	53.9	55.9	59.9	6.0	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-030	1	B	67	66	57.5	59.7	63.2	5.7	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-031	1	B	67	66	57.5	59.7	63.1	5.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-032	1	B	67	66	57.5	59.7	63.0	5.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-033	1	B	67	66	57.5	59.6	62.7	5.2	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-034	2	B	67	66	53.1	54.9	58.5	5.4	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-035	2	B	67	66	53.0	55.0	58.5	5.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-036	2	B	67	66	53.3	55.2	58.6	5.3	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-037	1	B	67	66	57.5	59.7	62.5	5.0	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-038	1	B	67	66	53.4	55.3	58.4	5.0	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-039	1	B	67	66	57.5	59.7	62.4	4.9	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-040	1	B	67	66	53.3	55.1	58.1	4.8	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-041	1	B	67	66	57.5	59.7	62.3	4.8	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-042	1	B	67	66	53.2	55.1	57.9	4.7	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-043	1	B	67	66	57.6	59.8	62.3	4.7	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-044	1	B	67	66	53.4	55.2	57.9	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-045	1	B	67	66	57.7	59.8	62.3	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-046	1	B	67	66	53.5	55.4	58.1	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-047	1	B	67	66	57.7	59.8	62.3	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-048	1	B	67	66	53.4	55.2	57.9	4.5	No	No	PORTOFINO VILLAS WEST
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SB05	RSB05-051	1	B	67	66	57.8	60.0	62.4	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-052	1	B	67	66	53.5	55.3	57.9	4.4	No	No	PORTOFINO VILLAS WEST
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SB05	RSB05-055	1	B	67	66	57.9	60.1	62.4	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-056	1	B	67	66	53.7	55.5	58.1	4.4	No	No	PORTOFINO VILLAS WEST
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SB05	RSB05-064	1	B	67	66	54.3	56.3	58.9	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-065	1	B	67	66	54.2	56.2	59.2	5.0	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-066	1	B	67	66	54.4	56.4	58.9	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-067	1	B	67	66	58.2	60.4	62.7	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-068	1	B	67	66	58.3	60.4	62.8	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-069	1	B	67	66	58.4	60.5	62.9	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-070	1	B	67	66	58.5	60.7	63.1	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-071	1	B	67	66	58.5	60.7	63.1	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-072	1	B	67	66	51.4	53.1	55.5	4.1	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-073	1	B	67	66	51.2	53.2	55.5	4.3	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-074	1	B	67	66	51.8	53.6	55.9	4.1	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-075	1	B	67	66	58.7	60.9	63.4	4.7	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-076	1	B	67	66	52.1	54.2	56.6	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-077	1	B	67	66	53.6	55.7	58.1	4.5	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-078	1	B	67	66	58.8	61.0	63.4	4.6	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-079	1	B	67	66	57.5	59.6	62.3	4.8	No	No	PORTOFINO VILLAS WEST
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SB05	RSB05-081	1	B	67	66	59.0	61.2	63.7	4.7	No	No	PORTOFINO VILLAS WEST
SB05	RSB05-082	1	B	67	66	59.1	61.2	63.7	4.6	No	No	PORTOFINO VILLAS WEST
SB06	RSB06-006	4	B	67	66	53.5	54.0	58.1	4.6	No	No	Caseil Heights
SB06	RSB06-007	4	B	67	66	55.1	56.1	59.1	4.0	No	No	Caseil Heights
SB06	RSB06-008	1	B	67	66	55.2	59.8	59.1	3.9	No	No	Caseil Heights
SB06	RSB06-009	1	B	67	66	56.7	60.4	59.7	3.0	No	No	Caseil Heights
SB06	RSB06-010	1	B	67	66	58.0	61.8	61.1	3.1	No	No	Caseil Heights
SB06	RSB06-011	1	B	67	66	59.7	63.9	62.9	3.2	No	No	Caseil Heights
SB06	RSB06-012	1	B	67	66	59.5	64.4	62.8	3.3	No	No	Caseil Heights
SB06	RSB06-013	1	B	67	66	59.7	66.4	63.2	3.5	No	No	Caseil Heights
SB06	RSB06-014	1	B	67	66	60.0	66.6	63.2	3.2	No	No	Caseil Heights
SB06	RSB06-015	1	B	67	66	59.5	65.9	62.7	3.2	No	No	Caseil Heights
SB06	RSB06-016	1	B	67	66	58.2	63.2	61.3	3.1	No	No	Caseil Heights
SB06	RSB06-017	1	B	67	66	59.5	66.2	62.5	3.0	No	No	Caseil Heights
SB06	RSB06-018	1	B	67	66	58.9	70.7	61.5	2.6	No	No	Caseil Heights
SB06	RSB06-019	1	B	67	66	59.4	66.3	62.6	3.2	No	No	Caseil Heights
SB06	RSB06-020	1	B	67	66	59.6	69.9	62.4	2.8	No	No	Caseil Heights
SB06	RSB06-021	1	B	67	66	58.8	65.2	62.3	3.5	No	No	Caseil Heights

Predicted Noise Levels

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
SB06	RSB06-022	1	B	67	66	58.5	64.7	62.3	3.8	No	No	Caseil Heights
SB06	RSB06-023	1	B	67	66	58.6	65.4	62.6	4.0	No	No	Caseil Heights
SB06	RSB06-024	1	B	67	66	58.2	64.9	62.7	4.5	No	No	Caseil Heights
SB06	RSB06-025	1	B	67	66	56.8	62.3	62.1	5.3	No	No	Caseil Heights



Appendix B-2 – Special Use Receptors

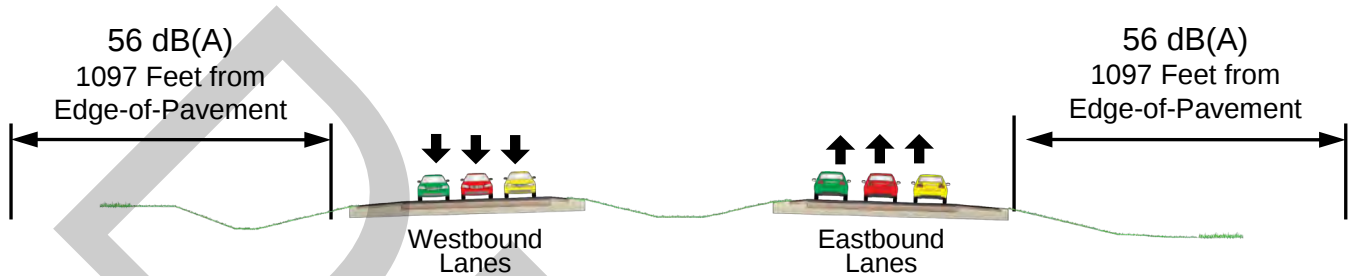
Predicted Noise Levels

Common Noise Environment (CNE)	Rec. Point	No. of Units	NAC	NAC Criteria (dBA)	FDOT Criteria (dBA)	2017 Existing LAeq1h (dBA)	2045 No-Build LAeq1h (dBA)	2045 Build LAeq1h (dBA)	Increase	NAC Approach or Exceeded	Subst. Increase (>15dB(A))	Description
XX.X	Impacted Receptor											
NB01	NNB01-001	1	E	72	71	54.6	54.6	57.1	2.5	No	No	TRAVELODGE POOL AREA
NB01	NNB01-002	1	E	67	71	58.6	58.6	61.0	2.4	No	No	CIGAR BUNDLES OF MIAMI OUTDOOR SEATING
NB01	NNB01-003	1	E	67	71	56.1	56.1	58.6	2.5	No	No	QUALITY INN OUTDOOR SEATING
NB01	NNB01-004	1	E	72	71	54.4	54.4	57.1	2.7	No	No	QUALITY INN POOL AREA
NB02	NNB02-001	1	E	67	71	56.5	56.5	61.5	5.0	No	No	DAYS INN RECREATIONAL AREA
NB02	NNB02-002	1	E	67	71	58.3	59.3	61.4	3.1	No	No	FLORIDA KEYS OUTLET MARKETPLACE RECREATIONAL AREA
NB02	NNB02-003	1	E	72	71	59.4	60.1	62.1	2.7	No	No	FOOD COURT OUTDOOR SEATING
NB02	NNB02-004	1	E	67	71	58.8	59.6	61.7	2.9	No	No	FOOD COURT OUTDOOR SEATING
NB02	NNB02-005	1	E	67	71	50.4	50.8	53.8	3.4	No	No	OUTDOOR SEATING
NB02	NNB02-006	1	E	72	71	53.6	54.0	57.1	3.5	No	No	OUTDOOR SEATING
NB02	NNB02-007	1	E	67	71	52.9	53.4	56.3	3.4	No	No	OUTDOOR SEATING
NB03	NNB03-033	1	C	67	66	51.7	52.2	54.9	3.2	No	No	LAKESHORE CONDOMINIUMS RECREATIONAL AREA
NB05	NNB05-001	1	C	67	66	61.1	63.1	64.5	3.4	No	No	GATEWAY CHURCH OF CHRIST
NB05	NNB05-005	1	C	67	66	60.8	63.0	68.1	7.3	Yes	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-006	1	C	67	66	59.5	61.8	66.6	7.1	Yes	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-007	1	C	67	66	58.3	60.5	65.2	6.9	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-008	1	C	67	66	57.4	59.6	64.2	6.8	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-009	1	C	67	66	56.3	58.5	62.8	6.5	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-010	1	C	67	66	57.1	59.3	63.6	6.5	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-011	1	C	67	66	58.2	60.4	64.6	6.4	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-012	1	C	67	66	59.1	61.3	65.9	6.8	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-013	1	C	67	66	57.8	60.0	62.9	5.1	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-014	1	C	67	66	56.9	59.1	62.6	5.7	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-015	1	C	67	66	56.2	58.4	62.2	6.0	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-016	1	C	67	66	55.5	57.7	61.7	6.2	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-017	1	C	67	66	54.8	57.0	60.5	5.7	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-018	1	C	67	66	55.3	57.4	60.5	5.2	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-019	1	C	67	66	56.0	58.1	60.7	4.7	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-020	1	C	67	66	56.6	58.8	60.5	3.9	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-021	1	C	67	66	55.8	58.0	58.8	3.0	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-022	1	C	67	66	55.3	57.4	59.3	4.0	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-023	1	C	67	66	54.7	56.9	59.3	4.6	No	No	EVERGLADES PREPATORY ACADEMY
NB05	NNB05-024	1	C	67	66	54.3	56.5	59.3	5.0	No	No	EVERGLADES PREPATORY ACADEMY
NB06	NNB06-001	1	E	72	71	61.4	62.2	63.7	2.3	No	No	BEST STUDIO INN OUTDOOR SEATING
NB06	NNB06-002	1	E	67	71	58.2	58.7	61.0	2.8	No	No	HAMPTON INN & SUITES POOL AREA
SB01	NSB01-001	1	E	72	71	54.2	54.3	57.6	3.4	No	No	BEST WESTERN POOL AREA
SB01	NSB01-002	1	E	67	71	59.4	59.5	61.2	1.8	No	No	FAIRWAY INN RECREATIONAL AREA
SB01	NSB01-003	1	E	67	71	58.0	58.0	59.8	1.8	No	No	PURO CIGARS LOUNGE OUTDOOR SEATING
SB01	NSB01-004	1	E	72	71	45.3	45.4	47.0	1.7	No	No	HOLIDAY INN EXPRESS POOL AREA
SB02	NSB02-001	1	E	67	71	66.8	66.8	67.3	0.5	No	No	STARBUCKS
SB02	NSB02-002	1	E	67	71	55.6	55.6	58.0	2.4	No	No	HOME2 SUITES RECREATIONAL AREA
SB03	NSB03-001	1	E	72	71	63.5	63.7	66.7	3.2	No	No	BAYMONT RECREATIONAL AREA
SB03	NSB03-002	1	E	67	71	61.1	61.6	63.9	2.8	No	No	GOLDEN CORRAL OUTDOOR SEATING
SB06	NSB06-001	1	E	67	71	61.1	61.4	64.0	2.9	No	No	RED LOBSTER OUTDOOR SEATING
SB06	NSB06-002	1	E	67	71	62.7	63.1	65.4	2.7	No	No	SONIC OUTDOOR SEATING
SB06	NSB06-003	1	E	72	71	61.2	61.8	64.3	3.1	No	No	LONGHORN STEAKHOUSE OUTDOOR SEATING
SB06	NSB06-004	1	E	67	71	62.2	62.7	65.1	2.9	No	No	OLIVE GARDEN OUTDOOR SEATING
SB06	NSB06-005	1	E	67	71	55.1	55.8	59.8	4.7	No	No	HILTON GARDEN INN HOMESTEAD POOL AREA

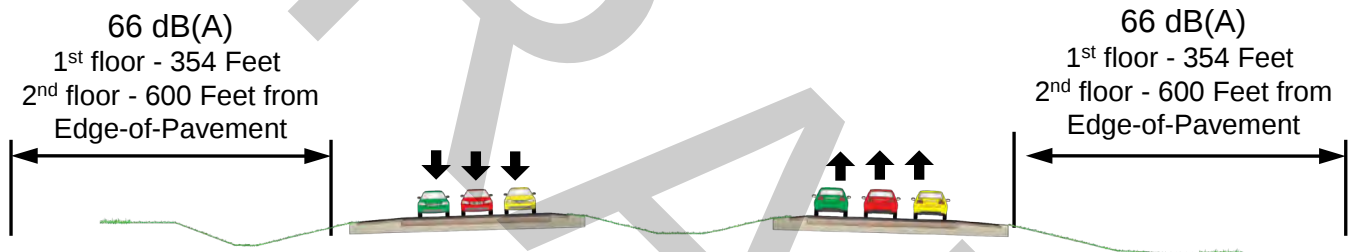
Appendix C
Project Noise Contours

HEFT – US1-Campbell Noise Contours

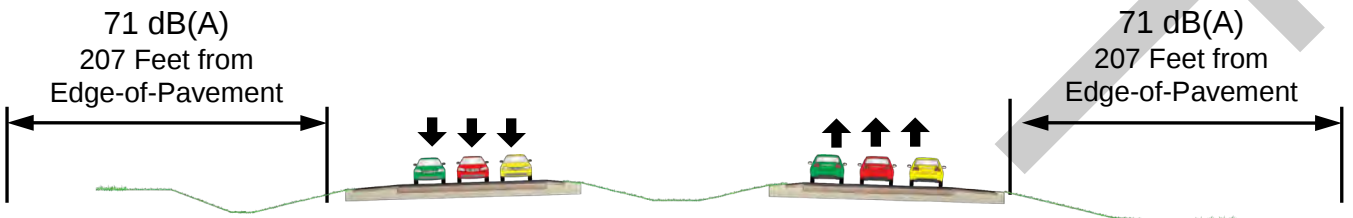
6 Lanes Segment



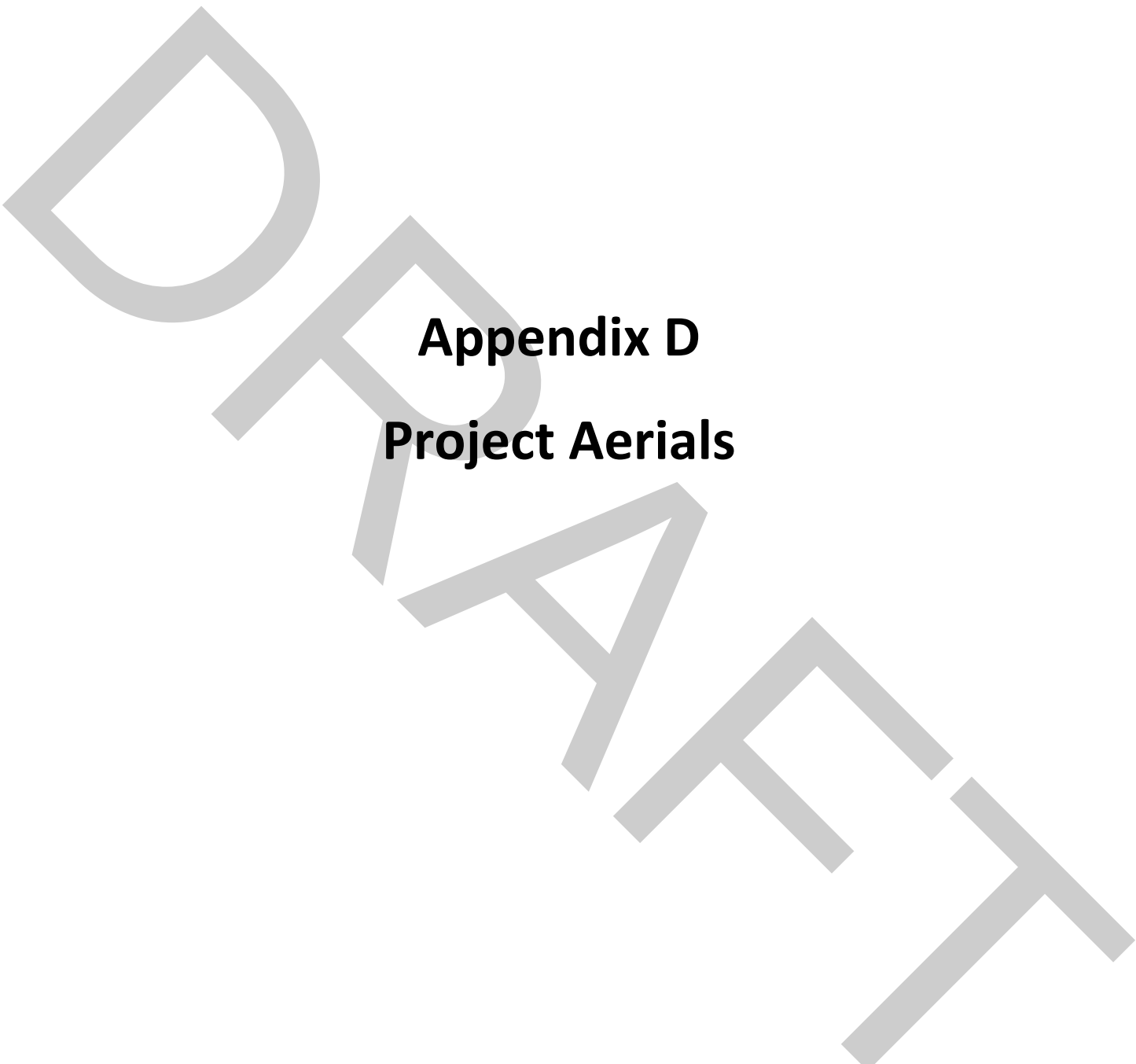
Activity Category A



Activity Category B/C



Activity Category E

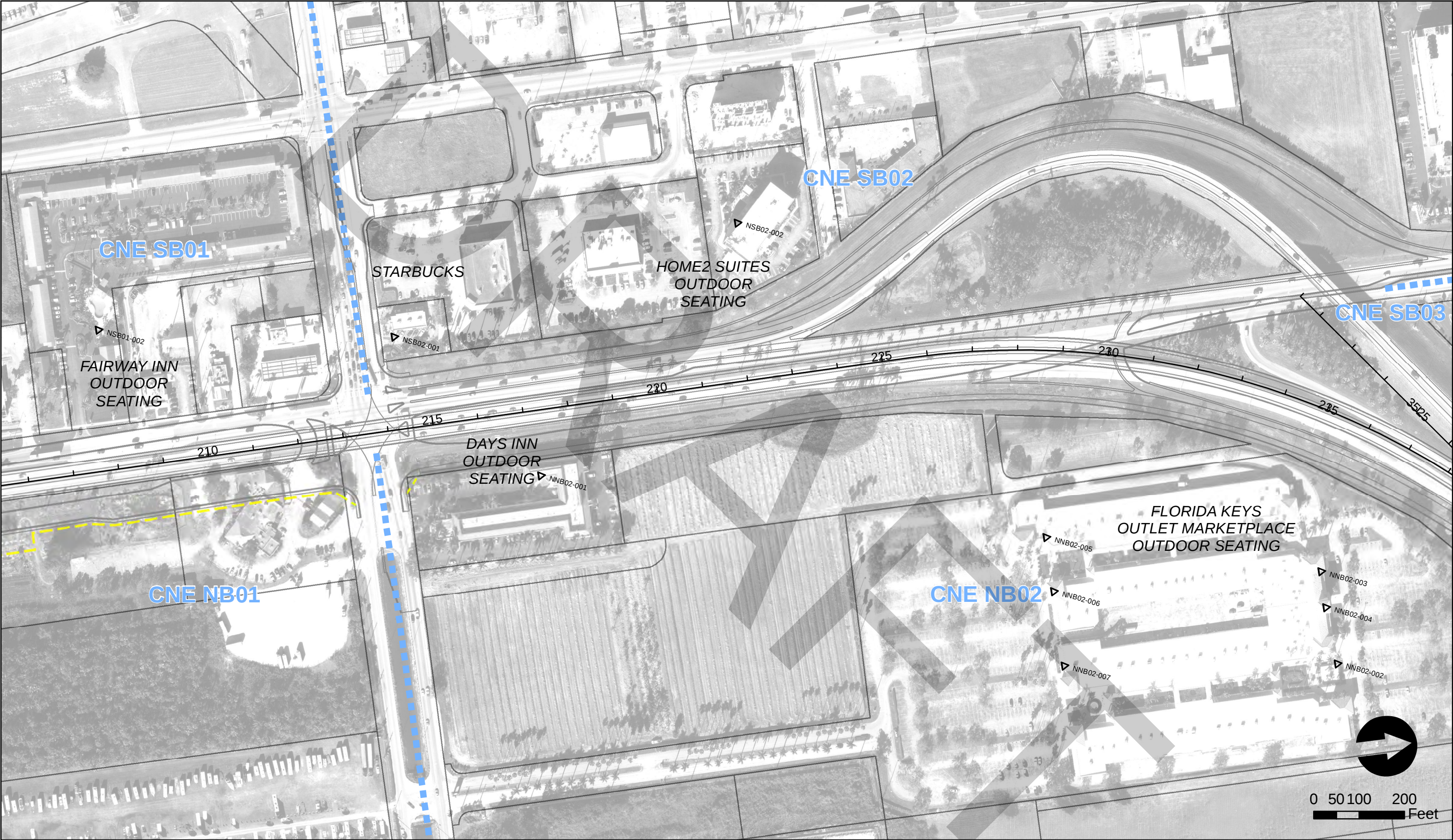


Appendix D

Project Aerials



▲ Impacted - Benefitted ▲ Impacted - Not Benefitted ▲ Not Impacted - Benefitted ▲ Not Impacted - Not Benefitted ● Validation Sites — Common Noise Environment — Design Lines ▭ Parcels — Existing Barrier — Barrier for Analysis	Florida's Turnpike - US 1 to Campbell PD&E Noise Study	NOISE SPECIALIST Jeff Jones, GISP Inwood Consulting Engineers, Inc. 3000 Dovera Drive, Suite 200 Oviedo, Florida 32765 P 407.971.8850	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOISE STUDY REPORT CONSTRUCTABILITY REVIEW	Sheet No. 1
			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			821	MIAMI-DADE	439545-1		



▲ Impacted - Benefitted ▲ Impacted - Not Benefitted ▲ Not Impacted - Benefitted ▲ Not Impacted - Not Benefitted ● Validation Sites --- Common Noise Environment --- Design Lines ▭ Parcels --- Existing Barrier --- Barrier for Analysis	Florida's Turnpike - US 1 to Campbell PD&E Noise Study	NOISE SPECIALIST Jeff Jones, GISP Inwood Consulting Engineers, Inc. 3000 Dovera Drive, Suite 200 Oviedo, Florida 32765 P 407.971.8850	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOISE STUDY REPORT CONSTRUCTABILITY REVIEW	Sheet No. 2
			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			821	MIAMI-DADE	439545-1		



Impacted - Benefitted Impacted - Not Benefitted Not Impacted - Benefitted
--

Not Impacted - Not Benefitted

Validation Sites

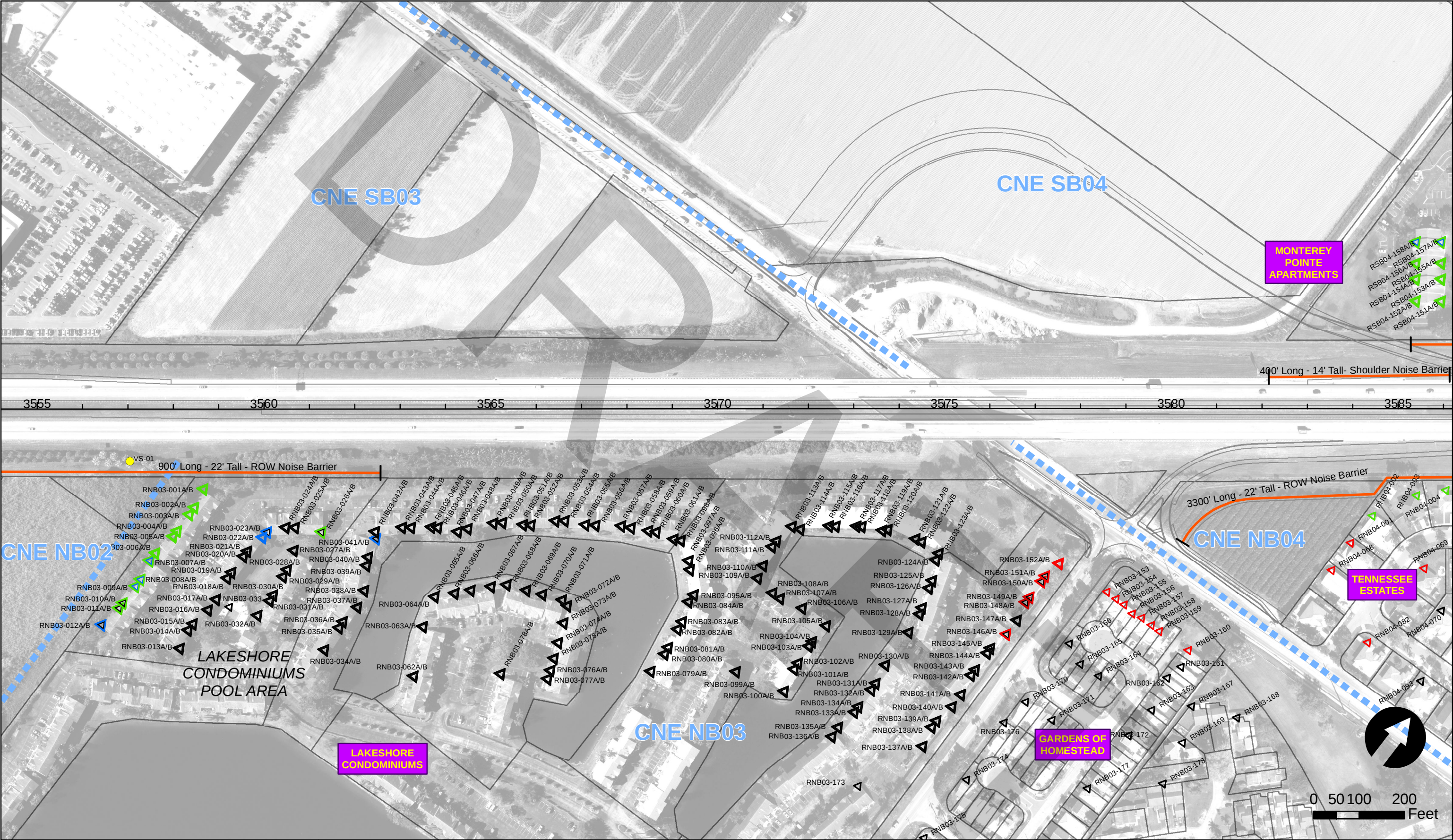
Common Noise Environment

Design Lines

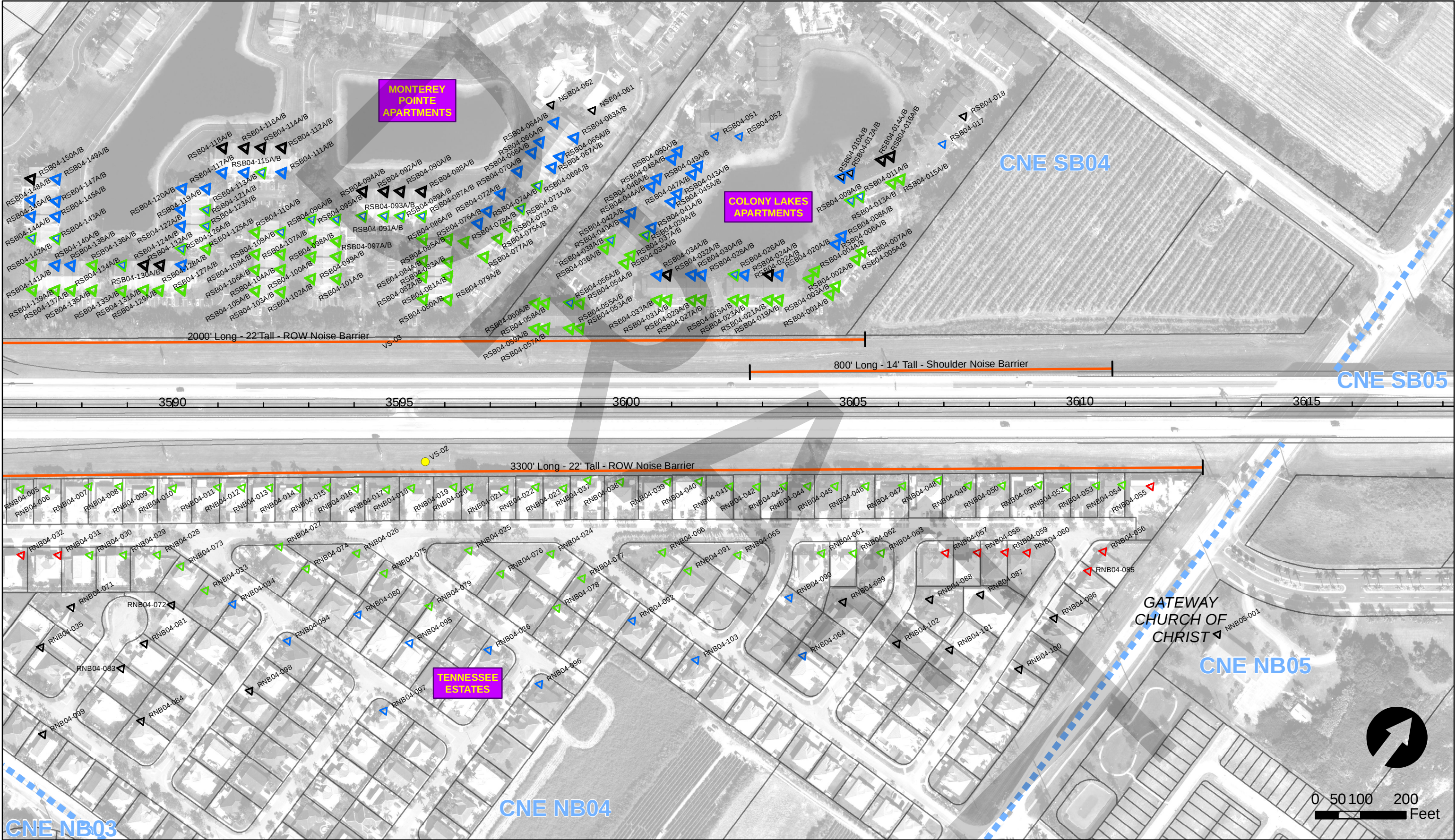
Parcels

Existing Barrier

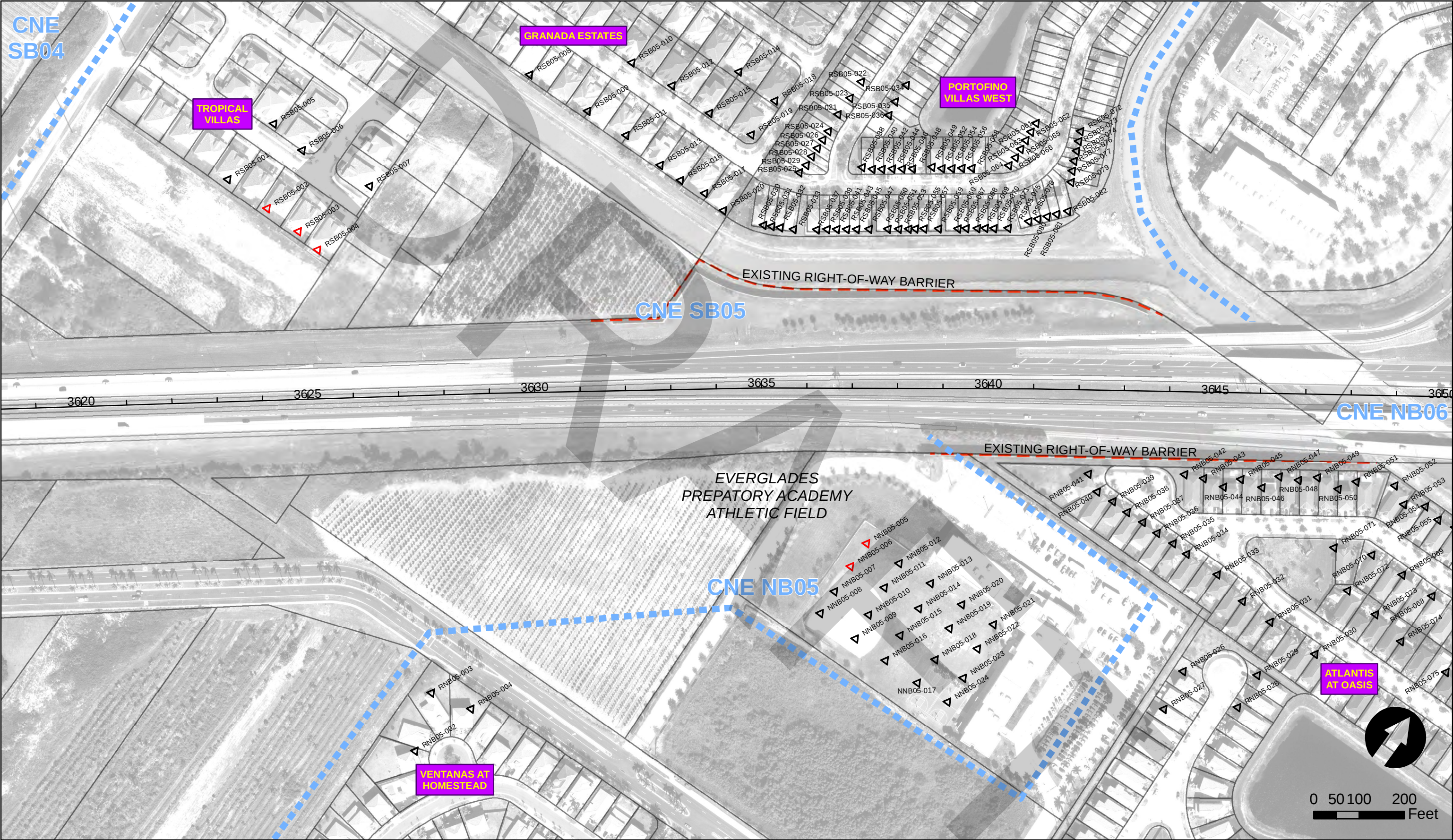
Barrier for Analysis



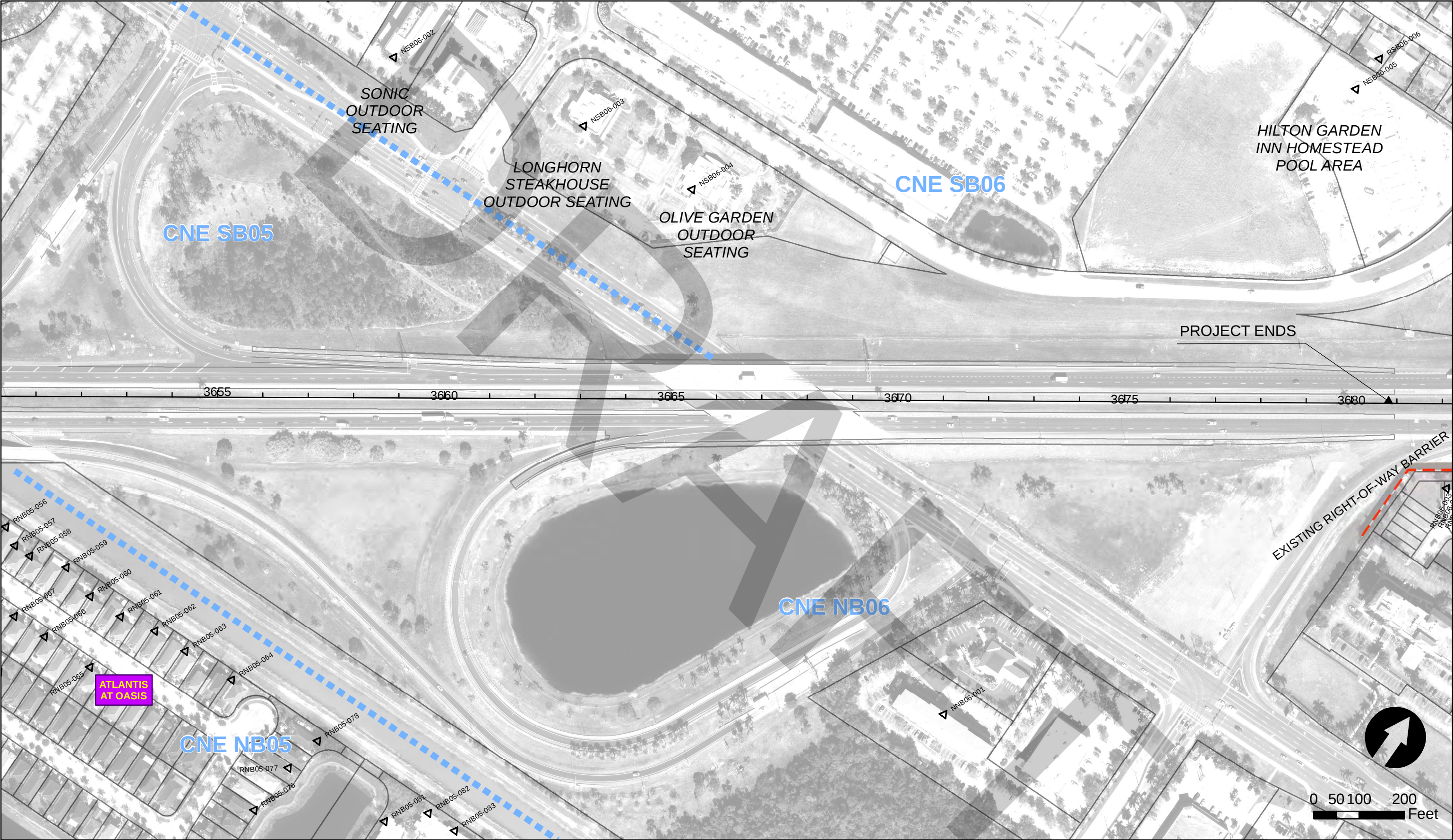
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			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			821	MIAMI-DADE	439545-1		



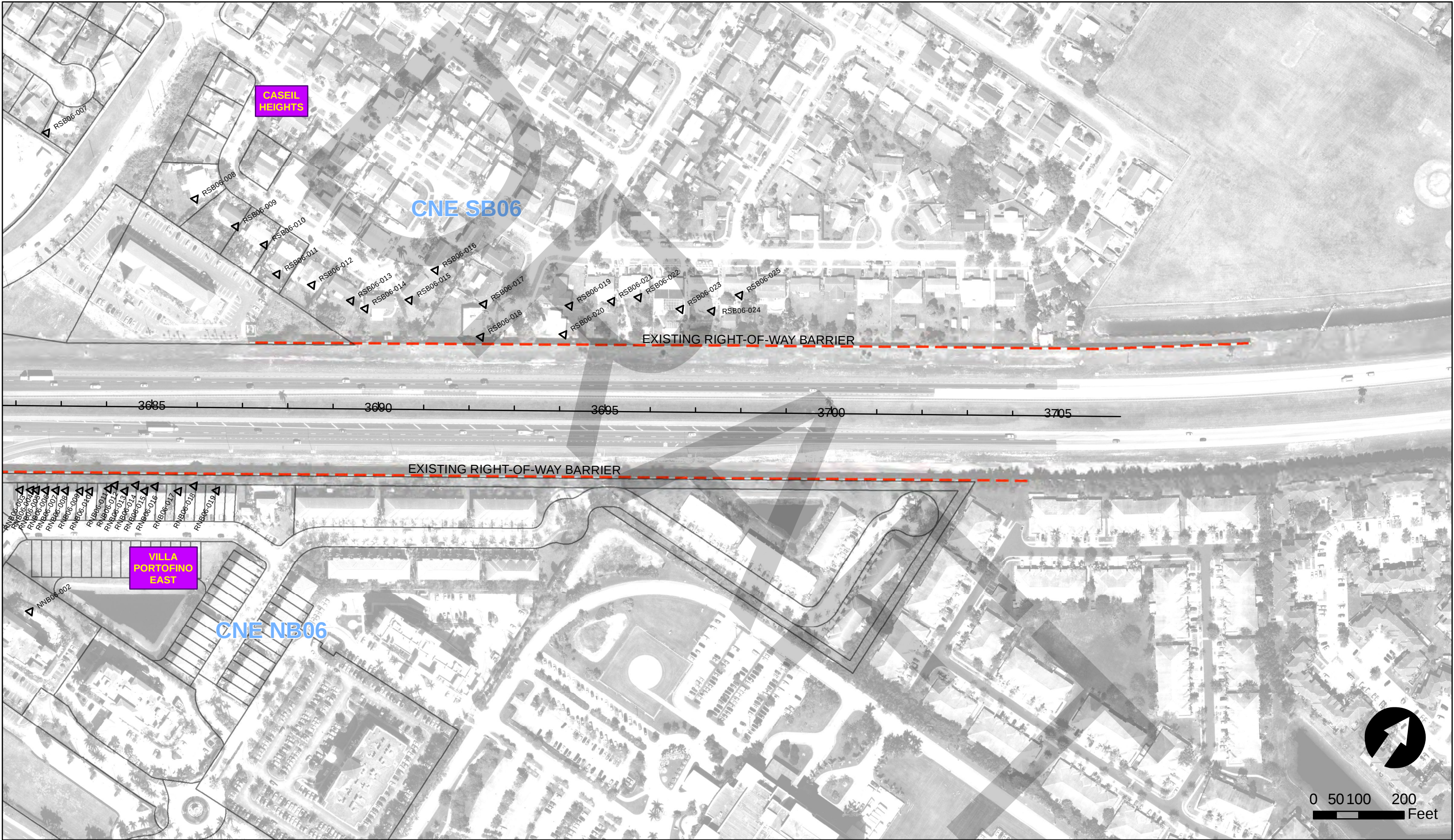
▲ Impacted - Benefitted ▲ Impacted - Not Benefitted ▲ Not Impacted - Benefitted ▲ Not Impacted - Not Benefitted ● Validation Sites — Common Noise Environment — Design Lines ▭ Parcels — Existing Barrier — Barrier for Analysis	Florida's Turnpike - US 1 to Campbell PD&E Noise Study	NOISE SPECIALIST	STATE OF FLORIDA			NOISE STUDY REPORT	Sheet No.
		Jeff Jones, GISP Inwood Consulting Engineers, Inc. 3000 Dovera Drive, Suite 200 Oviedo, Florida 32765 P 407.971.8850	DEPARTMENT OF TRANSPORTATION				
			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		CONSTRUCTABILITY REVIEW
821	MIAMI-DADE	439545-1					



Impacted - Benefitted Impacted - Not Benefitted Not Impacted - Benefitted Not Impacted - Not Benefitted	Validation Sites Common Noise Environment Design Lines Parcels Existing Barrier Barrier for Analysis	Florida's Turnpike - US 1 to Campbell PD&E Noise Study	NOISE SPECIALIST Jeff Jones, GISP Inwood Consulting Engineers, Inc. 3000 Dovera Drive, Suite 200 Oviedo, Florida 32765 P 407.971.8850	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOISE STUDY REPORT CONSTRUCTABILITY REVIEW	Sheet No. 6
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				821	MIAMI-DADE	439545-1		



▲ Impacted - Benefitted ▲ Impacted - Not Benefitted ▲ Not Impacted - Benefitted ▲ Not Impacted - Not Benefitted	● Validation Sites — Common Noise Environment — Design Lines □ Parcels — Existing Barrier — Barrier for Analysis	Florida's Turnpike - US 1 to Campbell PD&E Noise Study	NOISE SPECIALIST	STATE OF FLORIDA			NOISE STUDY REPORT CONSTRUCTABILITY REVIEW	Sheet No.
			Jeff Jones, GISP Inwood Consulting Engineers, Inc. 3000 Dovera Drive, Suite 200 Oviedo, Florida 32765 P 407.971.8850	DEPARTMENT OF TRANSPORTATION				
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		821



Impacted - Benefitted Impacted - Not Benefitted Not Impacted - Benefitted Not Impacted - Not Benefitted Validation Sites Common Noise Environment Design Lines Parcels Existing Barrier Barrier for Analysis	Florida's Turnpike - US 1 to Campbell PD&E Noise Study	NOISE SPECIALIST Jeff Jones, GISP Inwood Consulting Engineers, Inc. 3000 Dovera Drive, Suite 200 Oviedo, Florida 32765 P 407.971.8850	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOISE STUDY REPORT CONSTRUCTABILITY REVIEW	Sheet No.
ROAD NO. 821		COUNTY MIAMI-DADE	FINANCIAL PROJECT ID 439545-1	8			