APPENDIX K

Re-Analysis Noise Study for Area of I-10 EB and WB Refinements

and

Meeting Summary Notes (dated: 3/20/2025)

Louisiana Department of Transportation and Development

Traffic Noise Impact and Abatement Study Addendum

I-10 Lorri Burgess and Dalrymple Ramps
FAP# H.004100
Route: I-10
East Baton Rouge Parish

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

May 2025

Table of Contents

INTRODUCTION..... 1
METHODOLOGY 3
EB1 NSA RESULTS 4
EB2 NSA RESULTS 5
WB2 NSA RESULTS 5
WB3 NSA RESULTS 6
EVALUATION OF FEASIBLE AND POTENTIAL REASONABLE BARRIERS.... 6
OTHER POSSIBLE BARRIERS FOR IMPACTED AREAS..... 7
CONCLUSION 14

Figure 1: Noise Addendum Study Area..... 2
Figure 2: Noise Addendum NSAs 4
Figure 3: EB1 All Barrier Design and Benefitted Receivers 8
Figure 4: EB2 All Barrier Design and Benefitted Receivers 8
Figure 5: WB2 All Barrier Design and Benefitted Receivers 9
Figure 6: WB3 All Barrier Design and Benefitted Receivers 9
Figure 7: EB1 Mid Barrier Design and Benefitted Receivers 10
Figure 8: EB2 Mid Barrier Design and Benefitted Receivers 10
Figure 9: WB2 Mid Barrier Design and Benefitted Receivers 11
Figure 10: WB3 Mid Barrier Design and Benefitted Receivers 11
Figure 11: EB1 Short Barrier Design and Benefitted Receivers 12
Figure 12: EB2 Short Barrier Design and Benefitted Receivers 12
Figure 13: WB2 Short Barrier Design and Benefitted Receivers 13
Figure 14: WB3 Short Barrier Design and Benefitted Receivers 13

Table 1: EB1 NSA Noise Results Summary 5
Table 2: EB2 NSA Noise Results Summary..... 5
Table 3: WB2 NSA Noise Results Summary..... 6
Table 4: WB3 NSA Noise Results Summary..... 6

Appendices:

Appendix A: Original Noise Report (2019) 15
Appendix B: Alternative Two Layouts 270
Appendix C: Alternative Two Traffic Data 273
Appendix D: EB1 NSA Results 278
Appendix E: EB2 NSA Results 290
Appendix F: WB2 NSA Results 299
Appendix G: WB3 NSA Results 311
Appendix H: Barrier Feasibility and Reasonableness Results and Worksheets 315
Appendix H-1: EB1 NSA Barriers – Not Feasible 316
Appendix H-2: EB2 NSA Barriers – Not Feasible 343
Appendix H-3: WB2 NSA Barriers – Not Feasible 363
Appendix H-4: WB3 NSA Barriers – Not Reasonable 391
Appendix I: Barriers Designs If Additional Funds Are Available 402
Appendix I-1: EB1 All Barriers 403
Appendix I-2: EB2 All Barriers 417
Appendix I-3: WB2 All Barriers 428
Appendix I-4: WB3 All Barriers 442
Appendix I-5: EB1 Mid Barriers 449
Appendix I-6: EB2 Mid Barriers 463
Appendix I-7: WB2 Mid Barriers 474
Appendix I-8: WB3 Mid Barriers 485
Appendix I-9: EB1 Short Barriers 492
Appendix I-10: EB2 Short Barriers 504
Appendix I-11: WB2 Short Barriers 515
Appendix I-12: WB3 Short Barriers 525

Traffic Noise Study: I-10 Lorri Burgess and Dalrymple Ramps Addendum

State Project No. H.004100
Federal Project No. H004100
I-10: LA 415 to Essen on I-10 and I-12
East Baton Rouge Parish

May 2025

INTRODUCTION

The following traffic noise analysis is prepared as an addendum to the report submitted to the LADOTD by Bowlby & Associates, Inc. in August of 2019 (Appendix A) for the above-captioned project. The report analyzed the noise impacts associated with the interstate widening project captioned above. The LADOTD is now proposing changes to the I-10 eastbound (EB) Dalrymple Drive exit ramp, the I-10 EB Washington Street/Lorri Burgess Avenue exit ramp, and the I-10 westbound (WB) Lorri Burgess Avenue entrance ramp. Washington Street was renamed to Lorri Burgess Avenue since the 2019 Noise Study. The new proposal will also extend the length of the elevated portion of the I-10 mainline near Lorri Burgess Avenue. This traffic noise study addendum will focus on the noise impacts of the newly proposed alternative on adjacent properties. The Federal Highway Administration Traffic Noise Model (TNM 2.5) computer program was used to calculate predicted sound levels.

The study area of this noise addendum stretches along I-10 from the Nicholson Drive/Highland Road ramps to City Park Lake and along the east side of I-110 from I-10 to Government Street (see Figure 1). In the original proposal, this project reconfigured the I-10 EB Lorri Burgess Avenue exit ramp and removed the I-10 EB Dalrymple Drive exit ramp. All I-10 EB traffic heading to Dalrymple Drive would get off at the Lorri Burgess Avenue exit ramp and use the proposed roundabout and connector road to get to Dalrymple Drive. The original proposal also had an entrance ramp from Lorri Burgess Avenue to I-10 WB, a new I-10 WB exit ramp to Lorri Burgess Avenue, additional roundabouts, and connecting roads on both sides of the I-10 from Terrace Avenue to Dalrymple Drive.

In the new proposal, the LADOTD is removing the I-10 EB exit ramp to Lorri Burgess Avenue and the Lorri Burgess Avenue entrance ramp to I-10 WB. Instead, an exit ramp to Dalrymple Drive from I-10 EB will start northwest of Lorri Burgess Avenue, which will cross over Lorri Burgess Avenue and touch down at ground level before joining with the proposed Dalrymple Drive connector road. A barrier will be constructed between I-10 EB and I-110 southbound (SB) to the Dalrymple exit to prevent I-110 SB traffic from merging with I-10 EB to use this exit. No entrance ramp for I-10 WB will be constructed to replace the one that will be removed from Lorri Burgess Avenue in the new plans. The new plans will also extend the elevated section of the I-10 mainline near Lorri Burgess Avenue to approximately 200 feet southeast from where the original plans had the elevated section end. The roundabouts and connecting roads from the original proposal are carried into this new proposal. These changes to the I-10 ramp configuration and the extension of

the elevated portion of I-10 mainline changes the sound profile of the corridor and necessitates the re-evaluation of sound levels.

For the sake of this noise study, the new proposal with the I-10 Dalrymple Drive exit ramp, the I-10 Lorri Burgess Ave ramps removal, and the extended elevated portion of the I-10 mainline will be referred to as Alternative Two. The original design from the 2019 noise study will be referred to as Alternative One. Layouts of Alternative Two can be seen in Appendix B.

In the study area of this noise addendum, there is not enough right-of-way to use non-MASH TL-4 barriers, so MASH TL-4 barriers are the only barrier option. There are currently no MASH TL-4 tested barriers greater than 17 feet tall; therefore, the barriers in this report will be limited to a height of 17 feet. In addition, all barriers on structure are limited to a height of 14 feet, as stated in the LADOTD's Noise Policy.

This study will focus on determining noise impacts for the new design, Alternative Two, and will evaluate whether barriers are feasible and reasonable. If barriers are not considered feasible and potentially reasonable, then additional barrier designs will be presented as these barriers may be constructed using funding from alternative sources.



Figure 1: Noise Addendum Study Area

METHODOLOGY

This addendum will compare the new design, Alternative Two, with the previous design as proposed in the 2019 Bowlby Report, or Alternative One. Alternative One includes an elevated I-10 EB exit ramp for Lorri Burgess Avenue and an elevated I-10 WB entrance ramp from Lorri Burgess Avenue. Alternative Two proposes to replace the I-10 EB Lorri Burgess Avenue exit with an elevated exit ramp to Dalrymple Drive, removes the Lorri Burgess Avenue entrance ramp to I-10 WB, adds a barrier between I-10 EB and I-110 SB, and extends the elevated portion of the I-10 mainline approximately 200 feet southeast. Both of these alternatives will construct roundabouts, connecting roads along the I-10 mainline, and the I-10 WB exit ramp to Lorri Burgess Avenue. There are no existing sound barriers in the study area of this addendum. Alternative Two has traffic changes to the I-10 mainline and ramps due to the ramps reconfiguration. The traffic data for Alternative Two is presented in Appendix C.

This study is split into four sections divided by Lorri Burgess Avenue and I-10 that correspond to Noise Study Areas (NSA) outlined in the original 2019 noise analysis (see Figure 2). The receivers from the original report that have been demolished or added to acquisitions for this project are still included in the tables so receiver numbers remain consistent with the original report, but these receivers were excluded from the overall analysis. The EB1 NSA is the area south of the I-10 between the Highland/Nicholson ramps and Lorri Burgess Avenue. This area has 216 receivers representing 210 single-family residences, two park uses, and four churches; however, 10 receivers representing single-family residences have been demolished or the project plans to acquire these properties. The EB2 NSA is south of the I-10 and stretches from Lorri Burgess Avenue to City Park Lake. This NSA contains 160 receivers that represent 157 single-family residences, three park uses, and one church; however, 12 receivers representing single-family residences have been demolished or will be demolished for this project. The WB2 NSA stretches from Government Street to Lorri Burgess Avenue on the northeast side of I-10 and east side of I-110. The noise model for this area has 168 receivers representing 147 single-family households, 10 multi-family households, five schools, three churches, seven parks uses, and a non-profit building. In the years since the original report, 18 of the single-family residences have been demolished or added to plans for acquisition in this NSA. The WB3 NSA is located north of I-10 from Lorri Burgess Avenue to City Park Lake. The WB3 NSA has 51 receivers representing 48 single-family residences, four multi-family residences, one museum, and one church; however, nine single-family residences have been demolished or will be demolished for the project.

Noise impacts are determined by comparing predicted sound levels to a set of Noise Abatement Criteria (NAC) for different land use categories and by comparing existing noise levels to future noise levels. For the residential and recreational properties in the area, an impact would occur if the predicted sound level reaches or exceeds 66 dBA or if a substantial increase in sound level occurred. A substantial increase in sound levels is when the future sound level is 10 decibels higher than the existing sound level. The year 2020 was used for existing conditions models and the year 2040 was used for future models.



Figure 2: Noise Addendum NSAs

EB1 NSA RESULTS

The TNM simulated the sound levels for the existing conditions, Alternative One future conditions, and Alternative Two future conditions for EB1 NSA. In existing conditions, the sound levels of the receivers varied from 39.7 dBA to 76.4 dBA. For Alternative One, the sound levels of the receivers varied from 39.0 dBA to 75.9 dBA. Similarly, the receivers' sound levels in Alternative Two varied from 38.3 dBA to 74.9 dBA. The Alterative Two model predicted a decrease or slight increase in sound levels, ranged from -4.5 dBA to 1.8 dBA, when compared to existing conditions results, and a similar decrease or increase in noise levels, ranged from -4.7 dBA to 2.2 dBA, when compared to Alternative One results. When comparing the results of the existing and future models, none of the receivers was considered impacted due to a 10-dBA increase; however, 132 locations were impacted in existing conditions, 114 locations were impacted in Alternative One, and 99 locations were impacted in Alternative Two due to sound levels approaching or exceeding the NAC. The EB1 NSA TNM results are displayed in Table 1 and the detailed results are presented in Appendix D.

Table 1: EB1 NSA Noise Results Summary

Model	Noise levels (dBA)	Increase over Existing (dBA)	Increase over Alt. 1 (dBA)	Impacts
Existing	39.7 – 76.4	N/A	N/A	132
Alternative 1	39.0 – 75.9	-4.9 – 1.9	N/A	114
Alternative 2	38.3 – 74.9	-4.5 – 1.8	-4.7 – 2.2	99

EB2 NSA RESULTS

The EB2 model calculated the sound levels for the existing conditions, Alternative One, and Alternative Two scenarios. In existing conditions, the sound levels of the receivers varied from 39.9 dBA to 74.7 dBA. For Alternative One, the sound levels of the receivers varied from 40.5 dBA to 75.7 dBA. The model predicted that Alternative One sound levels would change minimally from the existing conditions sound levels, from -3.8 dBA to 3.0 dBA. Alternative Two sound level results varied from 38.9 dBA to 74.6 dBA. Some of the receivers' sound levels in Alternative Two reduced a large amount when compared to existing conditions and Alternative One because the proposed I-10 EB exit ramp to Dalrymple Drive is shielding the noise from the I-10 mainline. None of the receivers in either future scenario was considered impacted due to a substantial increase of sound levels; however, 63 locations were impacted in existing conditions, 71 locations were impacted in Alternative One, and 39 locations were impacted in Alternative Two due to noise levels approaching or exceeding the NAC. A summary of the EB2 NSA results is displayed in Table 2 and the detailed results are presented in Appendix E.

Table 2: EB2 NSA Noise Results Summary

Model	Noise levels (dBA)	Increase over Existing (dBA)	Increase over Alt. 1 (dBA)	Impacts
Existing	39.9 – 74.7	N/A	N/A	63
Alternative 1	40.5 – 75.7	-3.8 – 3.0	N/A	71
Alternative 2	38.9 – 74.6	-11.1 – 1.5	-12.0 – 0.3	39

WB2 NSA RESULTS

The sound levels for the existing, Alternative One, and Alternative Two conditions for the WB2 NSA were modeled in TNM. In existing conditions, the sound levels of the receivers varied from 41.8 dBA to 78.7 dBA. The sound levels for the future build models varied from 40.7 dBA to 78.0 dBA for Alternative One and 40.4 dBA to 78.0 dBA for Alternative Two. The inclusion of receiver 160 (2165 Carolina Street) increased the upper limit of the range for Alternative One, so the range is greater than reported in the original analysis. The existing conditions, Alternative One, and Alternative Two had similar sound levels ranges but individual receivers' sound levels changed because of the the design and traffic modifications. When compared to the receivers' sound levels in existing conditions, the receivers' sound levels in Alternative One differed by -3.7dBA to 4.3 dBA and the receivers' sound levels for Alternative Two differed by -4.3 dBA to 4.3 dBA. None of the receivers was impacted due to a substantial sound level increase, but 78 locations were

impacted in existing conditions, 53 locations were impacted in Alternative One, and 49 locations were impacted in Alternative Two due to sound levels approaching or exceeding the NAC. The WB2 NSA TNM results summary are displayed in Table 3 and the detailed results are presented in Appendix F.

Table 3: WB2 NSA Noise Results Summary

Model	Noise levels (dBA)	Increase over Existing (dBA)	Increase over Alt. 1 (dBA)	Impacts
Existing	41.8 – 78.7	N/A	N/A	78
Alternative 1	40.7 – 78.0	-3.7 – 4.3	N/A	53
Alternative 2	40.4 – 78.0	-4.3 – 4.3	-1.6 – 0.3	49

WB3 NSA RESULTS

Of the NSA studied in this addendum, WB3 NSA has the highest percentage of properties that either have been demolished since the original study or will be acquired for this project. In existing conditions, the sound levels of the receivers ranged from 46.3 dBA to 73.9 dBA. The future sound levels of the receivers varied from 47.1 dBA to 75.4 dBA for Alternative One, and from 44.7 dBA to 73.7 dBA for Alternative Two. When compared to existing conditions receivers' sound levels, the receivers' sound levels differed by -5.6 dBA to 2 dBA for Alternative One and -2.3 dBA to 1.3 dBA for Alternative Two. None of the receivers was impacted due to a substantial sound level increase, but 24 locations were impacted in existing conditions, 26 locations were impacted in Alternative One, and 24 locations were impacted in Alternative Two due to sound levels approaching or exceeding the NAC. The WB3 NSA TNM results are displayed in Table 4 and the detailed results are presented in Appendix G.

Table 4: WB3 NSA Noise Results Summary

Model	Noise levels (dBA)	Increase over Existing (dBA)	Increase over Alt. 1 (dBA)	Impacts
Existing	46.3 – 73.9	N/A	N/A	24
Alternative 1	47.1 – 75.4	-5.6 – 2.0	N/A	26
Alternative 2	44.7 – 73.7	-2.3 – 1.3	-3.8 – 6.3	24

EVALUATION OF FEASIBLE AND POTENTIAL REASONABLE BARRIERS

In this analysis, noise impacts were found in all NSAs studied, so noise abatement measures need to be evaluated in these areas. Like in the 2019 noise analysis, the construction of noise barriers are the only noise abatement measure considered potentially feasible and reasonable for these areas. A barrier was considered feasible if 75% of the adjacent impacted first row receivers benefitted from the noise barrier. Under the LADOTD policy, benefitted receivers were those that achieve a 5-dBA reduction in noise level due to the barrier. Other feasibility factors were considered such as safety, drainage, and property access.

A barrier's reasonableness was determined by three factors: 1) the noise reduction goal, 2) the cost effectiveness, and 3) the viewpoints of the benefitted receivers. In order for a barrier to reach the noise reduction goal, at least one receiver had to achieve an 8 dBA or greater reduction in noise

level because of the noise barrier. The cost effectiveness of the barrier was determined by estimating the cost of the barrier construction and dividing by the number of benefitted receivers. The estimation of the barrier cost in this report used the LADOTD 2021 Noise Barrier Construction Cost. If the cost of the barrier per benefitted receiver was less than $47,000, the barrier was determined to be cost effective. If any barrier was found to be both feasible and reasonable for the first two criteria, then a survey of the barrier's benefitted receivers will be conducted. If 50% or more of the survey responses are positive, then the barrier is considered reasonable.

The modeled TNM noise barriers, the sound results, and the feasibility and reasonableness worksheets for each barrier are given in Appendix H. Barriers in EB1, EB2, and WB2 were found not to be feasible. Further analysis showed that many first row impacted receivers could not benefit from the barriers because of the added deck noise from the bridge structures nearby; however, a design of WB3 that included ground-mounted and structure-mounted barriers was found to be feasible. This design was evaluated for reasonableness. The WB3 barrier design achieved the first goal for reasonableness, but was not able to meet the cost-effectiveness goal. Therefore, none of the design barriers along this section of the project were found to be reasonable and feasible. This is different from the original study where barrier designs for EB2 and WB3 were feasible and potentially reasonable. The reason the EB2 barrier design is no longer feasible is that the extended bridge structure is producing additional deck noise to the impacted first row receivers, so that 75% or more of the adjacent impacted first row receivers no longer benefit from the barrier. The WB3 barrier design is no longer reasonable because many of the residences that benefitted from the original barrier design are no longer there or will be demolished. The reduction of benefitted receivers increased the barrier cost per benefitted receiver ratio to the point that none of the barrier design could meet the cost effectiveness goal for reasonableness.

OTHER POSSBILE BARRIERS FOR IMPACTED AREAS

In the 2019 Noise Report, barriers requiring special state appropriation or other additional funding were presented in case such funding was made available. Three barrier design types were developed for the NSAs in this addendum. The first design type (All) was developed to maximize the amount of benefitted receivers. The All barrier designs for EB1, EB2, WB2, and WB3 are shown in Figures 3-6 respectively. The second design type (Mid) was developed to roughly match what was previously shown to the public, but aim for a lower barrier cost per benefitted receiver ratio. There are some differences between the Mid barrier designs and the barriers shown in the 2019 report due to design changes and that some barriers were removed as they no longer benefited receivers. The Mid barrier designs are shown in Figures 7-10. The last barrier design type (Short) prioritized the lowest barrier cost per benefitted receiver ratio for each NSA. The focus on the lowest barrier cost per benefitted receiver ratio excluded many receivers from benefitting from the barriers in the EB1 NSA. For EB2 and WB3 NSAs, the Mid and Short barrier designs were roughly the same since the Mid barriers design already optimized the barrier cost per benefitted receiver ratio for these NSAs, but there were slight differences due to the changes in barrier designs for EB1 and WB2 which were adjacent to EB2 and WB3 receivers. The Short barrier designs for EB1, EB2, WB2, and WB3 NSAs are shown in Figures 11-14.



Figure 3: EB1 All Barrier Design and Benefitted Receivers

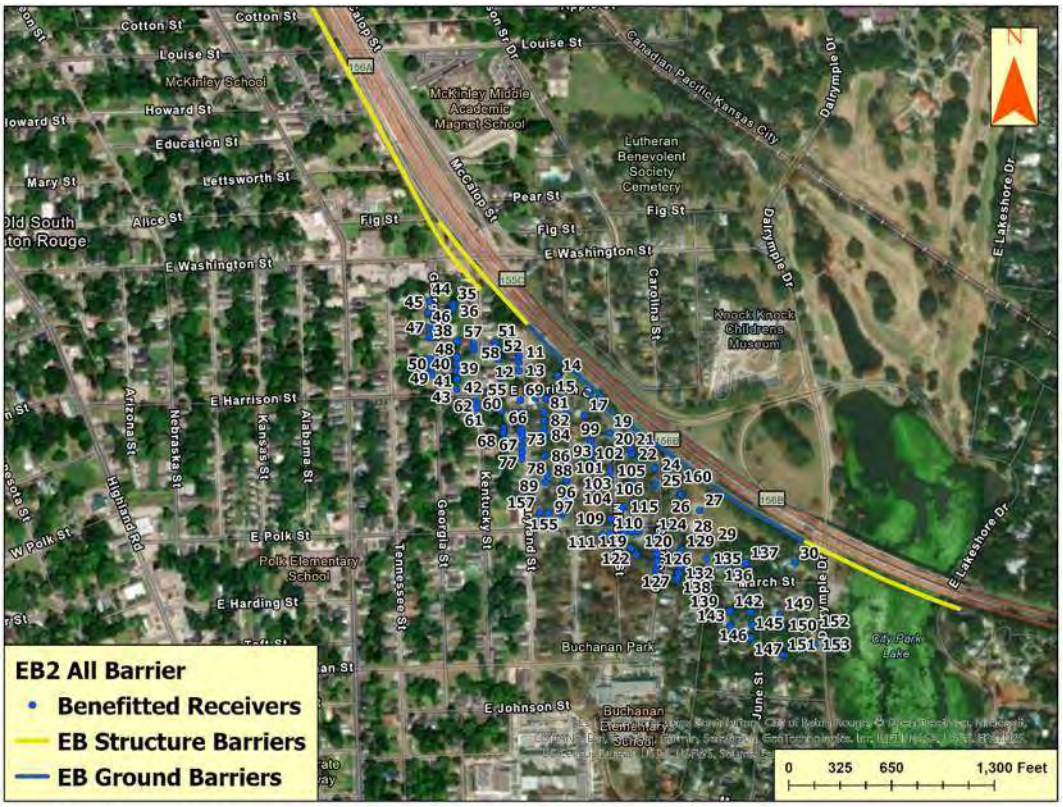


Figure 4: EB2 All Barrier Design and Benefitted Receivers



Figure 5: WB2 All Barrier Design and Benefitted Receivers



Figure 6: WB3 All Barrier Design and Benefitted Receivers

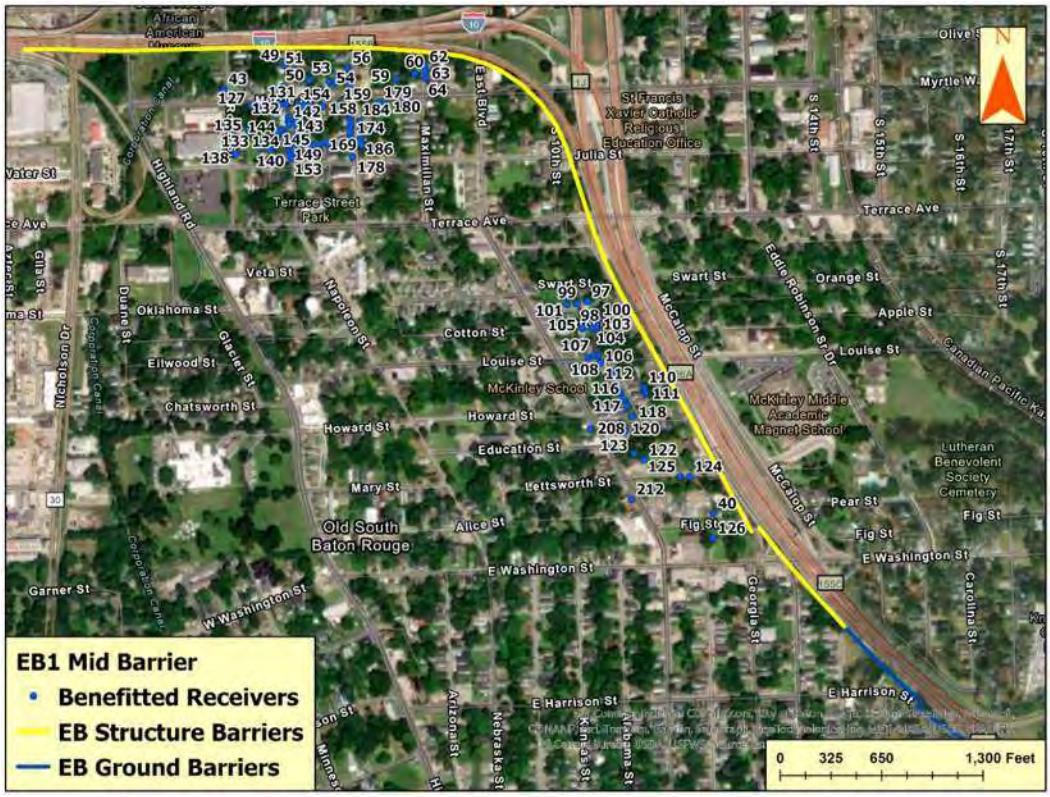


Figure 7: EB1 Mid Barrier Design and Benefitted Receivers

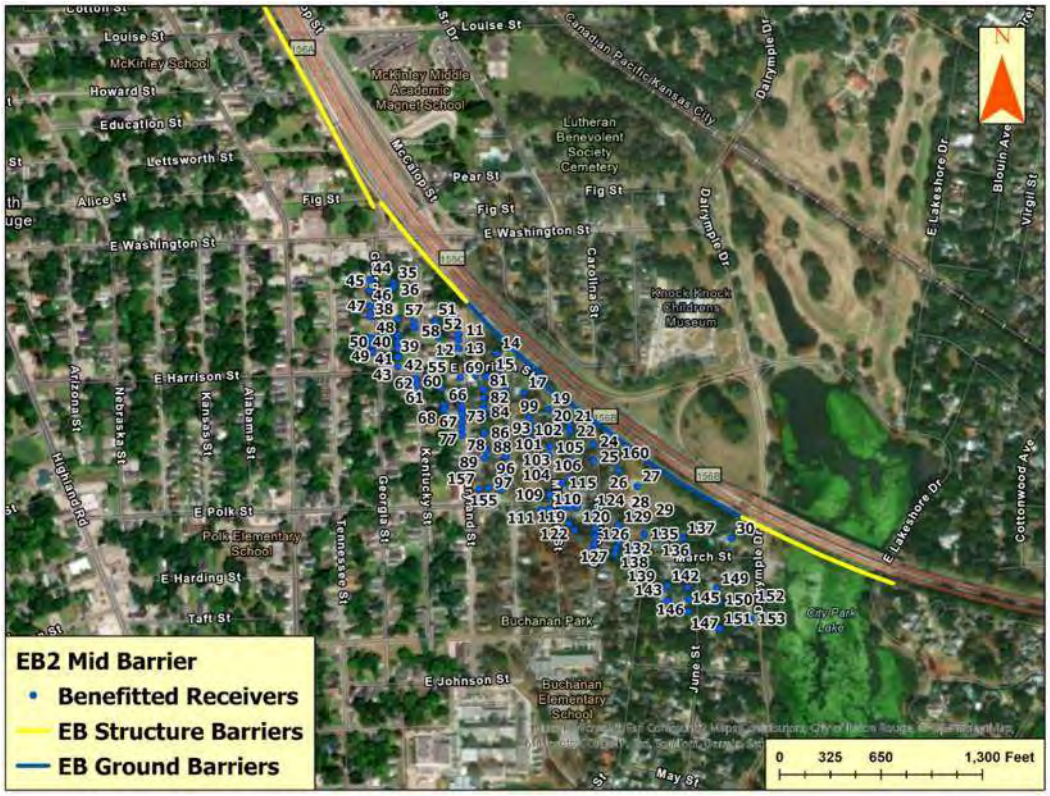


Figure 8: EB2 Mid Barrier Design and Benefitted Receivers



Figure 9: WB2 Mid Barrier Design and Benefitted Receivers



Figure 10: WB3 Mid Barrier Design and Benefitted Receivers



Figure 11: EB1 Short Barrier Design and Benefitted Receivers

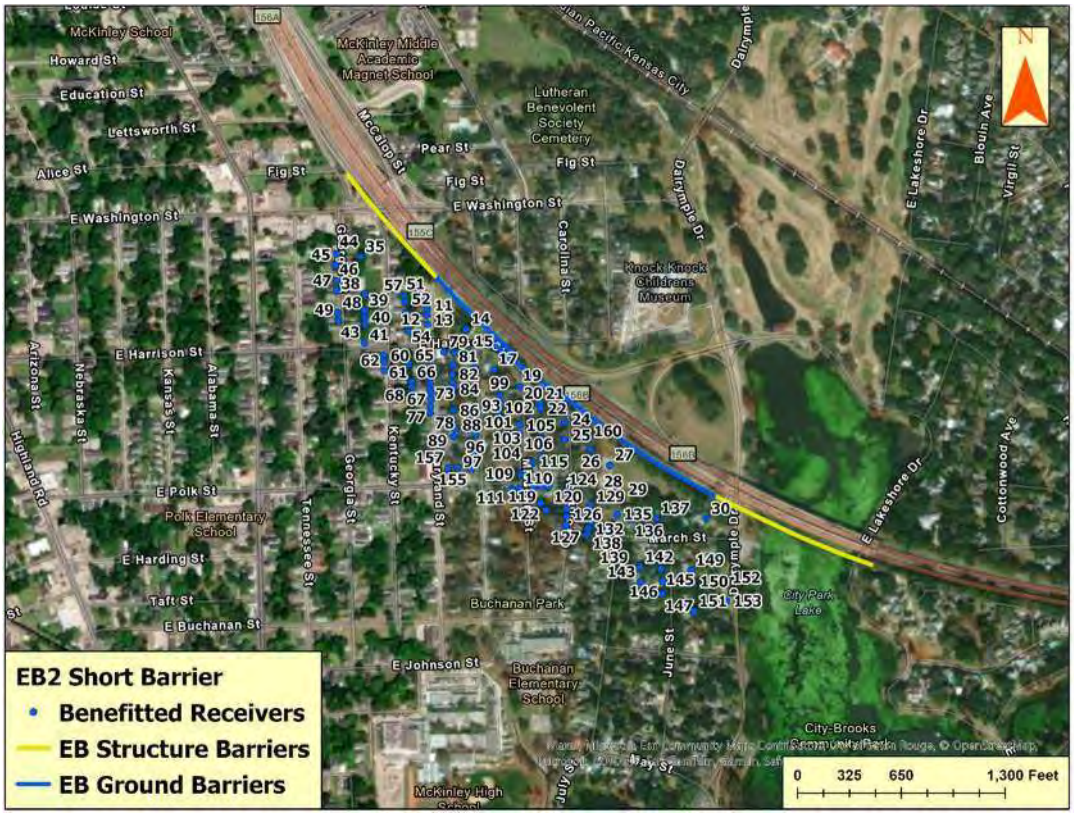


Figure 12: EB2 Short Barrier Design and Benefitted Receivers



Figure 13: WB2 Short Barrier Design and Benefitted Receivers



Figure 14: WB3 Short Barrier Design and Benefitted Receivers

The LADOTD is recommending the Mid barrier designs if additional funding is identified. These barrier designs are similar to what was previously presented to the public. The Mid barrier designs also have a much lower estimated costs than the All barrier designs, and benefit many more receivers than the Short barrier designs. The detailed results for these barrier designs and zoomed in maps are presented in Appendix I. The All barrier designs for EB1, EB2, WB2, and WB3 NSAs are in Appendices I-1, I-2, I-3, and I-4 respectively. Likewise, the Mid barrier designs are given in Appendices I-5, I-6, I-7, and I-8 while the Short barrier designs are given in Appendices I-9, I-10, I-11, and I-12.

CONCLUSION

The new design for I-10 mainline and ramps between Highland Road and City Park Lake has similar predicted sound levels for the EB1, WB2, and WB3 NSAs when compared to the previous proposed design, but lower sound levels for some receivers in the EB2 NSA due to the I-10 EB Dalrymple Drive exit ramp shielding the noise from the I-10 mainline. Across the areas examined in this report, Alternative Two had 208 receivers representing 211 locations impacted due to noise levels approaching or exceeding the NAC. Noise impacts occurred in all four NSAs, so noise abatement measures were evaluated for all four study areas. None of the barriers studied in these areas was found to be both feasible and reasonable, so none of the barrier designs in these NSAs qualifies for federal funding. Noise barriers may be constructed for these areas if additional funding is identified. The recommended barrier design along this corridor if additional funding is identified is the Mid Barrier design.

Appendix A

Original Noise Report (2019)

Traffic Noise Analysis Technical Report

Interstate 10
LA 415 to Essen Lane (I-10/I-12)
East and West Baton Rouge Parishes, Louisiana

State Project No. H.004100

Submitted to:
Louisiana Department of Transportation and Development

Prepared by:
Bowlby & Associates, Inc.
2505 21st Avenue South, Suite 300
Nashville, TN 37212

Prepared for:
Providence Engineering and Environmental Group LLC
1201 Main Street
Baton Rouge, LA 70802

September 2019

TABLE OF CONTENTS

1 Introduction 1

2 Traffic Noise Analysis 2

2.1 Traffic Noise Terminology 2

2.2 Criteria for Determining Impacts 3

2.3 Noise Study Areas 4

2.4 Noise Measurements 10

2.5 Model Validation 12

2.6 Existing and Future Noise Levels and Impacts 12

2.6.1 Existing Year 2020 15

2.6.2 No-Build Year 2040 15

2.6.3 Build Year 2040 15

2.7 Noise Impact Summary 21

2.8 Noise Abatement Evaluation 22

2.8.1 Noise Study Areas without Existing Noise Barriers 23

2.8.2 Noise Study Areas with Existing Noise Barriers 26

2.9 Statement of Likelihood 26

2.10 Construction Noise 28

2.11 Information for Local Officials 28

2.12 Indirect and Cumulative Effects 29

3 References 30

Appendix A Noise Measurement Results and Traffic Counts

Appendix B Traffic Data for TNM Modeling

Appendix C Predicted Noise Levels and Impacts

Appendix D Noise Abatement Results and Benefits

Appendix E Likely Noise Barriers

LIST OF TABLES

Table 1. Noise Abatement Criteria 4
Table 2. Noise Study Areas 5
Table 3. Existing Noise Levels at Measurement Locations 10
Table 4. Noise Impact Summary 13
Table 5. Feasibility Evaluation for NSAs Without Existing Noise Barriers 24
Table 6. Reasonableness Evaluation for NSAs Without Existing Noise Barriers 25
Table 7. Evaluation for NSAs With Existing Noise Barriers 27
Table 8. Likely Noise Barriers 28
Table 9. Design Year 2040 Predicted Noise Levels for Undeveloped Areas 29

LIST OF FIGURES

Figure 1. Project Area 1
Figure 2. Common Sound Levels 3
Figure 3. Noise Study Areas 8

1 INTRODUCTION

This report documents the results of a noise analysis as part of the environmental process for the I-10 widening project in East Baton Rouge and West Baton Rouge Parishes, Louisiana. Figure 1 shows the project area, which extends approximately nine miles from LA 415 in West Baton Rouge Parish to Essen Lane in East Baton Rouge Parish.

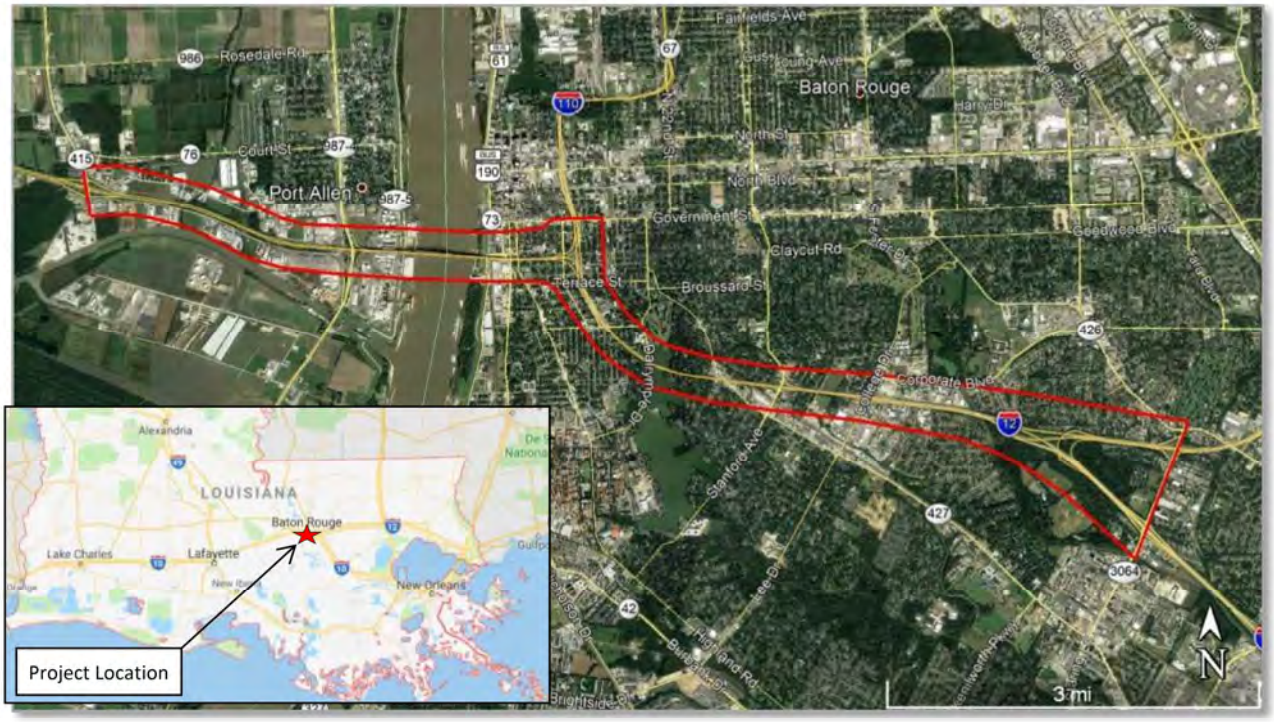


Figure 1. Project Area

The proposed improvements include widening both eastbound and westbound I-10 by one travel lane from LA 415 to the I-10/I-12 split. The project also includes modifications to the I-10 interchanges at LA 1, Washington Street, Dalrymple Drive, Perkins Road, and Acadian Thruway. A flyover ramp is proposed from westbound I-10 to College Drive as well as the replacement of the Nairn Drive overpass bridge. A dedicated right exit is also proposed off the College Drive westbound off-ramp to allow traffic to flow directly to Corporate Boulevard via Trust Drive. Generally, the interchange modifications involve:

- LA 1 - ramp modifications to accommodate shoulder widening and an auxiliary lane to LA 415
- Washington Street/Dalrymple Drive (Washington/Dalrymple)– one consolidated interchange is proposed for Washington/Dalrymple
- Perkins - removal of the Perkins ramps
- Acadian – ramp lengthening and ramp widening of the existing diamond along with at-grade improvements along Acadian Thruway between Perkins Road and I-10

2 TRAFFIC NOISE ANALYSIS

This study has been prepared in accordance with the Federal Highway Administration (FHWA) noise regulation, *Procedures for Abatement of Highway Traffic and Construction Noise*, *23 CFR 772* (FHWA, 2010), and the Louisiana Department of Transportation and Development (DOTD) *Highway Traffic Noise Policy* (DOTD, 2011). The noise analysis included the following tasks:

1. Identification of noise study areas (NSA) and associated receptors (discrete or representative locations in an NSA for the land uses listed in 23 CFR 772) within 500 feet of the project
2. Determination of existing noise levels at selected receptors to characterize the existing noise environment in the project area
3. Prediction of future noise levels with and without the project
4. Determination of impacted receptors
5. Evaluation of noise abatement for impacted areas
6. Discussion of construction noise
7. Information for local officials.

Each of these analysis steps is discussed below, following a discussion of traffic noise terminology and DOTD's criteria for determining noise impacts.

2.1 Traffic Noise Terminology

Traffic noise levels are expressed in terms of the hourly, A-weighted equivalent sound level in decibels (dBA). A sound level represents the level of the rapid air pressure fluctuations caused by sources such as traffic that are heard as noise. A decibel is a unit that relates the sound pressure of a noise to the faintest sound the young human ear can hear. The A-weighting refers to the amplification or attenuation of the different frequencies of the sound (subjectively, the pitch) to correspond to the way the human ear "hears" these frequencies.

Generally, when the sound level exceeds the mid-60 dBA range, outdoor conversation in normal tones at a distance of three feet becomes difficult. A 9-10 dB increase in sound level is typically judged by the listener to be *twice* as loud as the original sound while a 9-10 dB reduction is judged to be *half* as loud. Doubling the number of sources (i.e., vehicles) will increase the hourly equivalent sound level by approximately 3 dBA, which is usually the smallest change in hourly equivalent A-weighted traffic noise levels that people can detect without specifically listening for the change. Figure 2 shows common indoor and outdoor sound levels.

Because most environmental noise fluctuates from moment to moment, it is standard practice to condense data into a single level called the equivalent sound level (L_{eq}). The L_{eq} is a steady sound level that would contain the same amount of sound energy as the actual time-varying sound evaluated over the same time period. The L_{eq} averages the louder and quieter moments but gives much more weight to the louder moments in the averaging. For traffic noise assessment purposes, L_{eq} is typically evaluated over the worst one-hour period and is written as $L_{eq}(h)$.

The term insertion loss (IL) is generally used to describe the reduction in $L_{eq}(h)$ at a location after a noise barrier is constructed. For example, if the $L_{eq}(h)$ at a residence before a barrier is constructed is 75 dBA and the $L_{eq}(h)$ after a barrier constructed is 65 dBA, then the insertion loss would be 10 dB.

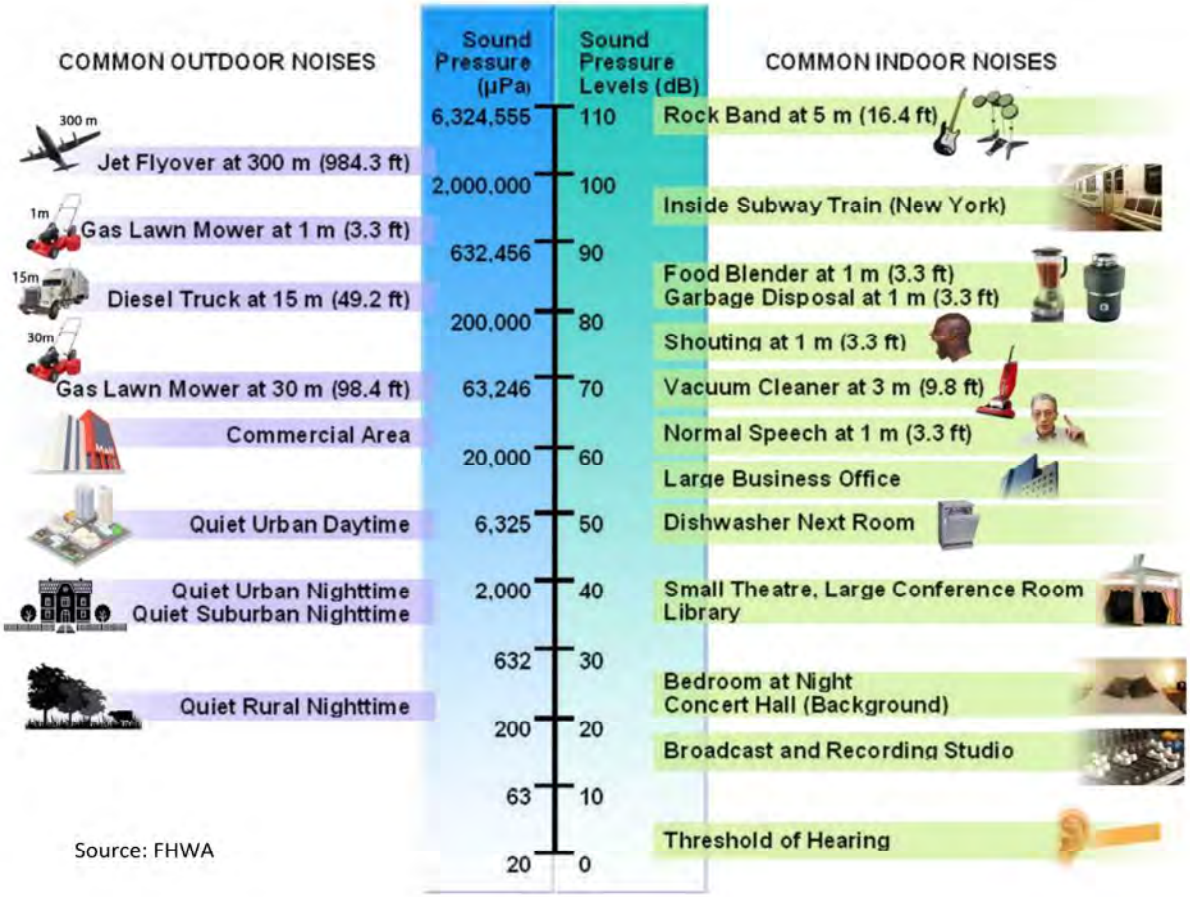


Figure 2. Common Sound Levels

2.2 Criteria for Determining Impacts

Noise impact is determined by comparing future "design year" project worst-hour noise levels at areas of frequent human use to: (1) a set of Noise Abatement Criteria (NAC) for different land use categories, and (2) existing noise levels. The FHWA noise regulation and DOTD noise policy require that noise abatement be considered when traffic noise impacts have been identified. Table 1 shows the land uses that are classified as Activity Categories A - G and the corresponding NAC.

Specifically, a receptor is impacted in either of two ways:

1. The predicted, worst-hour noise level in the design year approaches or exceeds the NAC. DOTD defines "approach" as 1 dB less than the NAC. For example, the NAC for Activity Category B and C land uses is 67 dBA. An impact would occur if the predicted noise level is 66 dBA or higher at an exterior area of frequent exterior human use for either category.

2. The predicted, worst-hour noise level in the design year exceeds the existing noise level by 10 dB or more, even if the NAC is not approached or exceeded.

Table 1. Noise Abatement Criteria

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

[1] Includes undeveloped lands permitted for this activity category.

2.3 Noise Study Areas

A review of available electronic mapping as well as field reconnaissance identified 16 Noise Study Areas (NSAs) containing noise-sensitive land uses. These NSAs are described in Table 2 and shown in Figure 3. As indicated in Table 2, each NSA includes varying combinations of Activity Category B, C, D, and E land uses. The primary land use along the project corridor is Activity Category B residential (single-family residences and multi-family dwellings). Five (5) NSAs between South Acadian Thruway and the east project limit at Essen Lane currently have noise barriers and one NSA (WB6) does not. The ten (10) NSAs between the west project limit at LA 415 and South Acadian Thruway Avenue do not have noise barriers.

The I-10 corridor is heavily developed; however, some tracts of undeveloped Activity Category G lands exist along the project. These undeveloped lands are not noise-sensitive and have not been included in the noise analysis. However, noise impacts could occur in the future if noise-sensitive land uses are constructed near I-10 or I-12. A discussion of future noise levels and the need for noise-compatible land use planning is provided later in this report.

Table 2. Noise Study Areas

Noise Study Area	Existing Noise Barrier?	Description	
EB1	No	**South of I-10, between the Mississippi River and East Washington Street**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category C (exterior)	Baranco Clark YMCA playground
		Activity Category D (interior)	Fairview Baptist Church, Progressive Baptist Church, New Jerusalem Baptist Church, Neeley United Methodist Church
EB2	No	**South of I-10, between East Washington Street and Dalrymple Drive**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category C (exterior)	East Polk Street Park (basketball court, playground, baseball)
		Activity Category D (interior)	Calvary Third Baptist Church
EB3a	No	**South of I-10, between East Lakeshore Drive and Christian Street**	
		Activity Category B (exterior)	Numerous single-family residences, including townhomes on Fiero Street
EB3b	No	**South of I-10, between Christian Street and South Acadian Thruway**	
		Activity Category B (exterior)	Numerous single-family residences, including townhomes on Christian Street, and Hollydale Ave, and some apartments above a commercial restaurant
		Activity Category E (exterior)	Saltgrass Steakhouse patio, Schlittz and Giggles patio
EB4	**Yes**	**South of I-10, between South Acadian Thruway and College Drive**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category C (exterior)	Nairn Park (playground, ball fields, basketball court, picnic area)
		Activity Category E (exterior)	Courtyard by Marriott (Acadian Centre) pool
EB5	**Yes**	**South of I-10, between College Drive and the I-10/I-12 split**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category E (exterior)	Hampton Inn pool, Crowne Plaza pool, Holiday Inn pool, and the Doubletree Hotel patio
EB6	**Yes**	**South of I-12, between I-the 10/I-12 split and Essen Lane**	
		Activity Category B (exterior)	Numerous single-family residences

Noise Study Area	Existing Noise Barrier?	Description	
WB1	**No**	**North of I-10 and west of I-110, between the Mississippi River and Government Street**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category C (exterior)	Foreign Language Academic Immersion Magnet (FLAIM) Elementary School playground, Odell Williams Museum of African American History picnic tables
		Activity Category D (interior)	Liberty Chapel Baptist Church, New St. Luke Baptist Church, St. Agnes Catholic Church
WB2	**No**	**East of I-110 and I-10, between Government Street and East Washington Street**	
		Activity Category B (exterior)	Numerous single-family residences, some duplexes, and apartments
		Activity Category C (exterior)	St Francis Xavier Church exterior area and courtyard, St Francis Xavier Early Child Development playground, St Francis Xavier Child Care Center playground, Brooks Park swimming pool and playground, Expressway Park playground, picnic area, basketball court and football field
		Activity Category D (interior)	McKowen Missionary Baptist Church, New Prospect Missionary Baptist Church, McKinley Middle Magnet School
WB3	**No**	**North of I-10 between East Washington Street and Dalrymple Drive**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category C (exterior)	Knock Knock Children's Museum picnic area
		Activity Category D (interior)	Ebenezer Baptist Church
WB4a	**No**	**North of I-10 between East Lakeshore Drive and Perkins Road**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category E (exterior)	Duvics patio

Noise Study Area	Existing Noise Barrier?	Description	
WB4b	**No**	**North of I-10 between Perkins Road and South Acadian Thruway**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category C (exterior)	Madera Verde Apartments courtyard
		Activity Category E exterior)	Digiulio Brothers patio, City Pork patio
WB5	**Yes**	**North of I-10 between South Acadian Thruway and College Drive**	
		Activity Category B (exterior)	Numerous single-family residences
		Activity Category D (interior)	Cathedral of Faith Ministry Church
		Activity Category E (exterior)	Radisson Hotel pool
WB6	**No**	**North of I-10 between College Drive and the I-10/I-12 split**	
		Activity Category E (exterior)	Tru by Hilton Hotel pool, Baton Rouge Marriott pool, Richmond Inn & Suites pool, Homewood Suites pool
WB7	**Yes**	**North of I-12 between the I-10/I-12 split and Essen Lane**	
		Activity Category B (exterior)	Numerous single-family residences, townhomes and apartments
		Activity Category C (exterior)	Jefferson Place Apartments & Condominiums pool
WB8	**No**	**North of I-10 between LA 415 and 2179 Commercial Drive**	
		Activity Category B (exterior)	Allen Courts Apartments, Westport Village Apartments, Riverwest Apartments
		Activity Category E (exterior)	Hampton Inn & Suites pool, Comfort Suites pool, La Quinta Inn & Suites pool



Figure 3. Noise Study Areas



Figure 3: Noise Study Areas (cont'd)

2.4 Noise Measurements

Noise measurements were conducted at several DOTD-approved noise-sensitive land uses in the project area on March 20-22, 2018. Table 3 summarizes the noise levels at each measurement location. Appendix A contains figures showing the measurement locations as well as the noise measurement results.

Table 3. Existing Noise Levels at Measurement Locations

Noise Study Area	Site	Date	Time	Distance to I-10 (ft)	Measured L_{Aeq} (dBA)	Predicted L_{Aeq} (dBA)	Predicted - Measured Difference (dB)
EB2	1926 Maryland St	3/21/2018	10:30 - 10:50	145	70.5	72.4	1.9
		3/21/2018	14:40 - 15:05		66.7	66.8	0.1
		3/22/2018	11:15 - 11:35		70.3	70.4	0.1
	1159 E Harrison St	3/21/2018	10:31 - 10:51	110	73.4	75.3	1.9
		3/21/2018	14:40 - 15:05		69.1	68.7	-0.4
		3/22/2018	11:15 - 11:35		74.2	73.1	-1.1
	East Polk St basketball court	3/21/2018	10:30 - 10:50	130	70.6	72.7	2.1
		3/22/2018	11:15 - 11:35		71.5	70.5	-1.0
EB3a	2226 Estates Rd	3/21/2018	12:25 - 12:51	90	73.2	75.9	2.7
		3/22/2018	10:30 - 10:49		72.9	75.7	2.8
	2808 Fiero St	3/21/2018	12:25 - 12:51	115	74.5	75.0	0.5
		3/22/2018	10:30 - 10:50		74.9	75.4	0.5
	2012 Estates Rd	3/21/2018	12:28 - 12:56	85	74.1	76.0	1.9
		3/22/2018	10:30 - 10:50		74.1	75.5	1.4
EB4	2835 Balis Dr	3/20/2018	13:15 - 13:30	100	67.3	n/a	n/a
	2741 Yazoo St	3/20/2018	13:56 - 14:11	65	72.3	n/a	n/a
EB5	5641 Trenton Ave	3/20/2018	12:41 - 12:56	150	65.9	n/a	n/a
WB3	1853 Virginia St	3/21/2018	09:30 - 09:50	115	74.2	75.4	1.2

Noise Study Area	Site	Date	Time	Distance to I-10 (ft)	Measured L_{Aeq} (dBA)	Predicted L_{Aeq} (dBA)	Predicted - Measured Difference (dB)
		3/21/2018	14:05 - 14:25		72.7	70.5	-2.2
	1417 E Harrison St	3/21/2018	09:30 - 09:50	150	71.6	74.0	2.4
		3/21/2018	14:05 - 14:25		69.1	69.6	0.5
WB4a	2285 Elissalde St	3/21/2018	11:24 - 11:44	160	69.6	72.0	2.4
	2280 Baywood Ave	3/21/2018	11:25 - 11:45	85	74.3	77.2	2.9
		3/22/2018	09:50 - 10:12		73.1	74.7	1.6
	2244 Ebony St	3/22/2018	09:50 - 10:10	75	72.4	74.1	1.7
WB5	2685 Balis Dr	3/21/2018	05:40 - 05:55	125	67.5	n/a	n/a
	2643 Yazoo St	3/21/2018	06:02 - 06:17	125	72.3	n/a	n/a
WB7	7210 Leyland Ct	3/22/2018	06:01 - 06:15	125	64.6	n/a	n/a
	7607 Claret Dr	3/22/2018	06:24 - 06:39	110	65.3	n/a	n/a
WB8	Westport Village Apts	3/21/2018	06:34 - 06:49	780	63.9	n/a	n/a
		3/22/2018	14:22 - 14:45		59.3	n/a	n/a

Short-term noise measurements were conducted by making a series of consecutive one-minute measurements for at least 15 minutes at each site during a peak and an off-peak period. The higher measured noise level is considered to be representative of the worst noise hour. Non-representative noises (i.e., local traffic, dog barking, sirens, etc.) during these measurements were noted, and the corresponding one-minute measurement periods were eliminated from the calculation of the measured noise level.

As indicated in Table 3, existing noise levels at the exterior measurement locations were between 59 and 75 dBA. The lower noise levels were recorded at locations farther from I-10 or at receptors behind existing noise barriers. Noise levels in the upper 60 dBA to low 70 dBA range were recorded at the first-row residences near I-10 and I-12 that are not behind an existing noise barrier.

The noise measurements in NSAs EB2, EB3a, WB3, and WB4a were used for validation purposes as discussed in Section 2.5. NSAs EB4, EB5, WB5, and WB7 are protected by existing noise barriers. Noise measurements in these areas were conducted to better understand existing noise levels in the project area. The measurement location in NSA WB8 is nearly 800 feet from I-10 and not a suitable validation location. The measured levels in EB4, EB5, and WB5 were higher than those measured in WB7 likely due

to parallel barrier reflection effects creating higher levels behind the noise barriers, whereas parallel barriers don't exist in NSA in WB7.

2.5 Model Validation

DOTD noise policy requires validation of the FHWA Traffic Noise Model (TNM 2.5) computer program that is used to calculate worst-hour equivalent noise levels. Validation involves conducting noise measurements at locations near the existing roadway while conducting simultaneous vehicle classification counts of the traffic and estimating travel speed. The traffic counts are factored up to hourly volumes and, along with the speeds, are entered into a TNM 2.5 model that has been created for existing conditions. The predicted noise levels are then compared to the measured noise levels. If the predicted noise level is within 3 dBA of the measured level, the model is considered validated.

Traffic data was collected for I-10 and any significant ramps or local roads during the measurements at the validation locations in NSAs EB2, EB3a, WB3, and WB4a. Appendix A includes the traffic data for the validation measurements. The last two columns of Table 3 presents the validation results. As shown, the TNM predicted noise levels for were within 3 dB of the measured levels at all of the validation locations; therefore, the modeling is considered validated.

2.6 Existing and Future Noise Levels and Impacts

The FHWA TNM 2.5 computer program was used to calculate worst-hour noise levels for the receptors for existing conditions and for the future Build and No-Build Alternatives. Receptors were modeled with TNM "receiver" points at areas of frequent human at noise-sensitive land uses. For single-family residences, that area could be the front or back yard, depending on orientation. Large buildings were modeled as noise barriers to properly account for the shielding provided by those structures. Significant terrain features were also modeled. The default ground surface of lawn grass was used, with large paved areas or bodies of water modeled using ground zones.

Each lane of I-10 and I-12 was modeled as a separate TNM "roadway" and the posted speeds were used with the Level of Service (LOS D) traffic. Urban Systems, Inc. developed LOS D traffic volumes for I-10 and I-12 for year 2020 and Future Year 2040 for the Build and No-Build Alternatives include the hourly volumes. The year 2020 traffic data was used to represent existing conditions. Appendix B includes the traffic data used in the models.

Many noise receptors along the project are affected by structure-borne noise emanating from the underside of the I-10 bridge structures. TNM does not predict structure-borne noise. To estimate the contribution of the structure-borne noise from the bridge decks, measurements were conducted at two sites in close proximity to a bridge deck, at a series of distances back from the structure. That data was used to develop adjustments that were applied to the predicted traffic noise levels to account for structure-borne noise. The adjustments were applied to predicted noise levels for receivers within 150 feet of an I-10 bridge structure. The adjustments for the new structures could be different than for the existing structures; however, those details are not currently available.

Table 4 summarizes the predicted noise levels and impacts for each NSA. The results are discussed in the following sections. Appendix C provides tables of predicted results and figures showing the modeled receiver points, and noise impact designations.

Table 4. Noise Impact Summary

NSA	Description	Existing/No-Build 2040 Noise Levels (dBA)	No-Build 2040 Impacts	Build 2040 Noise Levels (dBA)	Build 2040 Noise Impacts				Existing Barrier?	Abatement Evaluation Needed?
					Substantial Increase		NAC			
					Impacts?	#	Impacts?	#		
EB1	South of I-10, between the Mississippi River and East Washington Street	55-76	144	57-76	No	0	Yes	130	No	Yes
EB2	South of I-10, between East Washington Street and Dalrymple Drive	56-75	75	58-76	No	0	Yes	82	No	Yes
EB3a	South of I-10, between East Lakeshore Drive and Christian Street	61-79	30	61-79	No	0	Yes	29	No	Yes
EB3b	South of I-10, between Christian Street and South Acadian Thruway	58-79	50	57-78	No	0	Yes	48	No	Yes
EB4	South of I-10, between South Acadian Thruway and College Drive	53-65	0	53-64	No	0	No	0[1]	Yes	No[1]
EB5	South of I-10, between College Drive and the I-10/I-12 split	53-65	0	53-66	No	0	No	0	Yes	No
EB6	South of I-12, between I-the 10/I-12 split and Essen Lane	52-61	0	52-61	No	0	No	0	Yes	No
WB1	North of I-10 and west of I-110, between the Mississippi River and Government Street	52-78	56	51-78	No	0	Yes	43	No	Yes
WB2	East of I-110 and I-10, between Government Street and East Washington Street	51-79	99	50-78	No	0	Yes	64	No	Yes

Table 4. Noise Impact Summary

NSA	Description	Existing/No-Build 2040 Noise Levels (dBA)	No-Build 2040 Impacts	Build 2040 Noise Levels (dBA)	Build 2040 Noise Impacts				Existing Barrier?	Abatement Evaluation Needed?
					Substantial Increase		NAC			
					Impacts?	#	Impacts?	#		
WB3	North of I-10 between East Washington Street and Dalrymple Drive	62-76	36	62-76	No	0	Yes	35	No	Yes
WB4a	North of I-10 between East Lakeshore Drive and Perkins Road	60-78	29	60-78	No	0	Yes	29	No	Yes
WB4b	North of I-10 between Perkins Road and South Acadian Thruway	58-75	61	58-74	No	0	Yes	36	No	Yes
WB5	North of I-10 between South Acadian Thruway and College Drive	53-78	11	53-78	No	0	Yes	10[2]	Yes	Yes
WB6	North of I-10 between College Drive and the I-10/I-12 split	54-67	0	55-69	No	0	No	0	No	No
WB7	North of I-12 between the I-10/I-12 split and Essen Lane	40-68	2	41-67	No	0	Yes	1	Yes	Yes
WB8	North of I-10 between LA 415 and 2179 Commercial Drive	57-62	0	57-62	No	0	No	0	No	No
Total			**593**					**508**		

1 No impacts predicted using TNM, however, this NSA is conditionally designated as impacted because of potential parallel barrier effects.
2 Impacts predicted using TNM. Additional conditional impacts possible because of potential parallel barrier effects.

2.6.1 Existing Year 2020

The TNM model developed for the validation process was used to predict worst-hour noise levels for Existing Year 2020 conditions at the noise-sensitive land uses in each NSA. The posted speeds were used for I-10 and I-12.

Predicted exterior worst noise hour noise level for the Existing Year 2020 ranged from 40 to 79 dBA. The highest noise levels are predicted at the receptors closest to I-10 with exposure to the structure-borne noise. The lower noise levels are predicted at the receptors furthest from I-10 and I-12. Predicted noise levels for receptors within NSAs with an existing noise wall are generally lower than those for receivers within NSAs without an existing noise wall.

A total of 593 receptors would be impacted under existing conditions including 572 Activity Category B residences, 16 Activity Category C uses, one Activity Category D use, and four Activity Category E uses.

2.6.2 No-Build Year 2040

When a road is congested and over capacity during peak travel periods, the existing worst-hour noise levels will occur during another time of day when traffic is traveling at or above the posted speed limit. I-10 and I-12 are congested roadways for many hours of the day. Although traffic on I-10 and I-12 will continue to grow without the project, the combination of traffic volume and speed that generates the worst-hour noise levels will not. Therefore, the same LOS D traffic volumes would produce the same worst-hour noise levels under both existing and No-Build conditions although the worst noise hour may shift to another time of day. The length of time that worst-noise hour traffic conditions exist is also likely to increase. As a result, worst-hour noise levels for No-Build Year 2040 will be the same as for existing conditions and the same receptors will be impacted.

2.6.3 Build Year 2040

The noise levels for the Build Year 2040 were determined by modeling the proposed I-10 geometry and traffic using TNM, which predicted the noise level for each modeled receiver. Anticipated future posted speeds were modeled. As discussed previously, five NSAs are protected by existing noise barriers. The project will not affect the existing noise barrier for NSA EB6. However, portions of the existing noise barriers for NSAs EB4, EB5, WB5, and WB7 will need to be relocated to accommodate the widening. DOTD will relocate these barriers to a new location within the right-of-way and maintain the existing barrier height. The noise models for Build Year 2040 include the existing barrier for NSA EB6 and the relocated barriers for NSAs EB4, EB5, WB5 and WB7; therefore, the calculated noise levels include the noise reduction provided by the barriers.

The predicted noise levels for the Build Alternative ranged from 41 to 79 dBA. The highest noise levels are predicted at the closest receptors to I-10 with exposure to the structure-borne noise.

Differences between the predicted existing noise levels and the noise levels for the Build Alternative range from a decrease of 5 dB to an increase of 3 dB. Decreases in noise levels are typically due to additional shielding provided in areas where ramp or mainline profile elevations will change or where additional shielding of traffic will be provided by ramp structures. However, the predicted design year noise levels are approximately the same or slightly higher than the existing worst-hour noise levels at most locations.

Finally, the predicted noise levels at the measurement locations for both existing and future conditions and are generally higher than the measured existing noise levels although the predicted noise levels are

lower than measured at a few locations. These differences may be attributable to higher truck volumes or speeds during the measurements compared to the average modeled conditions, atmospheric effects during the measurements that are not accounted for in the model, and the modeling "average" pavement per the FHWA noise regulation rather than the existing pavement type.

The following sections summarize the predicted noise levels and impacts for each NSA for the Build Alternative.

2.6.3.1 NSA EB1

Predicted noise levels for NSA EB1 (on the south side of I-10 from the Mississippi River to East Washington Street) range from 57 to 76 dBA. The highest predicted noise levels are at the receptors closest to I-10 with exposure to structure-borne noise. Predicted noise levels for Activity Category B residences range from 57 to 76 dBA. The lone Activity Category C use, the playgrounds at the Baranco Clark YMCA, have a predicted noise level of 71 dBA. The Fairview Baptist Church, Progressive Baptist Church, New Jerusalem Baptist Church, and Neeley United Methodist Church do not have exterior uses and qualify as Activity Category D. The predicted interior noise levels for the churches range from 39 to 50 dBA.

Noise levels will increase up to 2 dB over existing levels for some receptors. Decreases in noise levels of 1 to 5 dB are predicted for some receptors due to the additional shielding that will be provided by the raised roadway profile or where new ramp structures will be constructed and block the line-of-sight to mainline traffic (Terrace Street south to Louise Street).

The impacted properties in NSA EB1 include 128 Activity Category B residences and the Baranco Clark YMCA playgrounds (Activity Category C). The project is not predicted to impact the churches.

2.6.3.2 NSA EB2

Predicted noise levels for NSA EB2 (on the south side of I-10 from East Washington Street to Dalrymple Drive) range from 58 to 76 dBA. The highest predicted noise levels are for the first-row receptors closest to I-10. Predicted noise levels for Activity Category B residences range from 58 to 76 dBA. Predicted noise levels for the Activity Category C uses are 71 to 74 dBA and include the basketball court, ball field, and playground at the East Polk Street Park. The Calvary Third Baptist Church is an Activity Category D use (since there is no exterior use) and has a predicted interior noise level of 41 dBA.

Noise levels will increase up to 3 dB over existing levels for some receptors. Decreases in noise levels of 1 to 4 dB are predicted for some receptors with most of those decreases expected in areas where the roadway profile will be raised, partially blocking line-of-sight from some receptors to traffic on I-10.

The impacted properties in NSA EB2 include 79 Activity Category B residences and three Activity Category C receptors (East Polk Street Park basketball court, baseball field, and playground).

2.6.3.3 NSA EB3a

Predicted noise levels for NSA EB3a (on the south side of I-10 from East Lakeshore Drive to Christian Street) range from 61 to 79 dBA. All receptors in this NSA are Activity Category B residences. The highest predicted noise levels are at the first-row receptors closest to I-10.

Noise levels are predicted to increase less than 1 dB for some receptors while noise levels for other receptors are predicted to decrease by 1 to 3 dB. The decreased noise levels are predicted in areas where the roadway profile will be raised, partially blocking line-of-sight from some receptors to traffic on I-10.

The impacted properties in NSA EB3 include 29 Activity Category B residences.

2.6.3.4 NSA EB3b

Predicted noise levels for NSA EB3b (on the south side of I-10 from Christian Street to South Acadian Thruway) range from 57 to 78 dBA. The highest predicted noise levels are for the first-row receptors closest to I-10 with exposure to structure-borne noise. Predicted noise levels for Activity Category B residences range from 57 to 78 dBA. Predicted noise levels for the Activity Category E uses are 69 dBA for the Saltgrass Steakhouse patio and 74 dBA for the Schlittz and Giggles patio.

Noise levels will increase up to 1 dB over existing levels for some receptors. Decreases in noise levels of 1 to 5 dB are predicted for some receptors with the larger decreases predicted for upper floor apartments on Perkins Road where the proposed roadway profile is higher than the existing roadway profile and will partially block the line-of-sight from some receptors to traffic on I-10.

The impacted properties in NSA EB3 include 48 Activity Category B residences and one Activity Category E receptor (Schlittz and Giggles patio).

2.6.3.5 NSA EB4

Predicted noise levels for NSA EB4 (on the south side of I-10 from South Acadian Thruway to College Drive) range from 53 to 64 dBA. NSA EB4 is protected by an existing noise barrier that begins along the I-10 eastbound on-ramp from South Acadian Thruway just east of the Courtyard by Marriott and continues east ending along the I-10 eastbound off-ramp to College Drive. The highest predicted noise levels are located at the receptors closest to the ends of the existing noise barrier.

Predicted noise levels for Activity Category B residences range from 57 to 64 dBA. The Activity Category C playgrounds, ball fields, picnic area and basketball court at Nairn Park have predicted noise levels of 57 to 60 dBA. The lone Activity Category E use is the Courtyard by Marriott pool with a predicted noise level of 53 dBA.

Noise levels will increase up to 1 dB over existing levels for some receptors. Decreases in noise levels of up to 2 dB are predicted for some receptors close to the noise barrier. The decreases are likely a result of the noise wall relocation closer to receptors which will provide additional noise reduction.

Receptors in NSA EB4 (between Yazoo Street and Brownlee Street) are likely exposed to reflections of traffic noise between the two parallel, reflective noise barriers. Noise levels for receptors may be 2 to 4 dB higher than the TNM predicted levels.

Although the TNM predicted noise levels do not approach or exceed the NAC, DOTD has designated this NSA as “conditionally impacted” because of the parallel barrier effect.

2.6.3.6 NSA EB5

Predicted noise levels for NSA EB5 (on the south side of I-10 from College Drive to the I-10/I-12 split) range from 53 to 66 dBA. NSA EB5 is protected by two existing noise barriers. The first begins along on the north side of Constitution Avenue approximately 470 feet west of Bunker Hill Drive and continues east on the north side of the residences and backyards of Trenton Avenue. The second is on the shoulder of I-10 starting approximately 100 feet west of the eastern end of the first noise barrier and continuing east for approximately 1,500 feet.

The predicted noise levels for Activity Category B residences in NSA EB5 range from 53 to 64 dBA. Predicted noise levels for the Activity Category E uses are 55 to 66 dBA and include the pools and patios of the Hampton Inn, Holiday Inn, Crowne Plaza, and Doubletree hotels.

Noise levels will increase up to 3 dB over existing levels for some receptors while small decreases in noise levels of 1 dB are predicted for other receptors. The decreases are likely a result of the noise wall relocation closer to receptors which will provide additional noise reduction.

Noise impacts are not predicted for NSA EB5.

2.6.3.7 NSA EB6

Predicted noise levels for NSA EB6 (on the south side of I-12 from the I-10/I-12 split to Essen Lane) range from 52 to 61 dBA. All receptors in this NSA are Activity Category B land uses. NSA EB6 is protected by an existing noise barrier near the right-of-way that begins approximately 440 feet west of Essen Lane and ends along the exit ramp to Essen Lane.

Noise levels are predicted to increase up to 2 dB over existing levels for receptors in this NSA.

Noise impacts are not predicted for NSA EB6.

2.6.3.8 NSA WB1

Predicted noise levels for NSA WB1 (on the north side of I-10 and West of I-110 from the Mississippi River to Government Street) range from 51 to 78 dBA. The highest noise levels are predicted at the closest receptors to I-10 with exposure to structure-borne noise. Predicted noise levels for Activity Category B residences range from 51 to 78 dBA. The Activity Category C uses in this NSA include the Odell Williams Museum (74 dBA) and the FLAIM Elementary School playgrounds (67 and 65 dBA). The Liberty Chapel Baptist Church, the New St. Luke Baptist Church, and St. Agnes Catholic Church do not have exterior uses and are Activity Category D uses. The predicted interior noise levels for these three churches are 49 dBA, 49 dBA, and 38 dBA, respectively.

Noise levels will increase up to 2 dB over existing levels for some receptors. Predicted decreases in noise levels of up to 3 dB are predicted for some receptors, however, those decreases are likely a result of traffic volume assumptions and modeling differences between the existing and build conditions. Since there are no roadway geometry changes along I-10 and I-110 in this NSA, it is most likely that the future noise levels will be slightly higher than existing noise levels.

The impacted properties in NSA WB1 include 41 Activity Category B residences and two Activity Category C receptors (Odell Williams Museum of African American Art and the FLAIM Elementary Playground).

2.6.3.9 NSA WB2

Predicted noise levels for NSA WB2 (on the east side of I-110 and north side of I-10 from Government Street to East Washington Street) range from 50 to 78 dBA. The highest noise levels are predicted for the first-row receptors closest to I-10 with exposure to structure-borne noise. Predicted noise levels for Activity Category B residences range from 50 to 78 dBA. Predicted noise levels for the Activity Category C receptors are: St. Francis Xavier Church courtyard (75 dBA); St. Francis Xavier Early Childhood Development Center playground (67 dBA); St. Francis Xavier Child Care Center playground (68 dBA); the Expressway Park football field (75 dBA), basketball court (75 dBA), picnic shelter (74 dBA) and playground (74 dBA); and the Brooks Park pool (65 dBA) and playground (65 dBA). McKinley Middle School, McKowen

Missionary Baptist Church and the New Prospect Missionary Baptist Church are Activity Category D uses and have predicted interior noise levels of 41 to 45 dBA.

Noise level increases of less than 1 dB over existing levels are predicted for some receptors. Decreases in noise levels up to 4 dB are predicted for some receptors, however, those decreases are likely a result of traffic volume assumptions and modeling differences between existing and build conditions. Since there are no roadway geometry changes along I-10 and I-110 in this NSA, it is most likely that the future noise levels will be slightly higher than existing noise levels.

The impacted properties in NSA WB2 include 57 Activity Category B impacts residences and seven Activity Category C receptors (St. Francis Xavier Church courtyard, St. Francis Xavier Early Childhood Development Center playground, St. Francis Xavier Child Care Center playground, and the Expressway Park football field, basketball court, picnic shelter and playground).

2.6.3.10 NSA WB3

Predicted noise levels for NSA WB3 (on the north side of I-10 from East Washington Street to Dalrymple Drive) range from 62 to 76 dBA. Most receptors in this NSA are Activity Category B residences. The lone Activity Category D use, the Ebenezer Baptist Church, has a predicted interior noise level of 47 dBA.

Noise levels are predicted to increase up to 2 dB for some receptors while noise levels for other receptors are predicted to decrease by as much as 5 dB. The decreased noise levels are predicted for receptors that will have line-of-sight blockage to I-10 due to the ramps and frontage roads between E Washington Street and Dalrymple Drive.

The impacted properties in NSA WB3 include 35 Activity Category B residences.

2.6.3.11 NSA WB4a

Predicted noise levels for NSA WB4a (on the north side of I-10 from East Lakeshore Drive to Perkins Road) range from 60 to 78 dBA. The highest predicted noise levels are for the first-row receptors closest to I-10 with exposure to structure-borne noise. Predicted noise levels for Activity Category B residences range from 60 to 78 dBA. The predicted noise levels for the Activity Category E patio at Duvics is 72 dBA.

Noise levels will increase up to 1 dB over existing levels for some receptors. Decreases in noise levels up to 3 dB are predicted for some receptors with the larger decreases predicted in areas where the proposed roadway profile will be raised, partially blocking line-of-sight from some receptors to traffic on I-10.

The impacted properties in NSA WB4a include 28 Activity Category B residences and the patio at Duvic's (Activity Category E).

2.6.3.12 NSA WB4b

Predicted noise levels for NSA WB4b (on the north side of I-10 from Perkins Road to South Acadian Thruway) range from 58 to 74 dBA. The highest noise levels are predicted at the receptors closest to I-10 with exposure to structure-borne noise. Predicted noise levels for Activity Category B residences range from 58 to 74 dBA. Predicted noise levels for the Activity Category E uses are 67 and 74 dBA for the patios at Digulio Brothers and City Pork, respectively.

Noise levels will decrease up to 3 dB for some receptors. Most of the predicted decreases are in areas where receptors are close to the existing structure or where the proposed roadway profile will be raised.

The impacted properties in NSA WB4b include 35 Activity Category B residences and the City Pork patio (Activity Category E).

2.6.3.13 NSA WB5

Predicted noise levels for NSA WB5 (on the north side of I-10 from South Acadian Thruway to College Drive) range from 53 to 78 dBA. NSA WB5 is protected by an existing noise barrier that begins along the north side of I-10 just east of the Radisson Hotel and continues east to the I-10 westbound on-ramp from College Drive.

The predicted noise levels for Activity Category B residences range from 53 to 78 dBA. The higher noise levels for this NSA are for the receptors along Aldridge Drive and Barber Street that are exposed to structure-borne noise as well as traffic noise from College Drive. The predicted interior noise level for the Activity Category D use, the Cathedral of Faith Ministry, is 34 dBA. The lone Activity Category E use, the Radisson Hotel pool, has a predicted exterior noise level of 55 dBA.

Noise levels will increase up to 2 dB over existing levels for some receptors. Small decreases in noise levels of 1 dB are predicted for some receptors with the decreases likely a result of the relocation of the noise barrier closer to the receptors.

Noise levels at the receptors in NSA WB5 between Yazoo Street and Brownlee Street are likely increased due to reflections of traffic noise between the two parallel, reflective noise barriers. Traffic noise levels for these areas may be 2 to 4 dB higher than the TNM predicted levels.

The impacted properties in NSA WB5 include ten Activity Category B residences.

2.6.3.14 NSA WB6

Predicted noise levels for NSA WB6 (on the north side of I-10 from College Drive to the I-10/I-12 split) range from 55 to 69 dBA. The highest noise levels are predicted for the first-row receptors closest to I-10. NSA WB6 does not include any Activity Category B residential uses. Predicted noise levels for the Activity Category E uses are 55 to 69 dBA for the pools at the Tru by Hilton, Homewood Suites, Richmond Inn, and Baton Rouge Marriott hotels.

Noise levels will increase up to 2 dB over existing levels for the receptors in WB6.

No impacts are predicted in NSA WB6.

2.6.3.15 NSA WB7

Predicted noise levels for NSA WB7 (on the north side of I-10 and I-12 from the I-10/I-12 split to Essen Lane) range from 41 to 67 dBA. NSA WB7 is protected by three existing noise barriers. The first begins along on the north side of I-10 in front of the Citiplace Stadium 11 movie theater and continues east near the right-of-way until it ends on the east end of Bocage Lake Court. The second noise barrier overlaps the first for approximately 80 feet and runs east until the east end of Leyland Court. A third noise barrier begins along the I-12 westbound ramp to I-10 eastbound and ends on the east side of Office Park Boulevard.

The predicted noise levels for Activity Category B residences in NSA WB6 range from 41 to 67 dBA. Predicted noise levels for the Activity Category C uses, the pool and playground at Jefferson Place condominiums, are 58 to 60 dBA.

Noise levels will increase up to 5 dB over existing levels for some receptors. Small decreases in noise levels of 1 dB are predicted for some receptors. The decreases are likely a result of traffic volume differences between existing and future conditions.

The impacted property in NSA WB7 is an Activity Category B residence.

2.6.3.16 NSA WB8

Predicted noise levels for NSA WB8 (on the north side of I-10 from the LA415 to LA1) range from 57 to 62 dBA. The predicted noise level for the Activity Category B residences is 61 dBA. Predicted noise levels for the Activity Category E uses are 57 to 62 dBA and include the pools at the Hampton Inn, Comfort Suites and LaQuinta Inn hotels.

Noise levels will increase up to 2 dB over existing levels for some receptors.

No impacts are predicted in NSA WB8.

2.7 Noise Impact Summary

An impact assessment was completed for the Build and No-Build scenarios. As noted previously, a receptor is impacted in two ways:

1. The predicted, worst-hour, design year noise level approaches or exceeds the NAC. DOTD defines "approach" as 1 dB less than the NAC. These levels apply at areas of frequent human use.

2. The predicted, worst-hour, design year noise level exceeds the existing noise level by 10 dB or more.

As shown in Table 4 (with additional detail provided in Appendix C), the project is predicted to impact a total of 508 receptors (Activity Category B, C, D and E). No receptors are predicted to have a substantial increase of 10 dB over existing noise levels.

DOTD has designated NSAs EB4 and WB5 as "conditionally impacted" because of the potential increase in noise levels behind the existing noise walls due to the parallel barrier effect.

2.8 Noise Abatement Evaluation

In accordance with criteria in the DOTD noise policy, noise abatement must be evaluated for "feasibility" and, if feasible, for "reasonableness." Noise barriers must be both feasible and reasonable to be deemed "likely" for construction.

As discussed, five NSAs have existing noise barriers (EB4, EB5, EB6, WB5, and WB7). The project will not affect the existing noise barrier for NSA EB6. However, portions of the existing noise barriers for NSAs EB4, EB5, WB5 and WB7 will need to be relocated to accommodate the widening. These five barriers (existing or relocated) were evaluated using FHWA's guidance document *Consideration of Existing Noise Barrier in a Type I Noise Analysis* (FHWA, 2012) that outlines the analysis process for Type I projects with existing abatement measures (noise barriers or earth berms).

The guidance indicates that the state should conduct the noise analysis for locations with existing noise barriers exactly as for any other location and include the existing noise barrier in the analysis. If noise impacts are not predicted behind the barrier, the process is complete for that NSA. If impacts are predicted behind the existing barrier, then the state must evaluate the barrier to determine if the barrier meets the feasibility and reasonableness criteria in the state's noise policy. If the barrier meets the criteria, then no action is needed. If the barrier does not meet the criteria, then the state must evaluate whether a new barrier can be designed to satisfy the state's requirements.

Feasibility includes acoustical and engineering considerations. Acoustical feasibility means that a noise barrier will provide at least a 5 dB reduction in the noise level for at least 75% of the first-row, impacted receptors. If a barrier cannot meet this criterion, abatement is considered to not be acoustically feasible. Additionally, the noise barrier should be feasible from an engineering perspective. Engineering feasibility takes into account topography, drainage, safety, barrier height, utilities, and access and maintenance needs (which may include right-of-way considerations). If a barrier poses engineering issues, it may be judged as not feasible even if it meets the acoustical feasibility criterion, and it will not be recommended for construction.

If feasible, then the barriers are assessed for *reasonableness* in accordance with the criteria in the DOTD noise policy. Noise abatement must meet the following three criteria to be considered reasonable. If any of the criteria is not met, the noise abatement measure will not be constructed.

1. Noise Reduction Design Goal: At a minimum, at least one receptor must receive an 8 dB reduction for the noise abatement system to be reasonable.

2. Cost-Effectiveness: If the estimated cost of constructing a noise barrier (including installation and additional necessary construction such as foundations or guardrails) divided by the number of benefited receptors (those who would receive a reduction of at least 5 dB) is $35,000 or less per benefited receptor, a barrier is considered to be cost-effective.

3. Consideration of Viewpoints: The viewpoints of the affected property owners and residents are important. For those barriers found to be reasonable by the Cost-Effectiveness and Design Goal criteria above, viewpoints of the benefited receptors and affected property owners will be sought.

In general, noise abatement measures may include noise barriers, alteration of horizontal and vertical alignment, and traffic management measures (such as reducing speed limits or prohibition of heavy trucks). The latter two forms of abatement have already been considered during the planning phases for this project. Noise barriers were determined to be the only available potential abatement measure to reduce noise levels for impacted receptors for this project.

Generally, noise barriers are not effective at reducing noise levels at residences when driveway access requirements necessitate gaps in the noise barrier. Similarly, noise barriers are not cost effective on a per benefited residence basis for isolated residences or low-density groupings of residences.

2.8.1 Noise Study Areas without Existing Noise Barriers

Nine (9) NSAs without existing noise barriers were identified as having impacted land uses and were evaluated for noise barriers. Table 5 summarizes the results of the feasibility evaluation for each NSA. As shown, the investigated noise barriers for four NSAs (EB2, EB3a, WB3, and WB4a) are feasible according to the DOTD noise policy, meaning the noise barrier provides at least 5 dB of noise reduction for at least 75% of the first-row impacted receptors. Noise barriers were determined not to be feasible for NSAs EB1, EB3b, WB1, WB2, and WB4b due to structure-borne noise.

The barrier designs for the NSAs EB2, EB3a, WB3, and WB4a were then evaluated for reasonableness as summarized in Table 6. As shown, all four barrier designs meet the Noise Reduction Design Goal of providing at least 8 dB of noise reduction for at least one receptor. All four barrier designs also meet DOTD's cost-effectiveness criteria by falling below the $35,000 cost per benefited residence threshold.

As shown in Appendix E, the EB2 barrier design begins just north of Fig Street along the mainline of I-10 and runs east along the mainline for approximately 1,320 feet at heights between 10 and 14 feet, then ends to provide a gap for the on-ramp from the proposed Braddock Street extension. A second section of barrier for EB2 begins along that on-ramp just east of East Harrison Street, runs along the on-ramp and then transitions to the edge of shoulder of mainline I-10. The barrier extends across the City Park Lake bridge at a height of 14 feet and ends on the east side of the bridge.

The EB3a barrier begins on the east side of the City Park Lakes bridge where the EB2 barrier ends and runs east along the edge of shoulder of I-10 for approximately 2,400 feet at a height of 14 feet, ending between Christian Street and Perkins Road.

The WB3 barrier begins just west of the City Park Lakes bridge and continues along the mainline of I-10 for approximately 450 feet where it ends to provide a break for the on-ramp from Dalrymple Drive. A second section of barrier begins along the off-ramp from I-10 to East Washington Street and runs along the edge of shoulder over the on-ramp from Dalrymple Drive and ends after approximately 1,000 feet south of Missouri Street. A third section of barrier begins along the edge of shoulder of the on-ramp from Darlymple Drive to I-10 south of Carolina Street and extends along the mainline of I-10 approximately 1,100 feet ending just north of East Washington Street. Heights for the WB3 barrier vary between 10 and 14 feet with an average height of 13 feet.

The WB4a barrier begins west of Christian Street and continues for approximately 1,985 feet to the west along the edge of shoulder of I-10. Barrier heights vary between 8 and 14 feet with an average height of 13 feet. The barrier ends at the eastern end of the City Park Lakes bridge and does not extend onto the bridge. Appendix D provides additional details for each investigated barrier design.

Table 5. Feasibility Evaluation for NSAs Without Existing Noise Barriers

Noise Study Area	Description	Total Impacts	First-Row Impacts	First-Row Impacts Benefited	% of First-Row Impacts Benefited	Feasible?
EB1	South of I-10, between the Mississippi River and East Washington Street	130	41	0	0%	No
EB2	South of I-10, between East Washington Street and Dalrymple Drive	82	31	26	84%	Yes
EB3a	South of I-10, between East Lakeshore Drive and Christian Street	29	20	20	100%	Yes
EB3b	South of I-10, between Christian Street and South Acadian Thruway	48	16	2	13%	No
WB1	North of I-10 and west of I-110, between the Mississippi River and Government Street	43	36	11	31%	No
WB2	East of I-110 and I-10, between Government Street and East Washington Street	64	23	2	8%	No
WB3	North of I-10 between East Washington Street and Dalrymple Drive	35	7	7	100%	Yes
WB4a	North of I-10 between East Lakeshore Drive and Perkins Road	29	12	11	92%	Yes
WB4b	North of I-10 between Perkins Road and South Acadian Thruway	36	22	0	0%	No

Table 6. Reasonableness Evaluation for NSAs Without Existing Noise Barriers

Noise Study Area	Description	Meets Noise Reduction Design Goal?	Barrier Area (sf)	Barrier Length (ft)	Avg Height (ft)	Barrier Cost	Benefits	Cost Per Benefited Residence	Reasonable?
EB2	South of I-10, from Fig Street to East Lakeshore Drive	Yes	50,446	3,680	14	$1,614,272	146	$11,057	Yes
EB3a	South of I-10, from East Lakeshore Drive to west of Perkins Road	Yes	33,852	2,418	14	$1,184,820	43	$27,553	Yes
WB3	North of I-10 from Dalrymple Drive to East Washington Street	Yes	35,120	2,621	13	$1,194,080	49	$24,368	Yes
WB4a	North of I-10 from west of Christian Street to East Lakeshore Drive	Yes	25,214	1,985	13	$907,704	26	$34,911	Yes

2.8.2 Noise Study Areas with Existing Noise Barriers

The five NSAs with existing noise barriers were evaluated in accordance with FHWA's guidance. Table 7 summarizes the results of the existing noise barrier evaluations. As indicated, none of the receptors in NSAs EB5 and EB6 are predicted to be impacted. Therefore, no further evaluation is needed.

Ten (10) residences in WB5 (South Acadian Thruway to College Drive) and one residence in WB7 (I-10/I-12 split to Essen Lane) are predicted to be impacted. Additionally, DOTD identified NSA EB4 (South Acadian Thruway to College Drive) as "conditionally impacted" due to parallel barrier effects. Therefore, these existing barriers were evaluated in accordance with FHWA's guidance to determine if they meet (1) DOTD's current acoustic feasibility criteria, and (2) DOTD's Noise Reduction Goal, which is part of reasonableness. Barrier modifications do not need to be evaluated if the existing noise barrier meets these criteria.

TNM predicted the noise reduction provided by the existing noise barrier for the receptors in each NSA. The noise reductions were then used to determine if the existing noise barrier meets DOTD's criteria.

The existing noise barriers for EB4 and WB7 provide at least 5 dB of noise reduction for more than 75% of the first-row receptors and thus meets DOTD's feasibility criteria. The existing barriers also meet DOTD's Noise Reduction Design Goal of providing 8 dB of noise reduction to at least one receptor. Therefore, no additional noise barrier evaluation is required for NSAs EB4 and WB7.

Ten (10) residences are predicted to be impacted in NSA WB5 with the existing noise barrier. The existing barrier does not meet the DOTD's feasibility criteria due to structure-borne noise from the bridge near College Drive that reduces the noise reduction for the five first-row residences on Aldrich Drive and Barber Street to below 5 dB. As a result, the barrier provides 5 dB for only 11 of the 17 first-row receptors (65%). Because the noise barrier does not meet the DOTD's feasibility criteria, an evaluation of potential barrier modifications was conducted. The evaluation concluded that, even with barrier modifications, 5 dB noise reduction still cannot be achieved at the first-row residences on Aldrich Drive and Barber Street due to the structure-borne noise. Therefore, a modified barrier is not feasible.

2.9 Statement of Likelihood

Table 8 summarizes the four noise barriers that are likely to be constructed as part of the project. The final decision on the implementation of noise barriers will be made by DOTD during project design. If during final design, conditions substantially change that impact the implementation of likely barriers, DOTD will solicit the viewpoints of the benefited residents and property owners as part of the reevaluation of reasonableness. Only barriers determined to be both feasible and reasonable will be constructed. Barriers that are no longer feasible and reasonable will be removed from the project.

DOTD will also be relocating parts of the existing noise barriers for NSAs EB4, EB5, WB5, and WB7 to accommodate the widening. Appendix E shows the locations of the likely noise barriers.

Table 7. Evaluation for NSAs With Existing Noise Barriers

NSA	Name	Existing Abatement	Impacts?	Feasible?	Meets Noise Reduction Design Goal?	Action?	Abatement Conclusion
EB4	Eastbound: South Acadian Thruway to College Drive	Barrier (portions to be relocated at same height)	No (considered "conditionally impacted" due to parallel barrier effect)	Yes	Yes	No Action	No changes to existing noise barrier.
EB5	Eastbound: College Drive to I-10/I-12 split	Barrier (portions to be relocated at same height)	No	No analysis needed.			No changes to existing noise barrier.
EB6	Eastbound: I-10/I-12 split to Essen Lane	Barrier (no relocation necessary)	No	No analysis needed.			No changes to existing noise barrier.
WB5	Westbound: South Acadian Thruway to College Drive	Barrier (portions to be relocated at same height)	Yes – 10 residences	No	Yes	Evaluate Barrier Modifications	No changes to existing noise barrier. Feasibility not possible because of structure noise for Aldrich Drive and Barber Street receptors
WB7	Westbound: I-10/I-12 split to Essen Lane	Barrier (portions to be relocated at same height)	1 residence	Yes	Yes	No Action	No changes to existing noise barrier.

Table 8. Likely Noise Barriers

Noise Study Area	Likely Barrier Location (begin & end points)	Length (ft)	Average Barrier Height (ft)	Estimated Cost
EB2	South of I-10, from Fig Street to East Lakeshore Drive	3,680	14	$1,614,272
EB3a	South of I-10, from East Lakeshore Drive to west of Perkins Road	2,418	14	$1,184,820
WB3	North of I-10 from Dalrymple Drive to East Washington Street	2,621	13	$1,194,080
WB4a	North of I-10 from west of Christian Street to East Lakeshore Drive	1,985	13	$907,704

2.10 Construction Noise

The construction of the project would result in temporary noise increases for the residences and noise-sensitive land uses along I-10. Noise-sensitive land uses that are farther from the project area would likely experience little, if any, increase in noise levels because of the background noise of the I-10 traffic, traffic on other roads, and other community noise sources. Construction noise would be generated primarily from heavy equipment used in hauling materials and accomplishing the widening of the roadway.

The construction contractor has the responsibility for protection of the general public in all aspects of construction throughout the life of the project. All construction equipment will be required to comply with OSHA Regulations as they apply to the employees' safety, and in accordance with the DOTD Standard Specifications. All construction equipment used in the construction phase of the project should be properly muffled and all motor panels should be shut during operation. To minimize the potential for impacts of construction noise on the local residents, allowable work times should be specified in construction contracts in consideration of potential construction noise impacts on local residents.

2.11 Information for Local Officials

DOTD encourages local communities and developers to practice noise compatibility planning to avoid future noise impacts. Two guidance documents on noise compatible land use planning are available from FHWA (FHWA 1974; FHWA 2002).

Table 9 presents future predicted noise levels based on an assumed at-grade situation for areas along I-10 and I-12 within the project limits where vacant and possibly developable lands exist. Noise predictions were made at several distances from edge of closest travel lane of I-10 for the design year 2040 LOS D traffic. The results indicate that exterior areas of Activity Category B and C uses would be impacted within a distance of approximately 380 feet from edge of pavement of the nearest travel lane of I-10. These values do not represent predicted levels at every location at a particular distance back from the roadway. Noise levels will vary with changes in terrain and other site conditions. This information is being included to make local officials and planners aware of anticipated highway noise levels so that future development will be compatible with these levels.

Table 9. Design Year 2040 Predicted Noise Levels for Undeveloped Areas

Distance*	L_{Aeq} (1h), dBA
100 feet	74.6
200 feet	70.3
300 feet	67.2
400 feet	65.2
500 feet	63.5
600 feet	61.7

* Perpendicular distance to the centerline of the nearest travel lane of I-10.

2.12 Indirect and Cumulative Effects

The noise analysis is for the design year 2040 and includes projected traffic volumes for the project as well as well as forecasted background traffic growth and other planned and programmed projects in the area. As a result, the predicted noise impacts represent both direct and cumulative noise impacts.

The widening of I-10 could cause a redistribution of traffic on the surrounding roadway network and affect development and land use patterns in the project area. These situations could cause higher traffic volumes at locations near roadways beyond the project limits. However, as described earlier, a doubling of the traffic volume is required to increase the noise level by 3 dB, which is usually the smallest change in sound levels that people can detect without specifically listening for the change. Traffic volumes are not anticipated to double as a result of the redistribution of traffic or changes in development, so any increases in sound levels beyond the project would not be substantial according to DOTD's noise policy.

3 REFERENCES

Federal Highway Administration, November 1974, *The Audible Landscape: A Manual for Highway Noise and Land Use*.

Federal Highway Administration, May 2002, *Entering the Quiet Zone: Noise Compatibility Land Use Planning*.

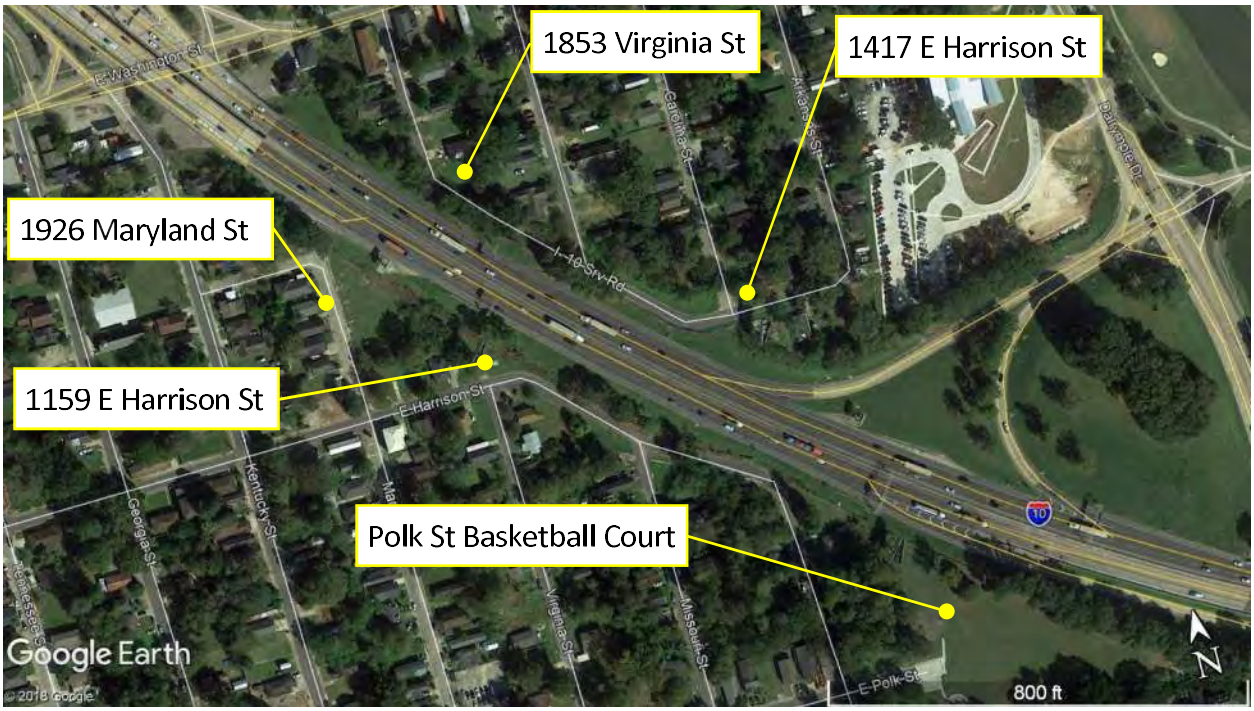
Federal Highway Administration, July 2010, *Procedures for Abatement of Highway Traffic and Construction Noise*, 23 CFR 772.

Federal Highway Administration, August 2012, *Consideration of Existing Noise Barrier in a Type I Noise Analysis (FHWA-HEP-12-051)*.

Louisiana Department of Transportation and Development (DOTD), July 2011, *Highway Traffic Noise Policy*.

Appendix A
Noise Measurement Results and Corresponding Traffic Counts

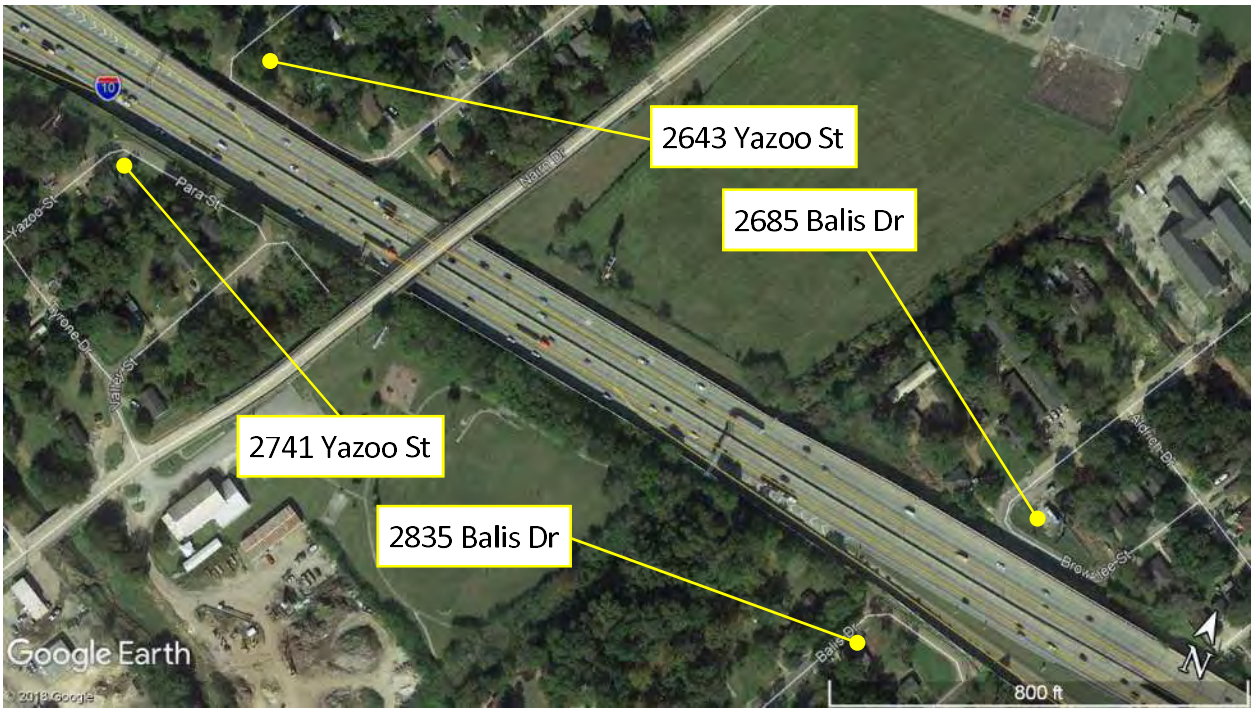
Noise Measurement Locations



Noise Measurement Locations



Noise Measurement Locations



Noise Measurement Locations



Noise Measurement Locations



Noise Measurement Locations

Noise Measurement Notes, Sound Levels, Photos, and Traffic

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**5641 Trenton Ave**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_003.05**				
Date:	**3/20/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	12:41 PM	64.5	67.2		
2	12:42 PM	67.1	73.4	x	Heli overhead
3	12:43 PM	66.3	69.1		
4	12:44 PM	65.8	67.6		
5	12:45 PM	66.3	67.7		
6	12:46 PM	66.3	67.6		
7	12:47 PM	65.7	67.7		
8	12:48 PM	65.3	66.7		
9	12:49 PM	65.6	67.9		
10	12:50 PM	65.3	66.9		
11	12:51 PM	65.6	67.1		
12	12:52 PM	66.0	67.7		
13	12:53 PM	65.6	67.3		
14	12:54 PM	65.6	67.0		
15	12:55 PM	68.1	70.3		
16	12:56 PM	67.1	67.5	x	End data
	Leq	**65.9**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 8/20/18

Site

Area

Address 5641 TRAILOR AVE

Site Sketch



Weather

Temp 65°, sunny

Wind 4-6 mph w steady at times

Direction

RION/LD/N/1218 1604

Cal@ 114.0 Cal Check= 114.0

#	Time Start	Description
1	1241	HT 63-67 All T-10 noise Free flow
X 2	42	Hrly ambient = 72 : 15-7.31
3	43	Multi HTs = 62-67
4	44	
5	1245	HT WS - 67 personal HTs - 67 ambient 6-8 mph/gusts
6	46	
7	47	
8	48	
9	45	LwO HT 63
10	1250	
11	51	
12	52	All T-10 noise ambient 4-10 mph
13	53	HT Static LwO 67-68
14	54	
15	1255	wind ↑ in Direct HT = 68-69 (noise from NW ↑)
16		
17		
18		End Data @ 1258
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

Ambient = 64-68 mph/gusts 4

HT = 64-66

multi HTs = 66-68

LRT 1604.003





5641 Trenton Ave

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2835 Balis Dr**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_004.04**				
Date:	**3/20/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	1:15 PM	67.4	69.4		
2	1:16 PM	67.9	68.9		
3	1:17 PM	66.4	68.5		
4	1:18 PM	67.6	68.9		
5	1:19 PM	68.3	70.8		
6	1:20 PM	67.4	68.6		
7	1:21 PM	67.2	68.8		
8	1:22 PM	66.7	68.8		
9	1:23 PM	67.0	68.6		
10	1:24 PM	66.2	68.0		
11	1:25 PM	66.7	68.3		
12	1:26 PM	66.4	67.5		
13	1:27 PM	66.2	67.6		
14	1:28 PM	67.5	69.2		
15	1:29 PM	69.1	70.6		
16	1:30 PM	68.6	69.3	x	End Data
Leq		**67.3**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

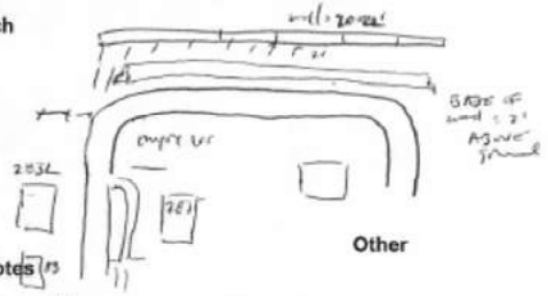
I 10 EB →

Date 3/24/18
Site
Area
Address 2835 Bayou Duplantier Dr

Weather
Temp 65-66° F, sunny
Wind 6-10 / NW

Direction
RION/LD/N121# 1604

Site Sketch



Notes 15

Other

Cal@ 114.0 Cal Check=

#	Time Start	Description
1	1315	All I-10 noise free flow — WIND = 6-10 / NW
2	16	WIND 1 to 5 mph
3	17	
4	18	
5	19	T vol ~ 65-72 (visual)
6	1320	
7	21	
8	22	Lead Hr Vol = 69 / 10 second Lo = 64-65
9	23	
10	24	Traffic 6 / WIND CALM = 65-66 — WIND = 2-6 / NW
11	1325	
12	26	
13	27	
14	28	Hr 5 min Leq = 68 — WIND = 6-8 / NW
15	29	WIND = 69-70 / Hr 5 min Leq = 70 — WIND = 8-12 / NW
16		
17		End data @ 1330
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

Avg Hr Leq = 66-69

Lat 1604.004





2835 Balis Dr

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2741 Yazoo St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_005.03**				
Date:	**3/20/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	1:56 PM	71.9	73.9		
2	1:57 PM	72.2	73.8		
3	1:58 PM	72.2	74.4		
4	1:59 PM	72.7	73.9		
5	2:00 PM	70.6	72.1		
6	2:01 PM	72.3	73.6		
7	2:02 PM	74.0	76.6		
8	2:03 PM	71.5	73.9		
9	2:04 PM	72.0	74.1		
10	2:05 PM	71.7	75.8		
11	2:06 PM	78.3	83.0	x	Car Alarm Horn = 82
12	2:07 PM	72.5	74.4		
13	2:08 PM	73.4	79.9		
14	2:09 PM	72.0	75.6	x	Car Horn
15	2:10 PM	71.4	73.0		
16	2:11 PM	71.9	72.9	x	End Data
	Leq	**72.3**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

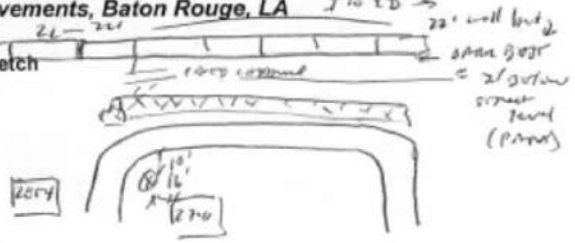
Date 5/20/18

Site

Area

Address 2744 YAZOO St.

Site Sketch



Weather

Temp 66°F, sunny

Wind 8-12 / WSW

Direction

Other

Notes

RION/LD/N121# 7604 Cal@ 114.0 Cal Check=

#	Time Start	Description
1	1356	At I-10 noise & Fan Flow
2	57	Consistent 70+ dB, quiet @ noise stops
3	58	wind 8-11 / W
4	59	
5	14 00	
6	01	
7	02	wind = 8-12 / WSW
8	03	
9	04	
10	14 05	1:53 Hr stroke WB: 75-76
X 11	06	wind & gusting = 71-72 X Can Make Hand = 82 1:40 to 1:58
12	07	
13	08	
X? 14	09	Can Hand
15	14 10	
16		End Wind @ 1411
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

wind & (6-8 mph) I-10: 70-72

wind @ 8-14 = 94-95

Lot 1604.005



2741 Yazoo St

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**Westport Village Apts**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_008.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	6:34 AM	63.1	66.4		
2	6:35 AM	64.3	67.5		
3	6:36 AM	64.2	68.1		
4	6:37 AM	65.5	71.8		
5	6:38 AM	63.2	66.7		
6	6:39 AM	62.3	65.5		
7	6:40 AM	64.6	70.7		
8	6:41 AM	63.6	66.3		
9	6:42 AM	63.7	65.8		
10	6:43 AM	63.5	65.2		
11	6:44 AM	64.8	69.6		
12	6:45 AM	64.3	68.2		
13	6:46 AM	62.8	65.8		
14	6:47 AM	63.0	65.0		
15	6:48 AM	63.9	65.4		
16	6:49 AM	63.3	63.6	x	End Data
	Leq	**63.9**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18
Site
Area
Address Nopal Village Apts

Weather
Temp 46°F
Wind <21 NNW
Direction

RION CD/N121# 1644

Site Sketch



Notes

Other

Cal@ 114.0 Cal Check= Bldg I

#	Time Start	Description	Local on Comm. Drive
1	634	I-10 = 61-65 local on Commercial Drive = 66	1
2	635	HT bldg Stairs = 64-65 local = 67 HT bldg = 65	II
3	36	I-10 from Bldg HT bldg = 65	II
4	37	HT (level) = 71	III
5	38		II
6	39	I-10 = 61-62	I
7	640	HT (level) = 70?	III
8	41	HT bldg Stairs = 65	
9	42		I
10	43		I
11	44	school bus	III
12	645	local HT = 67 local HT = 68	III
13	46	Autos only on I-10 = 64 local Sch bus = 66-67	II
14	47		I
15	48	I-10 = 62-63	
16			
17			
18		END DATA @ 645	
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

I-10 = 62-63 consistently
Local traffic on Commercial Drive = 65-67

LFT1604.008

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**Westport Village Apts**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_021.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	2:22 PM	57.5	60.7		
2	2:23 PM	56.0	60.4		
3	2:24 PM	58.2	61.9		
4	2:25 PM	57.2	62.6		
5	2:26 PM	57.9	64.4		
6	2:27 PM	57.4	63.4		
7	2:28 PM	57.3	61.1	x	resident talking nearby
8	2:29 PM	59.3	65.7		
9	2:30 PM	57.2	60.7		
10	2:31 PM	62.3	71.2		
11	2:32 PM	62.1	71.8		
12	2:33 PM	64.2	71.8		
13	2:34 PM	60.7	66.6		
14	2:35 PM	59.1	66.6		
15	2:36 PM	53.9	56.4		
16	2:37 PM	56.0	60.9		
17	2:38 PM	62.1	70.9		
18	2:39 PM	54.4	56.3		
19	2:40 PM	56.5	63.0		
20	2:41 PM	57.2	62.4		
21	2:42 PM	61.2	67.4	x	End Data
22	2:43 PM	58.1	61.3	x	
23	2:44 PM	59.1	65.6	x	
24	2:45 PM	60.8	66.2	x	
	Leq	**59.3**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18

Site

Area

Address Westbrook Village Apts / South end of Block J

Site Sketch see previous

Weather

Temp 74°, sunny clear

Wind 2-5/ESE

Other

Notes

Direction

RION LDN121# 1664 Cal@ 114.0 Cal Check= Comm Station

#	Time Start	Description	
1	1422	I-10 free flow I10 = 58	1
2	23	Local auto on connecting DR = 60	1
3	24	Auto only = 54 Local = 61	111
4	1425	Hotspace WB=57 Local Wind: calm	1
5	26	Local Local	11
6	27	Local Wind: 4-5/ NNE	1
7	28	Residents passing nearby.	1
8	29	HT Local = 64-67 Local = 62 Wind: 2-3/N	111
9	1430	Local = 60-61 Wind: calm	1
10	31	HT EB Static = 61, Local pkup = 61 HT Local 71	1
11	32	Local pkup = 71	1
12	33	2 Local HTs 71-72	11
13	34	Local Auto = 61 Local Auto = 61-65 I10: 54-57 Construction	1111
14	1435	Local HT = 67 Local auto = 65, HT = 61 Wind: S-6/SSE	11
15	36	Local (Static) (Slow)	1
16	37	HT WB Static = 57-58, HT Static WB = 7 50s	
17	38	Local Auto = 61, Local = 64, Local HT = 71	111
18	39	WB-10 slowing, Back up from LA 415 Exit, 35-40 mph	
19	1440	HT WB Static / Downstream	
20	41	Local	1
21			
22			
23		End Data 1442	
24			
25			
26			
27			
28			
29			
30			

LYT/604.021





Westport Village Apts

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1853 Virginia St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_009.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	9:30 AM	73.6	75.6		
2	9:31 AM	74.2	79.5		
3	9:32 AM	74.1	78.1		
4	9:33 AM	74.5	79.8		
5	9:34 AM	75.0	80.8		
6	9:35 AM	73.9	77.2		
7	9:36 AM	74.0	76.7		
8	9:37 AM	75.6	81.4		
9	9:38 AM	74.1	75.5		
10	9:39 AM	73.9	77.4		
11	9:40 AM	74.1	80.6		
12	9:41 AM	73.5	75.3		
13	9:42 AM	73.9	77.2		
14	9:43 AM	74.1	76.5		
15	9:44 AM	74.9	77.8		
16	9:45 AM	74.1	76.3		
17	9:46 AM	72.8	75.1	x	
18	9:47 AM	72.1	74.6	x	
19	9:48 AM	74.9	80.6	x	
20	9:49 AM	73.4	77.8	x	
21	9:50 AM	70.7	71.3	x	End Data
	Leq	**74.2**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18

Site

Area

Address 1853 Virginia St.

Weather

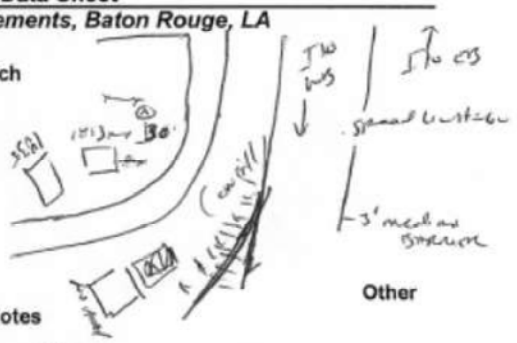
Temp 58°; Sunny

Wind 2-5 / NNE, 4-5 NNE

Direction

RION LDN121# 1604

Site Sketch



Notes

Other

Cal@ 114.0 Cal Check=

#	Time Start	Lx1 start @ 923 Description
1	930	All I-10 / Free flow WB: EB = 45-50 mph
2	31	HF WB Stack / Hybill = 79-80
3	32	HF WB ~ 78
4	33	HF WB = 79-80 (Stack) HF EB Stack = 76
5	34	HF Lond Stack WB
6	935	Wind: 1-6 / NNE
7	36	Multi HF, Both Directions = 76-77
8	37	HF WB Stack = 81 Speeds 61-71 [illegible] 45 mph WB, 50-55 EB
9	38	Wind: 6-8 / NNE
10	39	
11	940	Lond EB HF Stack = 81 Wind 2-5 / NNE
12	41	
13	42	Lond HF Stack EB = 77-78
14	43	
15	44	HF WB Stack = 77 Wind = 2-5 / NNE
16	945	
17	46	
18	47	
19	48	Wide Lond w/ Police escort Thru WB / WB Slowed : 25-30 mph HF EB Stack = 77
20	49	WB Slow, HF WB Affect = 77-78 ; 46 WB moving by
21		
22		End Data @ 950
23		
24		
25		
26		
27		
28		
29		
30		

I-10 : consistent 71-74

HFs up to 78-79 w/ WB Stack reading slow when

Lx1604.009

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1853 Virginia St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_013.02**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	2:05 PM	71.2	74.7		
2	2:06 PM	71.6	75.5		
3	2:07 PM	72.3	80.9		
4	2:08 PM	75.7	86.2		
5	2:09 PM	74.8	83.6		
6	2:10 PM	71.4	76.3		
7	2:11 PM	76.0	83.6		
8	2:12 PM	77.7	86.9	x	HT Stack 86-87
9	2:13 PM	70.3	73.4		
10	2:14 PM	72.7	80.7		
11	2:15 PM	70.9	73.9		
12	2:16 PM	72.6	78.7		
13	2:17 PM	72.3	77.7		
14	2:18 PM	78.3	88.1	x	HT Stack 88 dB (Data Anomaly)
15	2:19 PM	71.7	75.5		
16	2:20 PM	70.2	71.8		
17	2:21 PM	73.8	82.7		
18	2:22 PM	71.1	76.4		
19	2:23 PM	71.9	78.3		
20	2:24 PM	71.4	77.2		
21	2:25 PM	71.8	73.5	x	End Data
	Leq	**72.7**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 5/21/18
Site
Area
Address 1853 VIRGINIA ST.

Site Sketch See previous

Weather
Temp 66°, sunny
Wind 4-8/NNE
Direction

Other

Notes

RION/LDN121# /604 Cal@ 114.0 Cal Check=

#	Time Start	Description
1	14 05	I-10 sound WB: 25 mph EB: 40-45 mph >=68-70 dB
2	06	speeds up slightly, 70-72 typical
3	07	Auto only WB-67-68 HT EB stack: 75, HT WB stack=81 (Accel)
4	08	HT WB Accel = 85-86 WB: 20-25 EB=45
5	09	HT WB stack Accel=81, HT EB Exit Ramp=83 WIND: 6-8 mph
6	1410	WB: 25-30 EB: 45-50 right
7	11	HT stack WB=85 WIND: 8-10 mph NNE
8	12	HT Accel WB stack=86-87
9	13	WB-30 EB-45-50
10	14	Long pile up Accel WB-80
11	1415	WB: 20-25 EB: 45-50
12	16	WIND= 5-9 mph NNE
13	17	Lond HT stack EB
14	18	HT stack Accel WB (entire ramp) = 80, HT stack Accel WB= 85
15	15	WB speeds slightly (auto only=67-69) WB: 30-35 EB: 45-50
16	1420	
17	21	Long WB HT EXIT, compression brake=82 WB: 25-30 EB=45-50 WIND: 4-7 mph NNE
18	22	
19	23	HT EB stack = 75-76 WB=35-40 EB=45-50
20	24	WB slows WB=15-20 EB=45-50
21		
22		END DATE 1425
23		
24		
25		
26		
27		
28		
29		
30		

Lower 2 WB lane typically 5-10 slower than outside WB Lane (I-10)

LyT/604.013





1853 Virginia St

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**E Polk St BB court**				
Description:	**East Polk St park basketball court**				
SLM Filename:	**SLM_0001606_LxT_1606_002.00**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	10:30 AM	71.5	78.3		
2	10:31 AM	71.6	74.3		
3	10:32 AM	70.5	73.2		
4	10:33 AM	70.1	71.9		
5	10:34 AM	70.0	72.4		
6	10:35 AM	69.8	71.3		
7	10:36 AM	70.4	74.5		
8	10:37 AM	70.9	74.1		
9	10:38 AM	70.2	74.9		
10	10:39 AM	69.6	72.0		
11	10:40 AM	70.6	72.7		
12	10:41 AM	73.6	81.4		
13	10:42 AM	70.0	72.8		
14	10:43 AM	70.5	76.1		
15	10:44 AM	70.1	73.5		
16	10:45 AM	70.6	74.7		
17	10:46 AM	70.2	76.5		
18	10:47 AM	68.7	71.3		
19	10:48 AM	70.8	72.7		
20	10:49 AM	70.7	75.5		
21	10:50 AM	70.8	73.2	x	End Data
Leq		**70.6**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21 **Site** Polk St. Basketball Court

Area

Address

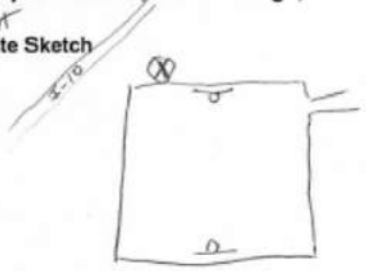
Weather

Temp

Wind

Direction

Site Sketch



Other

Notes

RION/LD/N121# Cal@ Cal Check=

#	Time Start	Description
1	10:30 AM	Start
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20	10:50 AM	end. No Abnormal noise during measurement.
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

LxT_1606.002

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**E Polk St BB court**				
Description:	**East Polk St park basketball court**				
SLM Filename:	**SLM_0001606_LxT_1606_005.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	11:15 AM	71.0	73.2		
2	11:16 AM	71.3	72.9		
3	11:17 AM	72.0	74.0		
4	11:18 AM	71.1	72.7		
5	11:19 AM	72.3	75.3		
6	11:20 AM	73.5	80.2		
7	11:21 AM	72.5	78.3		
8	11:22 AM	70.6	73.2		
9	11:23 AM	71.9	77.6		
10	11:24 AM	72.2	77.9		
11	11:25 AM	69.6	72.7		
12	11:26 AM	69.3	70.9		
13	11:27 AM	70.5	73.6		
14	11:28 AM	71.9	73.5		
15	11:29 AM	72.1	74.4		
16	11:30 AM	72.1	76.4		
17	11:31 AM	70.7	75.2		
18	11:32 AM	70.2	72.4		
19	11:33 AM	70.5	71.6		
20	11:34 AM	72.8	80.2		
21	11:35 AM	71.3	75.4	x	End Data
Leq		**71.5**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18

Site

Area

Address E Polk St. Park
1926 Maryland St.

Site Sketch

East Polk St. Park (Lyt#1606) Source #07

1926 Maryland St — (Lyt#1604) Source #13

See previous sketches

Weather

Temp 65°F. Sunny

Wind 2-6 / NNE

Direction

Notes

Other

RION LD/N121# 1604 ; 1606 Cal@ 114.0 Cal Check= WB EB

#	Time Start	Description	
1	11:15	I-10 free flow HT WB Stack=79	Wind: 2-6 NNE 49-49 45-50
2	16	HT EB Stack=80?	
3	17		Wind=calm 45-50 52-55
4	18		
5	19		Wind: 4-6 NNE
6	11:20	Multiple HTs = 72-74	55 52-57
7	21	Ambulance siren EB=76, Autos only=68-69	Wind: 2-4 ENE
8	22		
9	23	WB HT Stack=74, EB HT Stack=75	
10	24	Speeds ↓ EB	47-50 48-50
11	11:25		
12	26	Speeds back up EB	49-50 50-55
13	27		Wind calm
14	28	All I-10 free flow traffic	
15	29	HTs = 71-73	
16	11:30	Low vol traffic of 5-10 mph=65-67	Wind: 2-4 ENE
17	31		
18	32	HT EB Stack 216 long bus=73-74	
19	33		
20	34		
21			
22		END time 11:35	
23			
24			
25			
26			
27			
28			
29			
30			

typical I-10 = 69 (autos only) → 70-72 (autos + HT)

Lyt 1604.019

Lyt 1606.005





E Polk St BB court

Louisiana Department of Transportation & Development	
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**
Site:	**1926 Maryland St**
Description:	**Single family residence**
SLM Filename:	**SLM_0001604_LxT_1604_010.05**
Date:	**3/21/2018**

Period #	Time Start	Leq	Lmax	Delete?	Notes
1	10:30 AM	72.7	80.9		
2	10:31 AM	71.8	77.1		
3	10:32 AM	71.4	78.1		
4	10:33 AM	69.8	71.9		
5	10:34 AM	69.8	71.0		
6	10:35 AM	69.9	71.4		
7	10:36 AM	70.0	73.2		
8	10:37 AM	70.9	73.1		
9	10:38 AM	70.5	73.0		
10	10:39 AM	68.8	70.4		
11	10:40 AM	72.8	81.5		
12	10:41 AM	69.8	75.9		
13	10:42 AM	68.4	69.9		
14	10:43 AM	69.9	75.2		
15	10:44 AM	70.1	75.5		
16	10:45 AM	71.8	78.5		
17	10:46 AM	69.8	72.1		
18	10:47 AM	69.8	72.5		
19	10:48 AM	69.6	71.4		
20	10:49 AM	69.6	71.8		
21	10:50 AM	71.2	76.6	x	End Data
	Leq	**70.5**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 5/21/18

Site

Area

Address 1926 Millsdale

Weather

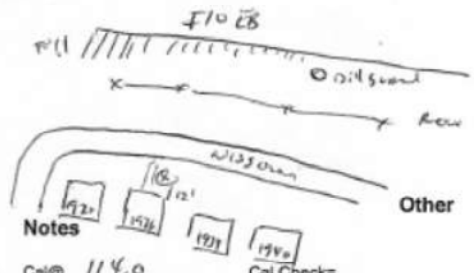
Temp 58°, sunny

Wind 2-4 ENE

Direction

RION/LD/N121# 1604

Site Sketch



Notes **Other**

Cal@ 114.0 Cal Check=

#	Time Start	Description
1	1030	All I-10 noise at stake EB = 78-79? I 10 = freeflow
2	31	
3	32	Log at stake WB
4	33	
5	34	Lower HT sensor to 65-69 acts only (w=0: calm)
6	1035	
7	36	
8	37	
9	38	
10	39	
11	1040	HT stake EB = 75, HT stake EB = 81-82
12	41	
13	42	
14	43	Local water fl ripple noise effect WIND: 4-5 / ENE
15	44	no HTs: 68-69 ~~interruption~~ only slower 40 ripple
16	1045	HT stake EB: 78
17	46	45 ± HT vol noise: 68-69
18	47	lower HT vol noise
19	48	EB slowing to 45-50
20	49	
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

typical I10: 71-75

HT stakes = 76-79

EB ing = ~~48~~ 45-50

1604, 01D

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1926 Maryland St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_014.02**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	2:40 PM	66.3	69.0		
2	2:41 PM	61.4	64.5		
3	2:42 PM	63.1	65.7		
4	2:43 PM	68.8	82.2		
5	2:44 PM	71.2	81.2		
6	2:45 PM	64.8	67.9		
7	2:46 PM	63.4	65.8		
8	2:47 PM	64.6	66.6		
9	2:48 PM	65.5	73.3		
10	2:49 PM	67.6	73.1		
11	2:50 PM	66.4	69.3		
12	2:51 PM	65.2	68.2		
13	2:52 PM	62.2	64.7		
14	2:53 PM	64.6	68.7		
15	2:54 PM	72.5	81.1		
16	2:55 PM	65.7	69.9		
17	2:56 PM	68.7	75.6		
18	2:57 PM	67.9	72.5		
19	2:58 PM	65.0	69.8		
20	2:59 PM	64.2	67.8		
21	3:00 PM	63.4	66.4		
22	3:01 PM	65.2	71.8		
23	3:02 PM	64.4	70.9		
24	3:03 PM	62.0	65.5	x	EB stopped
25	3:04 PM	62.2	64.3	x	
26	3:05 PM	63.3	70.4	x	End Data
	Leq	**66.7**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18 **Site** _____

Site Sketch see previous

Area _____

Address 1926 [illegible] Maryland

Weather

Temp 60°F, sunny
Wind 2-5/NNE

Other

Notes

Direction
RION/LD/N121# 1604

Cal@ 114.0 Cal Check=

#	Time Start	Description
1	1440	Leq Start= 1435
2	41	EB 574'; 90
3	42	EB= stop; 50
4	43	EB HT Hawk
5	44	Lowest HT EB Start= 82
6	1445	EB= 25-30
7	46	EB= 20-25
8	47	C: 15 EB 15-20
9	48	EB= 20-25
10	49	EB= 35-40
11	1450	:54 EB 10-15 mph
12	51	
13	52	EB = 25
14	53	EB Stop'; 50
15	54	EB= 5-10 mph
16	1455	EB= 15-20 mph
17	56	EB= 25-30-35
18	57	
19	58	EB 20-25
20	59	EB 15-20
21	1500	EB 10-15
22	01	EB= 10-15
23	02	EB Changing 150-8'; 90
24	03	EB Stopped 1578'; 30
25	04	
26		
27		END D #A C1505
28		
29		
30		

WB= 30-35 :57 EB slows to crawl
WB= 30-35 mph > 58-60 mph
WB= 30-35 mph
:20 EB 30/10 Moving Start= 20-25 mph
WB= 35-40 > 62-64
WB= 31-40 > 61-63 C:35 EB Stop'; 50
WB= 35-40
EB= 15-20 WB= 40-45
EB= 20-25 WB= 40-45
EB= 35-40 WB= 40-45 > 67-68
WB= 40-45 > 63-64
EB = 25 WB-45 > 63-64 :28 EB Stop'; 70
EB Stop'; 50 Local= 67
WB= 40-45 HT Start / End Temp= 75
WB= 40 Local > 67-68 HT 59: 75
EB 20-25 WB= 40-45 > 63
EB 15-20 WB= 40-45
EB= 10-15 WB= 40-45 > 62-65 EB WB HT= 70-72
EB Stopped 1578'; 90 WB= 40-45

Wind= 4-6/WNW

Speeds lower than others

L_{eq} 1504.614

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1926 Maryland St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_019.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	11:15 AM	71.4	79.4		
2	11:16 AM	72.2	80.2		
3	11:17 AM	70.6	74.1		
4	11:18 AM	70.3	74.8		
5	11:19 AM	69.7	73.0		
6	11:20 AM	70.5	73.2		
7	11:21 AM	70.5	77.0		
8	11:22 AM	70.2	73.9		
9	11:23 AM	70.4	75.1		
10	11:24 AM	69.3	71.3		
11	11:25 AM	69.8	73.6		
12	11:26 AM	70.4	75.4		
13	11:27 AM	70.1	75.8		
14	11:28 AM	70.4	73.8		
15	11:29 AM	71.5	73.6		
16	11:30 AM	70.1	72.9		
17	11:31 AM	69.2	72.6		
18	11:32 AM	69.3	73.7		
19	11:33 AM	70.1	72.8		
20	11:34 AM	69.2	71.3		
21	11:35 AM	69.9	70.7	x	
	Leq	**70.3**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18

Site

Area

Address E Polk St. Park
1926 Maryland St.

Site Sketch

East Polk St. Park (Lyt#1606) Source #07

1926 Maryland St — (Lyt#1604) Source #13

See previous sketches

Weather

Temp 65°F. Sunny

Wind 2-6 / NNE

Direction

Notes

Other

RION LD/N121# 1604 ; 1606 Cal@ 114.0 Cal Check= WB EB

#	Time Start	Description	
1	11:15	I-10 free flow HT WB Stack=79	Wind: 2-6 NNE 49-49 45-50
2	16	HT EB Stack=80?	
3	17		Wind=calm 45-50 52-55
4	18		
5	19		Wind: 4-6 NNE
6	11:20	Multiple HTs = 72-74	55 52-57
7	21	Ambulance siren EB=76, Autos only=68-69	Wind: 2-4 ENE
8	22		
9	23	WB HT Stack=74, EB HT Stack=75	
10	24	Speeds ↓ EB	47-50 48-50
11	11:25		
12	26	Speeds back up EB	49-50 50-55
13	27		Wind calm
14	28	All I-10 free flow traffic	
15	29	HTs = 71-73	
16	11:30	Low vol traffic of 5-10 mph=65-67	Wind: 2-4 ENE
17	31		
18	32	HT EB Stack 216 long bus=73-74	
19	33		
20	34		
21			
22		END time 11:35	
23			
24			
25			
26			
27			
28			
29			
30			

typical I-10 = 69 (autos only) → 70-72 (autos + HT)

Lyt 1604.019

Lyt 1606.005





1926 Maryland St

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2280 Baywood Ave**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_011.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	11:25 AM	73.5	76.9		
2	11:26 AM	74.7	80.2		
3	11:27 AM	74.3	77.2		
4	11:28 AM	76.0	84.0		
5	11:29 AM	74.4	77.6		
6	11:30 AM	73.6	76.2		
7	11:31 AM	74.5	78.9		
8	11:32 AM	76.9	87.5		
9	11:33 AM	75.1	78.9		
10	11:34 AM	74.5	79.6		
11	11:35 AM	73.5	76.8		
12	11:36 AM	73.9	77.6		
13	11:37 AM	73.3	75.5		
14	11:38 AM	73.7	81.9		
15	11:39 AM	74.4	77.6		
16	11:40 AM	73.3	77.3		
17	11:41 AM	73.7	78.0		
18	11:42 AM	74.5	80.3		
19	11:43 AM	74.0	76.0		
20	11:44 AM	72.8	74.7		
21	11:45 AM	72.6	74.5	x	End Data
	Leq	**74.3**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

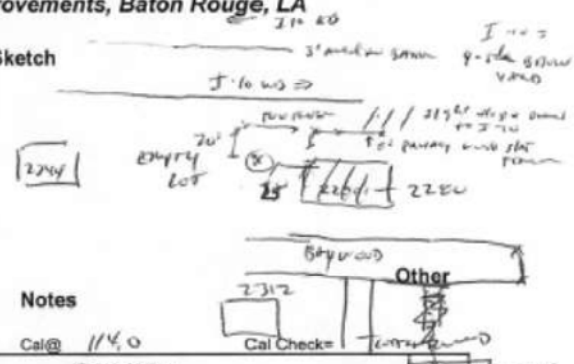
Date 3/21/18

Site

Area

Address 2250 Bayswood Ave

Site Sketch



Weather

Temp 60°F, sunny

Wind 2-8 / NNE / variable

Direction

Notes

RION/LDN121# /604

Cal@ 114.0 Cal Check=

#	Time Start	Description
1	1125	WB start @ 1122 — All I-10 free flow traffic
2	26	HT STACK WB = 80 HT STACK EB = 77
3	27	
4	28	2WD pick ups/vans WB = 84 — wind = 2-5 / NS
5	29	
6	1150	
7	31	2WD WB HT
8	32	2WD HT STACK WB
9	33	wind: 2-6 / WSW
10	34	HT STACK EB = 78
11	1135	
12	36	All I-10 / free flow traffic — wind 4-7 / NW
13	37	wind = 7-12 / ENE
14	38	HT vol = 65-71, HT stack EB = 81-82
15	39	
16	1140	
17	41	Longer HT STACK WB
18	42	Dump truck STACK WB ↑ HTs/Autos = 74-75 typically
19	43	
20	44	EB traffic & speed 30-35 mph
21		
22		END DATA @ 1145
23		
24		
25		
26		
27		
28		
29		
30		

Steady I-10 = 73-75 dBA

Autos = 70-72 HTs = 72-75

EB = Stack only
WB = 50-55 mph

Lpt 1604 011

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2280 Baywood Ave**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_017.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	9:50 AM	75.5	86.7	x	HT Horn EB = 86
2	9:51 AM	71.1	72.7		
3	9:52 AM	71.7	74.9		
4	9:53 AM	73.9	81.5		
5	9:54 AM	73.7	76.6		
6	9:55 AM	72.9	76.1		
7	9:56 AM	72.5	74.7		
8	9:57 AM	74.9	83.6	x	HT WB Stack = 83
9	9:58 AM	73.2	75.5		
10	9:59 AM	72.7	76.2		
11	10:00 AM	72.7	75.8		
12	10:01 AM	73.2	75.6		
13	10:02 AM	74.8	83.9	x	Siren EB = 81-82
14	10:03 AM	73.1	74.6		
15	10:04 AM	73.7	78.5		
16	10:05 AM	73.2	75.8		
17	10:06 AM	73.0	75.0		
18	10:07 AM	73.2	76.7		
19	10:08 AM	74.8	82.4		4-5 motos wb = 82
20	10:09 AM	72.7	75.2		
21	10:10 AM	74.6	79.5	x	End Data
	Leq	**73.1**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/27/18

Site

Area

Address ~~2280~~ 2280 BAYWOOD

Site Sketch

SEE PREVIOUS SKETCH

Weather

Temp 50°-62°F, Sunny

Wind Calm → 2-5 E

Direction

Notes

Other

RION LD-N121# 1604 Cal@ 114.0 Cal Check=

#	Time Start	Description	Speeds WB	Speeds EB
1	950	All I-10 noise HF Hum EB=82	25-30	50-55
2	51	WB over limit ↓	Wind: 7-5 E	40-45
3	52	HF WB = 75	35	50-55
4	53	HF Stack WB = 73-74 Autos only = 72	40-45	50-55
5	54		45-50	50-55
6	955	HF EB Stack = 76	"	"
7	56			
8	57	HF WB Stack = 75, HF WB Stack 85	Wind: Calm	
9	58	I-10 Steady 73-74		
10	59			
11	1000			
12	01			
13	02	HF Stack = 74-79 Siren EB = 81-82?		
14	03	Autos only = 72 Autos + HF = 74		
15	04	Longer HF Stack WB = 78	50-55	50-55
16	1005			
17	06	HF EB = 75	Wind = Calm	
18	07			
19	09	4-5 semi trucks WB = 82		
20	09			
21				
22		END DATE 1010		
23				
24				
25				
26				
27				
28				
29				
30				

Not much HF Accel noise / Good flow

L_T1604.017





2280 Baywood Ave

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2808 Fiero St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_012.02**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	12:25 PM	74.7	76.9		
2	12:26 PM	74.1	76.1		
3	12:27 PM	75.9	81.3		
4	12:28 PM	74.5	83.6		
5	12:29 PM	73.7	83.4		
6	12:30 PM	75.0	80.0		
7	12:31 PM	73.9	77.1		
8	12:32 PM	73.9	76.2		
9	12:33 PM	73.9	75.7		
10	12:34 PM	74.2	77.2	x	
11	12:35 PM	73.7	76.9	x	WB slowed -> stop and go
12	12:36 PM	74.6	79.4	x	WB slowed -> stop and go
13	12:37 PM	74.0	78.2	x	WB slowed -> stop and go
14	12:38 PM	72.0	75.4	x	WB slowed -> stop and go
15	12:39 PM	73.8	75.9	x	WB slowed -> stop and go
16	12:40 PM	73.1	76.0	x	
17	12:41 PM	73.1	76.6	x	
18	12:42 PM	72.5	77.3	x	
19	12:43 PM	72.9	74.8	x	
20	12:44 PM	72.5	75.8	x	WB stop and go
21	12:45 PM	72.3	75.2	x	WB stop and go
22	12:46 PM	72.5	74.6	x	WB stop and go
23	12:47 PM	73.3	80.1	x	WB stop and go
24	12:48 PM	74.1	75.9	x	WB stop and go
25	12:49 PM	73.8	77.0	x	WB stop and go
26	12:50 PM	72.9	76.6	x	
27	12:51 PM	72.2	73.8	x	End Data
	Leq	**74.5**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 5/21/18

Site

Area

Address 2508 Fiona

Weather

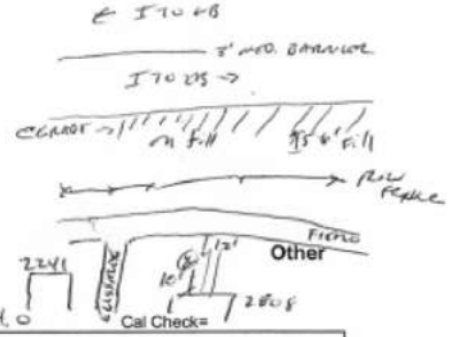
Temp 64°F, sunny

Wind 2-6' varying

Direction

RION/LD/N121# 1604

Site Sketch



Notes

Cal@ 114.0

#	Time Start	Description
1	1225	All I-10 noise / free flow traffic
2	26	
3	27	Lead AT EB stack = 80, BED Bay #4 WB=81
4	28	Lead IT stack EB
5	29	Lowest vol period = 68 WIND = 2.5 / MPH
6	1230	
7	31	
8	32	
9	33	
10	34	
11	1235	WB slowed => stop: 90
12	36	EB Free-Flow
13	37	
14	38	
15	39	
16	1240	
17	41	
18	42	
19	43	WB = 10-15 mph
20	44	WB ~~stopped~~ Stop: 90
21	1245	
22	46	
23	47	
24	48	
25	49	
26	1250	
27		END @ 1251
28		
29		
30		

EB = 45-52 mph, WB = 52-57 mph

LT 1604.012

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2808 Fiero St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_018.03**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	10:30 AM	75.4	77.3		
2	10:31 AM	74.9	77.8		
3	10:32 AM	73.7	75.1		
4	10:33 AM	74.1	76.5		
5	10:34 AM	75.4	81.3		
6	10:35 AM	74.2	76.1		
7	10:36 AM	77.0	82.6	x	WB ambulance siren 82-83
8	10:37 AM	74.4	76.9		
9	10:38 AM	75.5	80.7		
10	10:39 AM	74.9	76.9		
11	10:40 AM	76.1	81.0		
12	10:41 AM	75.0	81.2		
13	10:42 AM	74.2	81.0		
14	10:43 AM	76.2	82.0		
15	10:44 AM	74.7	76.4		
16	10:45 AM	75.4	80.9		
17	10:46 AM	74.7	78.7		
18	10:47 AM	74.5	76.7		
19	10:48 AM	73.9	78.2		
20	10:49 AM	74.2	77.4		
21	10:50 AM	74.2	75.1	x	End Data
	Leq	**74.9**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/27/19

Site

Area

Address 2808 Flora Rd

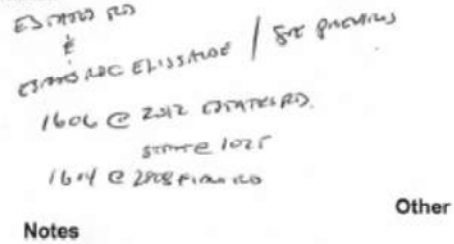
Weather

Temp 56-58°F, sunny, no clouds

Wind 2-5/ENE

Direction

Site Sketch



Other

Notes

RION(LD)N121# 1604 Cal@ 114.0 Cal Check=

#	Time Start	Description
1	1030	I-10 free flow but directly [illegible] WIND: 2-5/ ENE
2	31	I-10 = 73-75 consistently HT STACK EB = 78
3	32	Atty only = 71-72
4	33	HT EB = 76
5	34	HT EB stack = 80-81 @ Flora Rd WIND: CALM
6	1035	
7	36	MI I-10 NOISE / FREE FLOW TRAFFIC, HT EB = 82-83, WB AMBULANCE siren = 82
8	37	
9	38	SB HT EB stack temp = 81
10	39	EB slowing Down to [illegible] (<1), still moving, just slower
11	1040	HT EB STACK = 81, EB sped up again 75-77
12	41	Local HT = 77-78 HT STACK EB WIND: 2-6/ENE
13	42	
14	43	Land HT STACK EB WIND: CALM
15	44	
16	1045	I10 consistent 72-75, HT STACK EB = 81
17	46	
18	47	
19	48	
20	49	EB slower 35-40 mph
21		
22		END DATA @ 1050 EA
23		
24		
25		
26		
27		
28		
29		
30		

NOISE 2808 FLORA RD.

Y?

LAT 1604 @ 18

LAT 1606 @ 28





2808 Fiero St

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2012 Estates Rd**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001606_LxT_1606_003.01**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	12:28 PM	74.8	79.4		
2	12:29 PM	73.2	75.6		
3	12:30 PM	75.1	78.0		
4	12:31 PM	74.0	75.6		
5	12:32 PM	74.0	77.4		
6	12:33 PM	73.4	75.1		
7	12:34 PM	74.6	77.7	x	I-10 WB stop & go
8	12:35 PM	73.5	75.8	x	I-10 WB stop & go
9	12:36 PM	73.9	79.8	x	I-10 WB stop & go
10	12:37 PM	73.1	76.4	x	I-10 WB stop & go
11	12:38 PM	72.1	75.5	x	I-10 WB stop & go
12	12:39 PM	73.8	76.9	x	I-10 WB stop & go
13	12:40 PM	73.1	75.8	x	I-10 WB stop & go
14	12:41 PM	72.4	74.7	x	I-10 WB stop & go
15	12:42 PM	74.1	83.8	x	I-10 WB stop & go
16	12:43 PM	73.2	74.7	x	I-10 WB stop & go
17	12:44 PM	72.9	75.7	x	I-10 WB stop & go
18	12:45 PM	72.7	76.3	x	I-10 WB stop & go
19	12:46 PM	73.6	76.3	x	I-10 WB stop & go
20	12:47 PM	73.2	77.2	x	I-10 WB stop & go
21	12:48 PM	74.8	80.7	x	I-10 WB stop & go
22	12:49 PM	72.8	76.2	x	I-10 WB stop & go
23	12:50 PM	74.9	79.1	x	I-10 WB stop & go
24	12:51 PM	72.4	75.5	x	I-10 WB stop & go
25	12:52 PM	74.0	77.1	x	
26	12:53 PM	75.2	86.2	x	
27	12:54 PM	75.6	86.2	x	
28	12:55 PM	72.9	75.5	x	
29	12:56 PM	73.0	76.8	x	
30	12:57 PM			x	End Data
	Leq	**74.1**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18

Site

Area

Address 2012 Estates Bd.

Weather

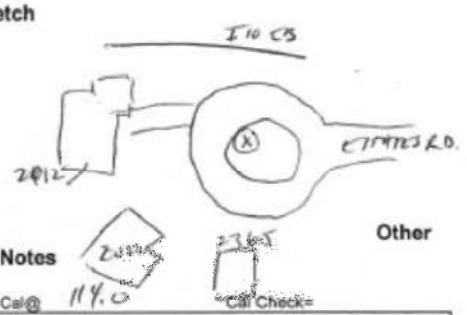
Temp

Wind

Direction

RION/LD/N121# 1602

Site Sketch



Notes

Other

#	Time Start	1215 START LVT Description
1		NOISE ON LEVELS & CONTROLLED / ENVIRONMENT
2		
3		
4		
5		↓ See notes for LSUS FIELD
6		
7		
8	1235	WB I-10 Hwy SB ↓
9		
10		
11		
12		
13		
14		
15	1257	END DATA
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

LVT 1606.003

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2012 Estates Rd**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001606_LxT_1606_004.01**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	10:30 AM	73.2	75.3		
2	10:31 AM	74.7	80.7		
3	10:32 AM	73.0	75.5		
4	10:33 AM	73.7	76.0		
5	10:34 AM	73.5	75.7		
6	10:35 AM	73.5	76.1		
7	10:36 AM	75.4	82.7	x	Ambulance Siren
8	10:37 AM	73.3	76.5		
9	10:38 AM	73.9	77.9		
10	10:39 AM	74.2	76.7		
11	10:40 AM	74.2	78.1		
12	10:41 AM	74.8	81.1		
13	10:42 AM	73.3	76.9		
14	10:43 AM	74.9	80.1		
15	10:44 AM	74.0	78.7		
16	10:45 AM	73.9	77.9		
17	10:46 AM	73.3	76.3		
18	10:47 AM	73.3	75.2		
19	10:48 AM	77.1	87.8		
20	10:49 AM	73.8	76.7		
21	10:50 AM	73.4	76.5	x	End Data
	Leq	**74.1**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/27/19

Site

Area

Address 2808 Flora Rd

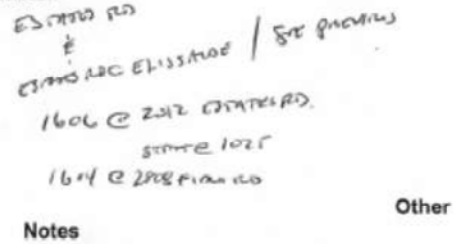
Weather

Temp 56-58°F, sunny, no clouds

Wind 2-5/ENE

Direction

Site Sketch



Other

Notes

RION(LD)N121# 1604 Cal@ 114.0 Cal Check=

#	Time Start	Description
1	1030	I-10 free flow but directly [illegible] WIND: 2-5/ ENE
2	31	I-10 = 73-75 consistently HT STACK EB = 78
3	32	Atty only = 71-72
4	33	HT EB = 76
5	34	HT EB stack = 80-81 @ Flora Rd WIND: CALM
6	1035	
7	36	MI I-10 NOISE / FREE FLOW TRAFFIC, HT EB = 82-83, WB AMBULANCE siren = 82
8	37	
9	38	SB HT EB stack temp = 81
10	39	EB slowing Down to [illegible] (<1), still moving, just slower
11	1040	HT EB STACK = 81, EB sped up again 75-77
12	41	Local HT = 77-78 HT STACK EB WIND: 2-6/ENE
13	42	
14	43	Land HT STACK EB WIND: CALM
15	44	
16	1045	I10 consistent 72-75, HT STACK EB = 81
17	46	
18	47	
19	48	
20	49	EB slower 35-40 mph
21		
22		END DATA @ 1050 EA
23		
24		
25		
26		
27		
28		
29		
30		

NOISE 2808 FLORA RD.

Y?

LAT 1604 @ 18

LAT 1606 @ 28





2012 Estates Rd

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2226 Estates Rd**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_005.02**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	12:25 PM	73.7	75.9		
2	12:26 PM	73.6	77.4		
3	12:27 PM	74.2	77.9		
4	12:28 PM	73.1	77.8		
5	12:29 PM	72.0	75.0		
6	12:30 PM	74.0	77.4		
7	12:31 PM	73.0	76.1		
8	12:32 PM	72.9	75.6		
9	12:33 PM	72.3	74.0		
10	12:34 PM	72.7	75.7	x	stop traffic on WB lanes (5 mph)
11	12:35 PM	72.0	75.8	x	
12	12:36 PM	72.3	75.7	x	traffic speed up on WB (30 mph)
13	12:37 PM	71.7	74.9	x	slow down/stop traffic on WB (0-5 mph)
14	12:38 PM	70.5	73.2	x	
15	12:39 PM	72.2	74.7	x	
16	12:40 PM	71.5	74.8	x	
17	12:41 PM	71.2	73.8	x	
18	12:42 PM	71.1	75.4	x	
19	12:43 PM	71.4	73.6	x	
20	12:44 PM	71.8	75.1	x	
21	12:45 PM	70.7	73.1	x	
22	12:46 PM	71.6	74.1	x	
23	12:47 PM	71.6	75.4	x	
24	12:48 PM	73.6	77.8	x	
25	12:49 PM	72.2	77.2	x	
26	12:50 PM	72.9	77.0	x	ambulance siren on WB
27	12:51 PM	71.0	73.0	x	End Data
	Leq	**73.2**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18
Site Estates Rd.
Area front yard / driveway
Address 2226 Estates Rd.
Weather Sunny
Temp 67°
Wind
Direction
RION/LD/N121# 1605-005

Site Sketch



#	Time Start	Description
1	12:25 pm	
2	12:26	
3	12:27	
4	12:28	
5	12:29	
6	12:30	
7	12:31	
8	12:32	
9	12:33	
10	12:34	slow down / stop traffic on WB lanes (5mph)
11	12:35	
12	12:36	traffic speed up on WB (30 mph)
13	12:37	slow down / stop traffic on WB (0-5 mph)
14	12:38	
15	12:39	
16	12:40	
17	12:41	
18	12:42	
19	12:43	
20	12:44	
21	12:45	
22	12:46	
23	12:47	
24	12:48	
25	12:49	
26	12:50	ambulance siren on WB
27		
28		
29		
30		

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2226 Estates Rd**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_009.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	10:30 AM	72.6	74.7		
2	10:31 AM	72.8	75.4		
3	10:32 AM	72.0	74.3		
4	10:33 AM	72.6	75.0		
5	10:34 AM	72.5	74.4		
6	10:35 AM	72.0	74.1		
7	10:36 AM	73.0	77.2		
8	10:37 AM	74.3	81.4	x	ambulance siren on WB
9	10:38 AM	72.9	74.6		
10	10:39 AM	73.0	74.5		
11	10:40 AM	73.5	76.2		
12	10:41 AM	72.7	75.2		
13	10:42 AM	72.1	76.2		
14	10:43 AM	74.4	81.9		
15	10:44 AM	73.2	76.9		
16	10:45 AM	72.8	77.4		
17	10:46 AM	72.9	76.3		
18	10:47 AM	72.7	74.5		
19	10:48 AM	73.5	80.7		
20	10:49 AM	72.7	74.9		
Leq		**72.9**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18

Site Estates St.

Area front yard

Address 2226 Estates St.

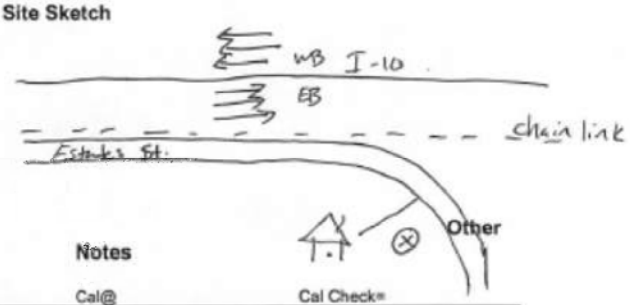
Weather sunny

Temp 62°

Wind

Direction

Site Sketch



Notes

RION/LD/N121# 1605-009 Cal@ Cal Check=

#	Time Start	Description
1	10:30 am	
2	10:31	
3	10:32	
4	10:33	
5	10:34	
6	10:35	
7	10:36	ambulance siren on WB
8	10:37	
9	10:38	
10	10:39	
11	10:40	
12	10:41	
13	10:42	
14	10:43	
15	10:44	
16	10:45	
17	10:46	
18	10:47	
19	10:48	
20	10:49	
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		



2226 Estates Rd

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1159 E Harrison St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_003.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	10:31 AM	73.7	76.8		
2	10:32 AM	73.9	77.8		
3	10:33 AM	73.2	75.9		
4	10:34 AM	73.8	75.1		
5	10:35 AM	73.4	75.7		
6	10:36 AM	73.2	75.3		
7	10:37 AM	73.8	75.9		
8	10:38 AM	73.8	77.2		
9	10:39 AM	72.5	74.4		
10	10:40 AM	73.0	75.7		
11	10:41 AM	73.9	78.5		
12	10:42 AM	72.4	75.4		
13	10:43 AM	72.8	76.9		
14	10:44 AM	72.5	74.9		
15	10:45 AM	74.3	81.5		
16	10:46 AM	74.1	79.7		
17	10:47 AM	72.8	74.5		
18	10:48 AM	73.2	75.6		
19	10:49 AM	73.3	75.7		
20	10:50 AM	73.9	77.2		
21	10:51 AM	73.1	74.5	x	End Data
	Leq	**73.4**			

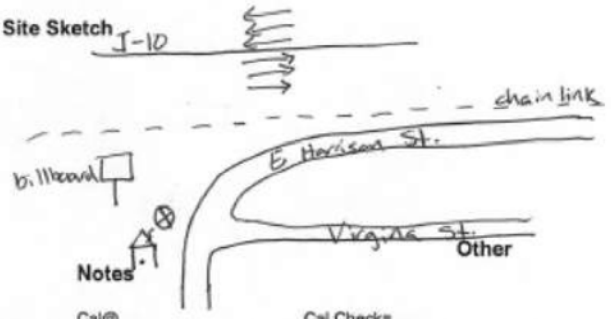
Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18
Site Virginia St @ Harrison St.
Area front yard
Address

Weather Sunny
Temp 57°
Wind ✓
Direction

Site Sketch



RION/LD/N121# 1605-003 Cal@ Cal Check=

#	Time Start	Description
1	10:30 am	
2	10:31	
3	10:32	
4	10:33	
5	10:34	
6	10:35	
7	10:36	
8	10:37	
9	10:38	
10	10:39	
11	10:40	
12	10:41	
13	10:42	
14	10:43	
15	10:44	
16	10:45	
17	10:46	
18	10:47	
19	10:48	
20	10:49	
21	10:50	
22	10:51	
23		
24		
25		
26		
27		
28		
29		
30		

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1159 E Harrison St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_007.02**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	2:40 PM	69.6	77.6		
2	2:41 PM	63.7	67.9		
3	2:42 PM	67.3	71.4		
4	2:43 PM	69.5	73.6		
5	2:44 PM	74.2	81.7		
6	2:45 PM	69.3	71.8		
7	2:46 PM	66.7	71.6		
8	2:47 PM	67.9	70.4		
9	2:48 PM	69.2	72.2		
10	2:49 PM	71.3	75.7		
11	2:50 PM	69.5	72.8		
12	2:51 PM	68.5	72.2		
13	2:52 PM	66.2	70.9		
14	2:53 PM	65.0	70.1		
15	2:54 PM	68.6	72.4		
16	2:55 PM	72.8	80.9		
17	2:56 PM	70.7	74.4		
18	2:57 PM	72.4	77.5		
19	2:58 PM	67.4	69.8		
20	2:59 PM	66.9	68.9		
21	3:00 PM	66.9	69.2		
22	3:01 PM	67.4	71.8		
23	3:02 PM	67.8	70.9		
24	3:03 PM	64.4	67.8		
25	3:04 PM	65.6	67.4		
26	3:05 PM	64.4	64.9	x	End Data
	Leq	**69.1**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18

Site Virginia St @ Harrison St

Area front yard

Address

Weather 69° sunny
Temp
Wind
Direction

Site Sketch



Other

Notes

RION/LD/N121# 1605-007 Cal@ Cal Check=

#	Time Start	Description
1	2:40 pm	
2	2:41	EB traffic stopped
3	2:42	EB traffic going (35 mph)
4	2:43	
5	2:44	
6	2:45	
7	2:46	
8	2:47	
9	2:48	
10	2:49	
11	2:50	
12	2:51	
13	2:52	EB traffic stopped
14	2:53	
15	2:54	EB traffic going (30-40 mph)
16	2:55	
17	2:56	
18	2:57	
19	2:58	
20	2:59	
21	3:00	
22	3:01	
23	3:02	
24	3:03	
25	3:04	
26	3:05	
27		
28		
29		
30		

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1159 E Harrison St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_010.00**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	11:15 AM	74.2	79.0		
2	11:16 AM	74.7	79.8		
3	11:17 AM	75.1	77.0		
4	11:18 AM	74.1	77.5		
5	11:19 AM	74.0	76.6		
6	11:20 AM	74.5	76.0		
7	11:21 AM	75.2	81.5	x	ambulance siren on EB
8	11:22 AM	73.6	75.8		
9	11:23 AM	74.6	78.6		
10	11:24 AM	73.9	76.0		
11	11:25 AM	73.8	76.0		
12	11:26 AM	74.8	76.7		
13	11:27 AM	73.9	77.3		
14	11:28 AM	74.1	75.8		
15	11:29 AM	75.4	77.5		
16	11:30 AM	74.0	76.4		
17	11:31 AM	72.9	74.5		
18	11:32 AM	72.5	75.4		
19	11:33 AM	74.0	76.0		
20	11:34 AM	74.1	76.2		
21	11:35 AM	74.6	75.7	x	End Data
	Leq	**74.2**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18

Site Virginia St. + E. Herrison

Area front yard

Address 1159 E. Herrison St.

Weather Sunny

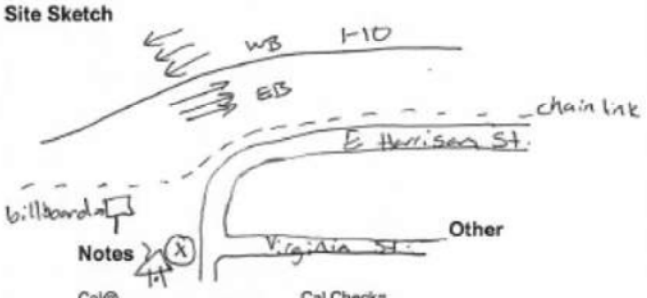
Temp 65°

Wind

Direction

RION/LD/N121# 1605-010

Site Sketch



#	Time Start	Description
1	11:15 am	
2	11:16	
3	11:17	
4	11:18	
5	11:19	
6	11:20	
7	11:21	ambulance siren on EB
8	11:22	
9	11:23	
10	11:24	
11	11:25	
12	11:26	
13	11:27	
14	11:28	
15	11:29	
16	11:30	
17	11:31	
18	11:32	
19	11:33	
20	11:34	
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		



1159 E Harrison

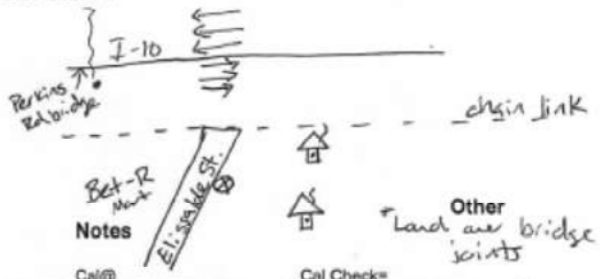
Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2285 Elissalde St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_004.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	11:24 AM	69.1	73.5		
2	11:25 AM	70.6	77.8		
3	11:26 AM	69.4	72.8		
4	11:27 AM	69.8	73.0		
5	11:28 AM	70.0	77.2		
6	11:29 AM	69.1	72.5		
7	11:30 AM	69.4	72.8		
8	11:31 AM	70.3	75.4		
9	11:32 AM	69.6	71.4		
10	11:33 AM	71.1	77.9		
11	11:34 AM	68.4	70.8		
12	11:35 AM	69.6	73.2		
13	11:36 AM	69.2	72.2		
14	11:37 AM	67.9	69.4		
15	11:38 AM	70.7	77.3		
16	11:39 AM	68.8	71.4		
17	11:40 AM	69.3	73.0		
18	11:41 AM	69.2	74.1		
19	11:42 AM	69.1	71.7		
20	11:43 AM	69.1	72.2	x	Slow down on EB lanes
21	11:44 AM	68.6	71.9	x	End Data
	Leq	**69.6**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18
Site Elissa Ide St.
Area Dead End, 2nd driveway
Address
Weather sunny
Temp 63°
Wind
Direction
Notes

Site Sketch



RION/LD/N121# 1605 - 0014 Cal@ Cal Check=

#	Time Start	Description
1	11:24:21 am	
2	11:25	
3	11:26	
4	11:27	
5	11:28	
6	11:29	
7	11:30	
8	11:31	
9	11:32	
10	11:33	
11	11:34	
12	11:35	
13	11:36	
14	11:37	
15	11:38	
16	11:39	
17	11:40	
18	11:41	
19	11:42	
20	11:43	slow down on EB lanes
21	11:44	
22	11:45	
23		
24		
25		
26		
27		
28		
29		
30		



2285 Elissalde St

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2244 Ebony St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_008.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	9:50 AM	71.1	78.4		
2	9:51 AM	70.6	76.8		
3	9:52 AM	71.0	73.2		
4	9:53 AM	73.5	81.7		
5	9:54 AM	72.6	75.2		
6	9:55 AM	71.8	75.7		
7	9:56 AM	71.7	74.5		
8	9:57 AM	73.1	78.6		
9	9:58 AM	72.0	76.0		
10	9:59 AM	71.8	74.9		
11	10:00 AM	72.2	77.6		
12	10:01 AM	72.3	74.9		
13	10:02 AM	73.4	79.6		
14	10:03 AM	72.4	76.8		
15	10:04 AM	72.3	80.2		
16	10:05 AM	72.4	75.3		
17	10:06 AM	71.9	74.0		
18	10:07 AM	72.3	76.1		
19	10:08 AM	75.4	86.7		
20	10:09 AM	71.6	74.3		
21	10:10 AM	72.2	74.1	x	End Data
	Leq	**72.4**			

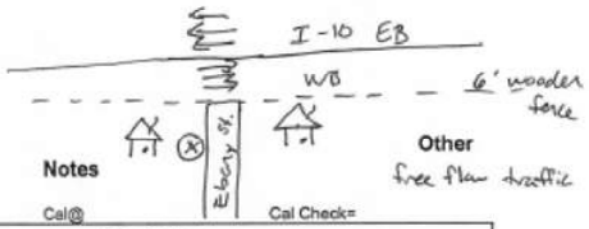
* unloading semi at Elissable St. location *

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18
Site Ebony St.
Area dead end residential
Address 2244 Ebony St.
Weather sunny
Temp 60°
Wind
Direction

Site Sketch



Notes

Other free flow traffic

RION/LD/N121# 1605 - 008 Cal@ Cal Check=

#	Time Start	Description
1	9:50 am	
2	9:51	
3	9:52	
4	9:53	
5	9:54	
6	9:55	
7	9:56	
8	9:57	
9	9:58	
10	9:59	
11	10:00	
12	10:01	
13	10:02	
14	10:03	
15	10:04	
16	10:05	
17	10:06	
18	10:07	
19	10:08	
20	10:09	
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		



2244 Ebony St

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1417 E Harrison St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_002.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	9:30 AM	72.1	77.8		
2	9:31 AM	71.7	76.0		
3	9:32 AM	71.0	72.7		
4	9:33 AM	72.5	78.0		
5	9:34 AM	71.3	75.7		
6	9:35 AM	70.6	72.0		
7	9:36 AM	71.5	75.1		
8	9:37 AM	71.9	74.7		
9	9:38 AM	70.5	72.6		
10	9:39 AM	72.6	80.2		
11	9:40 AM	72.7	79.7		
12	9:41 AM	70.9	73.3		
13	9:42 AM	71.7	77.4		
14	9:43 AM	71.3	75.6		
15	9:44 AM	71.9	74.4		
16	9:45 AM	70.6	73.6		
17	9:46 AM	69.3	71.1	x	
18	9:47 AM	69.7	71.9	x	
19	9:48 AM	70.2	74.4	x	
20	9:49 AM	67.7	71.6	x	traffic slow down to a crawl
21	9:50 AM	68.5	70.4	x	End Data
	Leq	**71.6**			

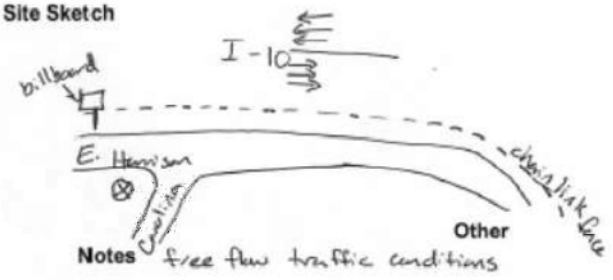
Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18
Site Carolina St.
Area Corner lot by picnic table
Address

Weather Sunny 57°
Temp
Wind

Site Sketch



Notes free flow traffic conditions

Direction

RION/LD/N121# 16605.002 Cal@ Cal Check=

#	Time Start	Description
1	9:30 am	
2	9:31	
3	9:32	
4	9:33	
5	9:34	
6	9:35	
7	9:36	
8	9:37	
9	9:38	
10	9:39	
11	9:40	
12	9:41	
13	9:42	
14	9:43	
15	9:44	
16	9:45	
17	9:46	
18	9:47	
19	9:48	
20	9:49	slow down to a crawl/stop traffic condition WB I-10
21	9:50	
22		
23		
24		
25		
26		
27		
28		
29		
30		

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**1417 E Harrison St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001605_LxT_1605_006.01**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	2:05 PM	67.9	72.1		
2	2:06 PM	67.6	70.5		
3	2:07 PM	68.5	72.5		
4	2:08 PM	71.1	78.6		
5	2:09 PM	68.9	76.8		
6	2:10 PM	67.0	71.4		
7	2:11 PM	68.8	74.1		
8	2:12 PM	71.4	77.7		
9	2:13 PM	68.9	75.1		
10	2:14 PM	69.6	75.4		
11	2:15 PM	67.4	69.6		
12	2:16 PM	69.7	75.3		
13	2:17 PM	69.5	74.4		
14	2:18 PM	70.3	76.7		
15	2:19 PM	68.0	70.6		
16	2:20 PM	67.7	71.5		
17	2:21 PM	73.8	84.9	x	(data anomaly)
18	2:22 PM	69.9	80.5		
19	2:23 PM	68.9	73.3		
20	2:24 PM	68.9	74.3		
21	2:25 PM	71.5	77.8	x	train whistle; End Data
Leq		**69.1**			

Noise Measurement Data Sheet

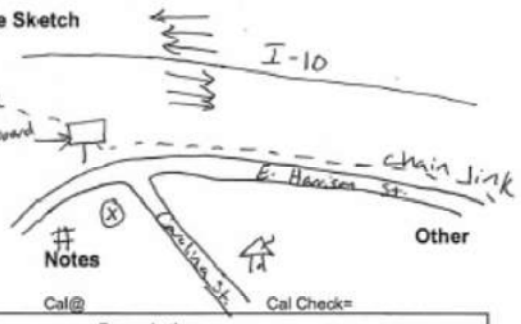
I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18
Site Carolina St.
Area vacant lot by the picnic table
Address

Weather sunny
Temp 67°
Wind

Direction
RION/LD/N121# 11605 - 0016

Site Sketch



Cal@ Cal Check=

#	Time Start	Description
1	2:05 pm	
2	2:06	
3	2:07	
4	2:08	
5	2:09	
6	2:10	
7	2:11	
8	2:12	
9	2:13	
10	2:14	
11	2:15	
12	2:16	
13	2:17	
14	2:18	
15	2:19	
16	2:20	
17	2:21	
18	2:22	
19	2:23	
20	2:24	
21	2:25	train whistle
22		
23		
24		
25		
26		
27		
28		
29		
30		



1417 E Harrison

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2643 Yazoo St**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_007.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	6:02 AM	72.2	73.2		
2	6:03 AM	72.7	76.6		
3	6:04 AM	72.6	74.4		
4	6:05 AM	72.8	74.7		
5	6:06 AM	73.5	82.3	x	Dog Barking
6	6:07 AM	71.5	72.9		
7	6:08 AM	73.0	73.9		
8	6:09 AM	72.8	73.8		
9	6:10 AM	72.1	73.7		
10	6:11 AM	73.0	75.0		
11	6:12 AM	71.7	73.4		
12	6:13 AM	71.6	73.0		
13	6:14 AM	71.9	73.6		
14	6:15 AM	72.7	80.4		
15	6:16 AM	72.0	73.1		
16	6:17 AM	72.2	73.1	x	End Data
	Leq	**72.3**			

Noise Measurement Data Sheet

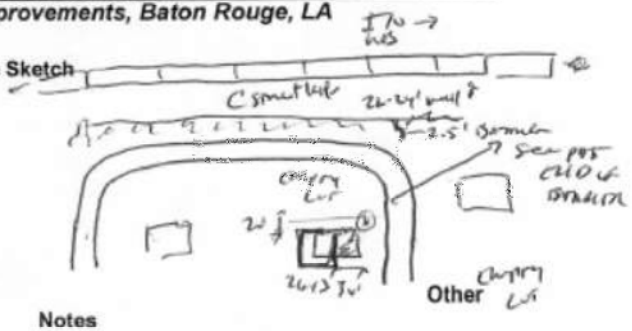
I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/21/18
Site
Area
Address 2643 Alton St.

Weather
Temp 48°F
Wind CALM => <3 / NNW

Direction
RION LD/N121# 1604

Site Sketch



Notes

Cal@ 114.0 Cal Check=

#	Time Start	Description
1	602	All I-10 NOISE
2	03	MUTE LD=77 IT LD=73
3	04	
4	605	
5	06	Dec Speeding
6	07	
7	08	
8	09	
9	610	Combination 72-73 w/ HTS audible
10	11	MUTE = CAR
11	12	Sheer of I-10 NO effect
12	13	
13	14	
14	615	Loud mute = 80
15	16	
16		
17		END DATA @ 617
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

LxT/604.007

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**2685 Balis Dr**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_006.03**				
Date:	**3/21/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	5:40 AM	67.6	69.3		
2	5:41 AM	68.4	69.7		
3	5:42 AM	67.3	68.6		
4	5:43 AM	68.6	70.1		
5	5:44 AM	67.8	69.3		
6	5:45 AM	67.8	68.9		
7	5:46 AM	67.0	68.7		
8	5:47 AM	66.7	68.0		
9	5:48 AM	67.1	68.5		
10	5:49 AM	67.8	69.5		
11	5:50 AM	66.6	68.1		
12	5:51 AM	67.0	68.0		
13	5:52 AM	67.2	68.7		
14	5:53 AM	67.5	68.7		
15	5:54 AM	68.0	69.1		
16	5:55 AM	68.2	68.5	x	End Data
	Leq	**67.5**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

I = WB =>

Date 3/21/18

Site

Area

Address Bannister (WB Side)

Weather

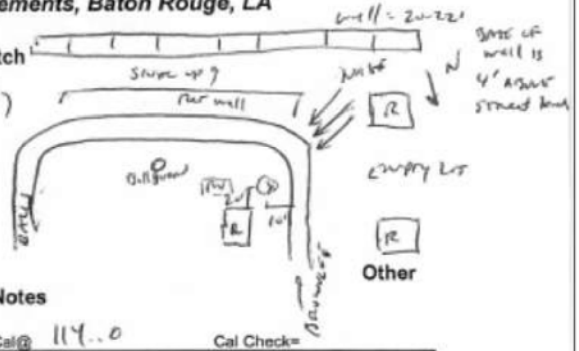
Temp 45°F, CLEAR

Wind 2-4 W

Direction

RION/LD/N121# 1604

Site Sketch



Notes

Cal@ 114.0 Cal Check=

#	Time Start	Description
1	540	FREEflow traffic / I-10 HT BSD "BANK" =68
2	41	consistent 67-68 HTS W to 69-70 HT WB=70
3	42	
4	43	All I-10 noise
5	44	
6	545	HT EB=68
7	46	
8	47	
9	48	mph - 62 /WB
10	49	consistent 67-69 from I-10
11	550	
12	51	
13	52	
14	53	Loud HT EB/WB BSD "BANK"
15	54	HT WB STACK = 69
16		
17		END DATA @ 555
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

LyT 1604.006

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**7210 Leyland Ct**				
Description:	**Single family residence**				
SLM Filename:	**SLM_0001604_LxT_1604_015.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	6:00 AM	63.8	65.5		
2	6:01 AM	64.2	66.4		
3	6:02 AM	63.7	66.1		
4	6:03 AM	65.4	67.5		
5	6:04 AM	64.6	67.2		
6	6:05 AM	64.3	67.4		
7	6:06 AM	64.3	66.7		
8	6:07 AM	64.2	65.6		
9	6:08 AM	64.8	66.9		
10	6:09 AM	66.1	70.0		
11	6:10 AM	63.6	66.5		
12	6:11 AM	64.6	67.6		
13	6:12 AM	64.2	66.0		
14	6:13 AM	64.9	67.0		
15	6:14 AM	65.6	69.7		
16	6:15 AM	63.3	63.9	x	End Data
Leq		**64.6**			

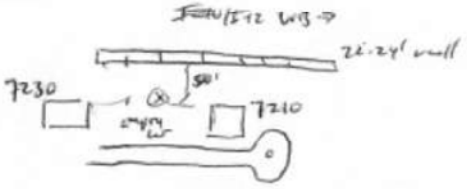
Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18
Site
Area
Address 7210 LOYLAND Ct.

Weather
Temp 45° F, CLEAR
Wind CALM
Direction

Site Sketch



Other

Notes

RION NL-31 SN121# 1604 Cal@ 114.0 Cal Check=

#	Time Start	Description
1	600	Free flow I-10 63-64 typically ~~[illegible]~~ hrs 65-66
2	01	
3	02	
4	03	Low vol = 61 dB, Several hrs @ once = 66-67
5	04	
6	605	
7	06	All I-12 move
8	07	
9	08	HT LO = 66-67
10	09	HT WB Stack = 68-69 At Accel / elevated → to South = 67-69 & No S/SE
11	610	
12	11	
13	12	I-12 typically 63-65 (I-10 ; Analysis available times low)
14	13	
15	14	Loud a/c vics = 68-69
16		
17		
18		END Data @ 6:15
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

Worst hour traffic is most available source

LxT 1604.015

Louisiana Department of Transportation & Development					
Project Name:	**I-10 Widening (LA 415 to Essen Lane) Baton Rouge, LA**				
Site:	**7607 Claret Dr**				
Description:	**Single Family Residence**				
SLM Filename:	**SLM_0001604_LxT_1604_016.02**				
Date:	**3/22/2018**				
Period #	**Time Start**	**Leq**	**Lmax**	**Delete?**	**Notes**
1	6:24 AM	64.0	64.7		
2	6:25 AM	64.9	67.3		
3	6:26 AM	64.9	66.8		
4	6:27 AM	64.9	66.0		
5	6:28 AM	65.3	69.7		
6	6:29 AM	64.6	66.7		
7	6:30 AM	65.1	67.7		
8	6:31 AM	64.9	66.1		
9	6:32 AM	64.8	65.7		
10	6:33 AM	65.9	67.3		
11	6:34 AM	66.0	67.4		
12	6:35 AM	65.9	67.1		
13	6:36 AM	65.4	66.5		
14	6:37 AM	66.1	67.9		
15	6:38 AM	65.6	67.2		
16	6:39 AM	66.0	66.6	x	End Data
	Leq	**65.3**			

Noise Measurement Data Sheet

I-10: LA415 to Essen Lane Improvements, Baton Rouge, LA

Date 3/22/18

Site

Area

Address 7607 CLARET DRIVE

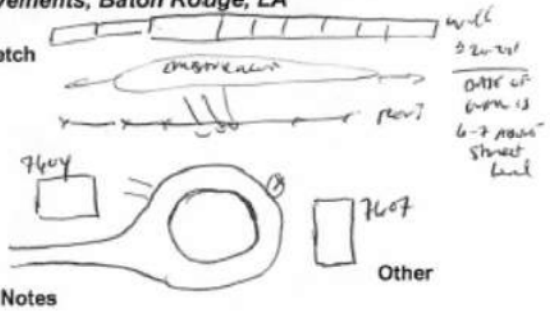
Weather

Temp 46°F

Wind CALM

Direction

Site Sketch



Notes

Other

RION/LxT/N121# 1604 Cal@ 114.0 Cal Check=

#	Time Start	Description
1	624	ALL I-12 NOISE
2	625	
3	21	
4	27	CRICKETS 64-65dB
5	28	
6	29	
7	630	LAWN MOW - 67-68
8	31	
9	32	
10	33	
11	34	
12	635	
13	36	TRAFFIC @ 64-66
14	37	HIT 70 5/35 - 67
15	38	
16		
17		
18		END DISC 639
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

LxT1604.016

Measurement Time --->		3/21/2018 0930-0950				3/21/2018 1030-1050				3/21/2018 1125-1145		
Receptor location --->		1853 Virginia St 1417 E Harrison St				1926 Maryland St 1159 E Harrison St E Polk BB Court				2285 Elissalde St 2280 Baywood Ave		
Traffic Count Location --->		10-085 I-10 EB btw Washington & Dalrymple	10-085 I-10 WB btw Washington & Dalrymple	Dalrymple On-ramp to I-10 WB	I-10 WB Off-ramp to McCalop	10-085 I-10 EB btw Washington & Dalrymple	10-085 I-10 WB btw Washington & Dalrymple	I-10 EB Off-ramp to Dalrymple	Braddock Street On-ramp to I-10 EB	10-085 I-10 EB btw Acadian & Dalrymple	10-085 I-10 WB btw Acadian & Dalrymple	Perkins Road On-ramp to I-10 WB
Count during meas. Period	Auto	1267	1326	21	36	1284	1254	29	94	1513	1360	143
	MT	32	34	0	0	47	43	1	1	49	47	0
	HT	203	146	0	2	202	160	0	3	170	151	0
	Bus	11	5	0	0	2	5	0	0	3	2	0
	Motorcycle	2	2	0	0	8	2	0	0	3	2	0
Count extrapolated to 1 hr	Auto	3801	3978	63	108	3852	3762	87	282	4539	4080	429
	MT	96	102	0	0	141	129	3	3	147	141	0
	HT	609	438	0	6	606	480	0	9	510	453	0
	Bus	33	15	0	0	6	15	0	0	9	6	0
	Motorcycle	6	6	0	0	24	6	0	0	9	6	0
# of lanes		3	3	1	1	3	3	1	1	3	3	1
Hourly Count *per lane*	Auto	1267	1326	63	108	1284	1254	87	282	1513	1360	429
	MT	32	34	0	0	47	43	3	3	49	47	0
	HT	203	146	0	6	202	160	0	9	170	151	0
	Bus	11	5	0	0	2	5	0	0	3	2	0
	Motorcycle	2	2	0	0	8	2	0	0	3	2	0

Measurement Time --->		3/21/2018 1225-1250		3/21/2018 1405-1425			3/21/2018 1440-1505		
Receptor location --->		2226 Estates Rd 2808 Fiero St 2012 Estates Rd		1854 Virginia St 1418 E Harrison St			1159 E Harrison St 1926 Maryland St		
Traffic Count Location --->		10-085 I-10 EB btw Acadian & Dalrymple	10-085 I-10 WB btw Acadian & Dalrymple	10-085 I-10 EB btw Washington & Dalrymple	10-085 I-10 WB btw Washington & Dalrymple	I-10 WB Off-ramp to McCalop	10-085 I-10 EB btw Washington & Dalrymple	10-085 I-10 WB btw Washington & Dalrymple	Braddock Street On-ramp to I-10 EB
Count during meas. Period	Auto	1750	1186	1505	1268	70	1593	1762	187
	MT	56	25	42	40	0	44	44	1
	HT	188	143	165	155	2	109	193	5
	Bus	4	2	11	6	1	10	3	5
	Motorcycle	2	0	3	1	0	5	1	0
Count extrapolated to 1 hr	Auto	4200	2846	4515	3804	210	3823	4229	449
	MT	134	60	126	120	0	106	106	2
	HT	451	343	495	465	6	262	463	12
	Bus	10	5	33	18	3	24	7	12
	Motorcycle	5	0	9	3	0	12	2	0
# of lanes		3	3	3	3	1	3	3	1
Hourly Count *per lane*	Auto	1400	949	1505	1268	210	1274	1410	449
	MT	45	20	42	40	0	35	35	2
	HT	150	114	165	155	6	87	154	12
	Bus	3	2	11	6	3	8	2	12
	Motorcycle	2	0	3	1	0	4	1	0

Measurement Time --->		3/22/2018 0950-1010			3/22/2018 1030-1050		3/22/2018 1115-1135		
Receptor location --->		2280 Baywood Ave 2244 Ebony St			2226 Estates Rd 2808 Fiero St 2012 Estates Rd		1926 Maryland St 1159 E Harrison St E Polk BB Court		
Traffic Count Location --->		10-085 I-10 EB btw Acadian & Dalrymple	10-085 I-10 WB btw Acadian & Dalrymple	Perkins Road On-ramp to I 10 WB	10-085 I-10 EB btw Acadian & Dalrymple	10-085 I-10 WB btw Acadian & Dalrymple	10-085 I-10 EB btw Washington & Dalrymple	10-085 I-10 WB btw Washington & Dalrymple	Braddock Street On-ramp to I-10 EB
Count during meas. Period	Auto	1247	1324	116	1288	1339	1474	1252	121
	MT	33	43	4	40	45	33	30	0
	HT	128	142	1	173	151	189	153	1
	Bus	4	6	0	3	2	2	1	0
	Motorcycle	0	5	0	2	0	2	6	0
Count extrapolated to 1 hr	Auto	3741	3972	348	3864	4017	4422	3756	363
	MT	99	129	12	120	135	99	90	0
	HT	384	426	3	519	453	567	459	3
	Bus	12	18	0	9	6	6	3	0
	Motorcycle	0	15	0	6	0	6	18	0
# of lanes		3	3	1	3	3	3	3	1
Hourly Count *per lane*	Auto	1247	1324	348	1288	1339	1474	1252	363
	MT	33	43	12	40	45	33	30	0
	HT	128	142	3	173	151	189	153	3
	Bus	4	6	0	3	2	2	1	0
	Motorcycle	0	5	0	2	0	2	6	0

Appendix B
Traffic Data for TNM Modeling

Project:	**I-10: LA415 to Essen Lane**
Parish:	**West Baton Rouge and East Baton Rouge**
PIN:	
Design Year	**2020**
Alternative:	**Existing/No-Build**
K-Factor	

Roadway	*From*	*To*	*Truck %*	*AM LOS D Traffic*				*PM LOS D Traffic*			
				AM Total	*Autos*	*MTs*	*HTs*	*PM Total*	*Autos*	*MTs*	*HTs*
Interstate											
I-10 Eastbound	LA415	LA1	24%	2,629	1,998	126	505	1,406	1,069	67	270
I-10 Westbound	LA415	LA1	24%	1,882	1,430	90	361	3,320	2,523	159	637
I-10 Eastbound	LA1	I-110/ I-10 split	24%	2,629	1,998	126	505	1,406	1,069	67	270
I-10 Westbound	LA1	I-110/ I-10 split	24%	1,882	1,430	90	361	3,320	2,523	159	637
I-110 SB to I-10 WB	I-110 SB split	I-10 WB merge	5%	3,265	3,102	33	131	3,205	3,045	32	128
I-110 SB to I-10 EB	I-110 SB split	I-10 EB merge	5%	3,090	2,936	31	124	3,145	2,988	31	126
I-10 EB to I-110 NB	I10 EB split	I-110 NB merge	5%	1,900	1,805	19	76	1,900	1,805	19	76
I-10 Eastbound	I-110 NB split	I-110 SB merge	24%	2,090	1,588	100	401	1,730	1,315	83	332
I-10 Westbound	I-110 NB split	I-110 SB merge	24%	2,100	1,596	101	403	2,500	1,900	120	480
I-110 Northbound	I-10 merge	North of Government St	5%	6,710	6,375	67	268	6,600	6,270	66	264
I-110 Southbound	North of Government St	I-10 split	5%	4,725	4,489	47	189	4,810	4,570	48	192
I-10 Eastbound	I-110 SB merge	Braddock/Washington St off ramp	15%	4,411	3,749	132	529	4,624	3,930	139	555
I-10 Eastbound	Braddock/Washington St off ramp	Braddock/Washington St on ramp	15%	5,039	4,283	151	605	3,753	3,190	113	450
I-10 Westbound	Washington St on ramp	I-110 NB split	15%	5,457	4,638	164	655	5,234	4,449	157	628
I-110 Northbound	I-10 split	I-10 merge	15%	4,935	4,195	148	592	4,850	4,123	146	582
I-10 Westbound b/w Washington ramps	wb off ramp to Washington	wb on ramp from Washington	15%	5,159	4,385	155	619	4,838	4,112	145	581
I-10 Eastbound	Braddock/Washington St on ramp	Dalrymple off ramp	15%	5,551	4,718	167	666	3,317	2,819	100	398
I-10 Westbound	Dalrymple on ramp	Washington St off ramp	15%	5,700	4,845	171	684	5,700	4,845	171	684
I-10 Eastbound	Dalrymple off ramp	Perkins Rd off ramp	15%	4,860	4,131	146	583	4,848	4,121	145	582
I-10 Westbound	Perkins Rd On ramp	Dalrymple off ramp	15%	5,260	4,471	158	631	5,200	4,420	156	624
I-10 Westbound	Dalrymple off ramp	Dalrymple on ramp	15%	5,440	4,624	163	653	5,464	4,644	164	656
I-10 Eastbound	Perkins Rd off ramp	Acadian off ramp	11%	5,029	4,476	111	443	4,701	4,184	103	414
I-10 Westbound	Acadian on ramp	Perkins Rd on ramp	11%	5,262	4,683	116	463	4,769	4,244	105	420
I-10 Eastbound	Acadian off ramp	Acadian on ramp	11%	4,883	4,346	107	430	4,596	4,090	101	404
I-10 Westbound	Acadian off ramp	Acadian on ramp	11%	5,114	4,551	113	450	4,580	4,076	101	403
I-10 Eastbound	Acadian on ramp	College off ramp	12%	6,148	5,410	148	590	5,981	5,263	144	574
I-10 Westbound	College on ramp	Acadian off ramp	12%	6,363	5,599	153	611	5,805	5,108	139	557
I-10 Eastbound	College off ramp	College on ramp	12%	6,148	5,410	148	590	5,981	5,263	144	574
I-10 Westbound	College off ramp	College on ramp	12%	5,663	4,983	136	544	4,452	3,918	107	427
I-10 Eastbound	College on ramp	I-10/I-12 split	12%	6,690	5,887	161	642	6,460	5,685	155	620
I-10 Westbound	I-10/I-12 merge	College off ramp	10%	6,897	6,207	138	552	5,773	5,196	115	462
I-10 Eastbound	I-10/I-12 split	I-12 WB to I-10EB ramp	10%	3,180	2,862	64	254	3,245	2,921	65	260
I-10 Westbound	I-12 EB off ramp	I-10/I-12 merge	10%	3,590	3,231	72	287	3,275	2,948	66	262
I-10 Eastbound	I-12 WB to I-10EB ramp	Essen Lane off ramp	10%	3,180	2,862	64	254	3,245	2,921	65	260
I-10 Westbound	I-12 EB off ramp	Essen Lane on ramp	10%	3,275	2,948	66	262	2,466	2,219	49	197
I-12 Eastbound	I-10/I-12 split	I-10 WB ramp to I-12 EB	12%	5,040	4,435	121	484	4,870	4,286	117	468
I-12 Westbound	I-10 EB off ramp	I-10/I-12 merge	12%	3,275	2,882	79	314	2,466	2,170	59	237
I-12 Eastbound	I-10 WB ramp to I-12 EB	Essen off ramp	12%	3,100	2,728	74	298	3,800	3,344	91	365
I-12 Westbound	Essen on ramp	I-12 WB to I-10 EB off ramp	12%	5,300	4,664	127	509	4,400	3,872	106	422
I-12 Eastbound	Essen off ramp	east of Essen Lane	12%	3,100	2,728	74	298	3,800	3,344	91	365
I-12 Westbound	Essen on ramp	east of Essen Lane	12%	5,300	4,664	127	509	4,400	3,872	106	422
Ramps											
I-10 WB on ramp	St Ferdinand St	I-10 WB	7%	300	279	4	17	300	279	4	17
I-10 EB off ramp	I-10 EB	Nicholson/Highland	5%	300	285	3	12	300	285	3	12
I-110 SB on ramp	10th St	I-110 SB/I-10 EB	2%	300	294	1	5	300	294	1	5
I-110 SB off ramp	I-110 SB	Government St	5%	600	570	6	24	600	570	6	24
I-110 NB on ramp	Government St	I-110 NB	5%	450	428	5	18	450	428	5	18
I-110 off ramp	I-110 NB	Government St	5%	450	428	5	18	450	428	5	18
I-10 EB off ramp	I-10 EB	Washington	5%	227	216	2	9	39	37	0	2
I-10 EB on ramp	Braddock/Washington St	I-10 EB	5%	512	486	5	20	870	827	9	35

Project:	**I-10: LA415 to Essen Lane**
Parish:	**West Baton Rouge and East Baton Rouge**
PIN:	
Design Year	**2020**
Alternative:	**Existing/No-Build**
K-Factor	

Roadway	*From*	*To*	*Truck %*	*AM LOS D Traffic*				*PM LOS D Traffic*			
				AM Total	*Autos*	*MTs*	*HTs*	*PM Total*	*Autos*	*MTs*	*HTs*
I-10 WB on ramp	Washington St	I-10 WB	2%	298	292	1	5	396	388	2	6
I-10 WB off ramp	I-10 WB	Dalrymple	2%	435	426	2	7	275	270	1	4
I-10 WB off ramp	I-10 WB	McCallop	1%	345	342	1	3	209	207	0	2
I-10 WB on ramp	Perkins	I-10 WB	2%	748	733	3	12	525	515	2	8
I-10 EB off ramp	I-10 EB	Perkins	2%	327	320	1	5	147	144	1	2
I-10 WB on ramp	Dalrymple	I-10 WB	1%	260	257	1	2	236	234	0	2
I-10 EB off ramp	I-10 EB	Dalrymple	2%	174	171	1	3	71	70	0	1
I-10 WB onramp	Acadian	I-10 WB	2%	148	145	1	2	189	185	1	3
I-10 WB off ramp	I-10 WB	Acadian	2%	1,249	1,224	5	20	1,225	1,201	5	20
I-10 EB off ramp	I-10 EB	Acadian	2%	146	143	1	2	105	103	0	2
I-10 EB on ramp	Acadian	I-10 EB	2%	1,265	1,240	5	20	1,385	1,357	6	22
I-10 WB on ramp	College	I-10 WB	2%	456	447	2	7	359	352	1	6
I-10 WB off ramp	I-10 WB	College	2%	1,234	1,209	5	20	1,321	1,295	5	21
I-10 EB off ramp	I-10 EB	College	2%	1,234	1,209	5	20	1,321	1,295	5	21
I-10 EB on ramp	College	I-10 EB	2%	456	447	2	7	359	352	1	6
I-10 WB on ramp	Essen Ln	I-10 WB	2%	620	608	2	10	694	680	3	11
I-10 EB off ramp	I-10 EB	Essen Ln	2%	600	588	2	10	600	588	2	10
I-12 WB on ramp	Essen Ln	I-12 WB	2%	600	588	2	10	600	588	2	10
I-12 EB off ramp	I-12 EB	Essen Ln	2%	600	588	2	10	600	588	2	10
I-12 WB to I-10 EB	I-12 WB	I-10 EB	10%	1,862	1,676	37	149	1,413	1,272	28	113
I-10 WB to I-12 EB	I-10 WB	I-12 EB	10%	491	442	10	39	898	808	18	72
Local Roads											
Government St (EB)			2%	668	655	3	11	668	655	3	11
Government St (WB)			2%	635	622	3	10	635	622	3	10
Dalrymple Dr nb			1%	426	422	1	3	595	589	1	5
Dalrymple Dr sb (b/w ramps)			1%	664	657	1	5	532	527	1	4
Dalrymple Dr sb (south of eb off ramp)			1%	812	804	2	6	592	586	1	5
Washington St east of I10			1%	470	465	1	4	182	180	0	1
Washington St west of I10			1%	545	540	1	4	596	590	1	5
Perkins Rd wb			1%	504	499	1	4	628	622	1	5
Perkins Rd eb			1%	606	600	1	5	973	963	2	8
Acadian (NB) S of I-10	Perkins	eb on ramp	1%	1,187	1,175	2	9	1,350	1,337	3	11
Acadian (SB) S of I-10	eb off ramp	Perkins	1%	1,200	1,188	2	10	1,219	1,207	2	10
Acadian (NB) N of I-10	eb on ramp	wb off ramp	1%	550	545	1	4	575	569	1	5
Acadian (NB) N of I-10	wb off ramp	Bawell	1%	1,154	1,142	2	9	1,191	1,179	2	10
Acadian (SB) N of I-10	Bawell	wb on ramp	1%	1,131	1,120	2	9	1,318	1,305	3	11
Acadian (SB) N of I-10	wb on ramp	eb off ramp	1%	1,628	1,612	3	13	1,738	1,721	3	14
College Dr NB (S of I-10)			2%	1,259	1,234	5	20	1,329	1,302	5	21
College Dr SB (S of I-10)			2%	1,867	1,830	7	30	1,498	1,468	6	24
College Dr NB (N of I-10)			2%	1,905	1,867	8	30	1,329	1,302	5	21
College Dr SB (N of I-10)			2%	1,269	1,244	5	20	1,498	1,468	6	24

Project:	**I-10: LA415 to Essen Lane**
Parish:	**West Baton Rouge and East Baton Rouge**
Design Year	**2040 LOS D**
Alternative:	**Build**

Roadway	*From*	*To*	*Truck %*	*LOS D*			
				Total	*Autos*	*MTs*	*HTs*
Interstates							
I-10 Eastbound	LA415	LA1	24%	3,977	3,023	191	764
I-10 Westbound	LA415	LA1	24%	3,847	2,924	185	739
I-10 Eastbound	LA1	I-110/ I-10 split	24%	3,977	3,023	191	764
I-10 Westbound	LA1	I-110/ I-10 split	24%	3,847	2,924	185	739
I-110 SB to I-10 WB	I-110 SB split	I-10 WB merge	5%	2,405	2,285	24	96
I-110 SB to I-10 EB	I-110 SB split	I-10 EB merge	5%	2,405	2,285	24	96
I-10 EB to I-110 NB	I10 EB split	I-110 NB merge	5%	1,300	1,235	13	52
I-10 Eastbound	I-110 NB split	I-110 SB merge	24%	2,600	1,976	125	499
I-10 Westbound	I-110 NB split	I-110 SB merge	24%	2,600	1,976	125	499
I-110 Northbound	I-10 split	North of Government St	5%	5,475	5,201	55	219
I-110 Southbound	I-10 merge	North of Government St	5%	4,810	4,570	48	192
I-10 Eastbound	I-110 SB merge	Braddock/Washington St on ramp	15%	5,367	4,562	161	644
I-10 Westbound	I-110 NB merge	Washington St on ramp	15%	6,934	5,894	208	832
I-10 Eastbound	Braddock/Washington St on ramp	Dalrymple off ramp	15%	5,698	4,843	171	684
I-10 Westbound	Washington St on ramp	Dalrymple on ramp	15%	6,720	5,712	202	806
I-10 Eastbound	Dalrymple off ramp	east of lake	15%	4,860	4,131	146	583
I-10 Westbound	Dalrymple on ramp	east of lake	15%	5,260	4,471	158	631
I-10 Eastbound	east of lake	Acadian off ramp	11%	4,848	4,315	107	427
I-10 Westbound	east of lake	Acadian on ramp	11%	5,200	4,628	114	458
I-10 Eastbound	Acadian off ramp	Acadian on ramp	11%	4,300	3,827	95	378
I-10 Westbound	Acadian on ramp	Acadian off ramp	11%	5,600	4,984	123	493
I-10 Eastbound	Acadian on ramp	College off ramp	12%	6,600	5,808	158	634
I-10 Westbound	Acadian off ramp	College on ramp	12%	7,000	6,160	168	672
I-10 Eastbound	College off ramp	College on ramp	12%	5,400	4,752	130	518
I-10 Westbound	College on ramp	I-10/I-12 merge	12%	7,000	6,160	168	672
I-10 Eastbound	College on ramp	I-10/I-12 split	12%	8,360	7,357	201	803
I-10 Westbound	I-10/I-12 merge	College off ramp	10%	3,500	3,150	70	280
I-10 Eastbound	I-10/I-12 split	I-12 WB to I-10EB ramp	10%	4,890	4,401	98	391
I-10 Westbound	College off ramp	I-12 EB off ramp	10%	3,537	3,183	71	283
I-10 Eastbound	I-12 WB to I-10EB ramp	Essen Lane	10%	4,890	4,401	98	391
I-10 Westbound	I-12 EB off ramp	Essen Lane	10%	3,590	3,231	72	287
I-12 Eastbound	I-10/I-12 split	I-10 WB ramp to I-12 EB	12%	4,890	4,303	117	469
I-12 Westbound	I-10/I-12 merge	I-10 EB off ramp	12%	3,530	3,106	85	339

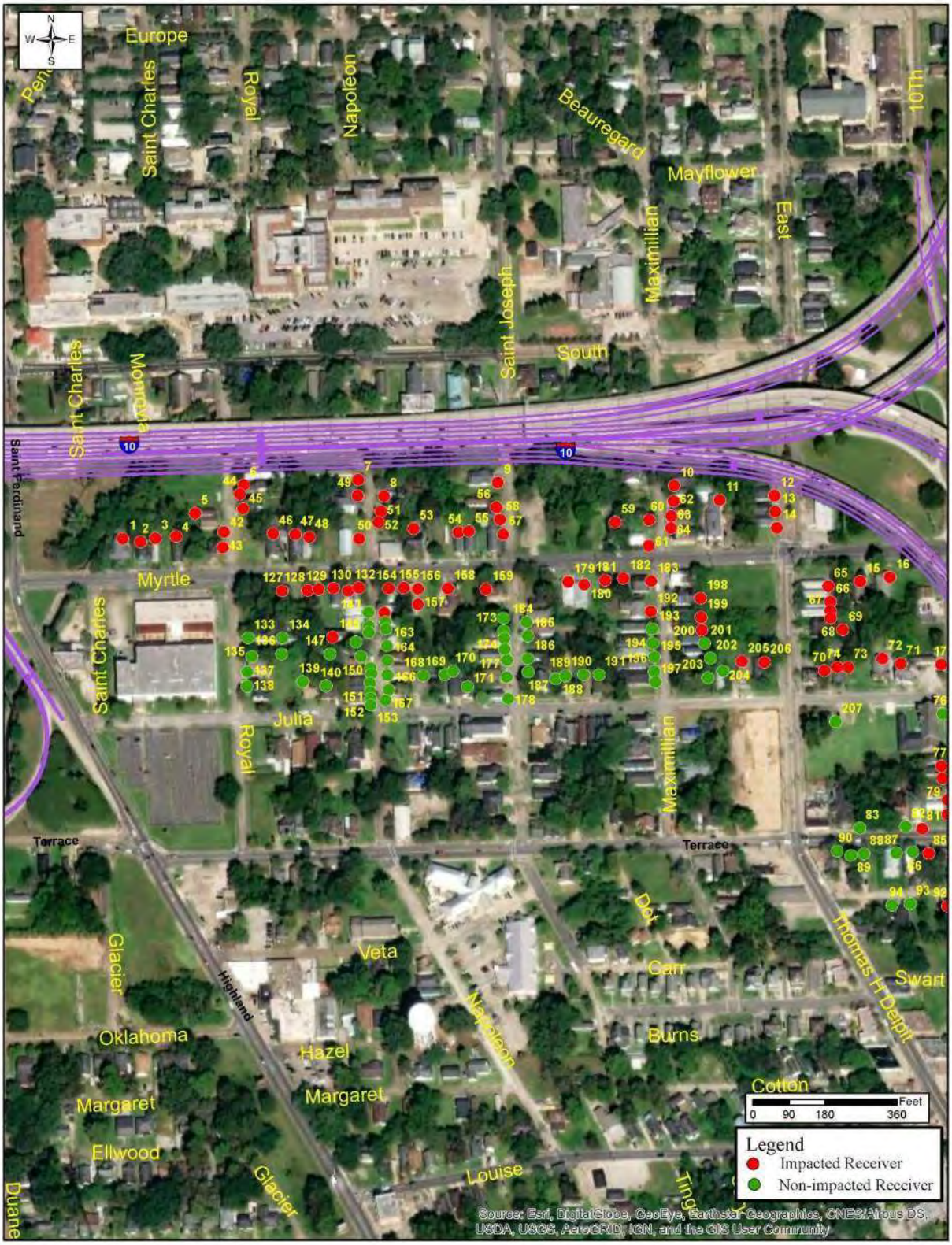
Project:	**I-10: LA415 to Essen Lane**
Parish:	**West Baton Rouge and East Baton Rouge**
Design Year	**2040 LOS D**
Alternative:	**Build**

Roadway	*From*	*To*	*Truck %*	*LOS D*			
				Total	*Autos*	*MTs*	*HTs*
I-12 Eastbound	I-10 WB ramp to I-12 EB	Essen off ramp	12%	5,040	4,435	121	484
I-12 Westbound	I-12 WB to I-10 EB off ramp	Essen on ramp	12%	3,530	3,106	85	339
I-12 Eastbound	Essen off ramp	east of Essen Lane	12%	5,040	4,435	121	484
I-12 Westbound	Essen on ramp	east of Essen Lane	12%	3,537	3,113	85	340
		Ramps					
I-10 WB on ramp	St Ferdinand St	I-10 WB	7%	300	279	4	17
I-10 EB off ramp	I-10 EB	Nicholson/Highland	5%	300	285	3	12
I-110 SB on ramp	10th St	I-110 SB/I-10 EB	2%	300	294	1	5
I-110 SB off ramp	I-110 SB	Government St	5%	600	570	6	24
I-110 NB on ramp	Government St	I-110 NB	5%	450	428	5	18
I-110 off ramp	I-110 NB	Government St	5%	450	428	5	18
I-10 EB off ramp	I-10 EB	Braddock St	5%	263	250	3	11
I-10 EB on ramp	Braddock/Washington St	I-10 EB	5%	600	570	6	24
I-10 WB on ramp	Washington St	I-10 WB	2%	459	450	2	7
I-10 WB off ramp	I-10 WB	Dalrymple/Washington	2%	848	831	3	14
I-10 WB off ramp	Dalrymple/Washington	Dalrymple	1%	448	444	1	4
I-10 WB off ramp	Dalrymple/Washington	Washington	2%	400	392	2	6
I-10 WB on ramp	Dalrymple	I-10 WB	1%	268	265	1	2
I-10 WB onramp	Acadian	I-10 WB	2%	1,028	1,007	4	16
I-10 WB off ramp	I-10 WB	Acadian	2%	1,299	1,273	5	21
I-10 EB off ramp	I-10 EB	Acadian	2%	515	505	2	8
I-10 EB on ramp	Acadian	I-10 EB	2%	1,440	1,411	6	23
I-10 WB on ramp	College	I-10 WB	2%	456	447	2	7
I-10 WB off ramp	I-10 WB	College	2%	650	637	3	10
I-12 WB off ramp	I-12 WB	College	2%	650	637	3	10
I-10 EB off ramp	I-10 EB	College NB	2%	515	505	2	8
I-10 EB off ramp	I-10 EB	College SB	2%	515	505	2	8
I-10 EB on ramp	College	I-10 EB	2%	600	588	2	10
I-10 WB on ramp	Essen Ln	I-10 WB	2%	600	588	2	10
I-10 WB off ramp	I-10 WB	Essen Ln	2%	600	588	2	10
I-10 EB off ramp	I-10 EB	Essen Ln	2%	600	588	2	10
I-10 EB on ramp	Essen Ln	I-10 EB	2%	600	588	2	10
I-12 WB on ramp	Essen Ln	I-12 WB	2%	600	588	2	10

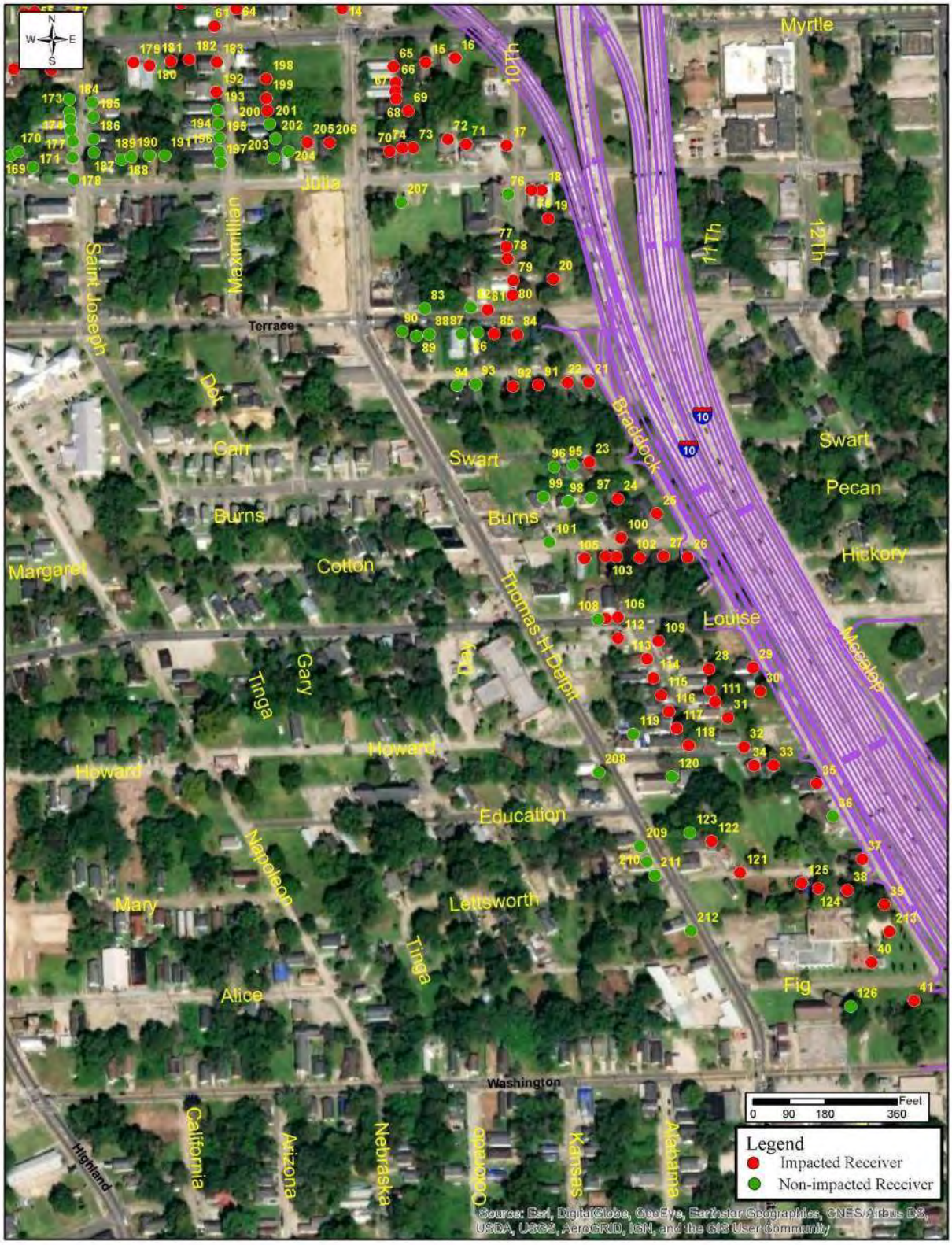
Project:	**I-10: LA415 to Essen Lane**
Parish:	**West Baton Rouge and East Baton Rouge**
Design Year	**2040 LOS D**
Alternative:	**Build**

Roadway	*From*	*To*	*Truck %*	*LOS D*			
				Total	*Autos*	*MTs*	*HTs*
I-12 WB off ramp	I-12 WB	Essen Ln	2%	600	588	2	10
I-12 EB off ramp	I-12 EB	Essen Ln	2%	600	588	2	10
I-12 EB on ramp	Essen Ln	I-12 EB	2%	600	588	2	10
I-12 WB to I-10 EB			10%	600	540	12	48
I-10 WB to I-12 EB			10%	600	540	12	48
Local Roads							
Government St (EB)			2%	668	655	3	11
Government St (WB)			2%	635	622	3	10
McCallop St			2%	395	387	2	6
Braddock St			2%	225	221	1	4
Washington to Dalrymple	Washington St (local)	Dalrymple Dr	1%	200	198	0	2
Dalrymple Dr (each dir)	Dalrymple Dr	Between ramps	1%	500	495	1	4
Dalrymple to Washington	Dalrymple Dr	Washington Dr	1%	300	297	1	2
Washington St	East of I-10		1%	299	296	1	2
Washington St	West of I-10		1%	345	342	1	3
E Lakeshore Drive			1%	142	141	0	1
Perkins Rd (both directions)			1%	2,221	2,199	4	18
Acadian (NB) S of I-10	Perkins	I-10	1%	1,350	1,337	3	11
Acadian (SB) S of I-10	I-10	Perkins	1%	1,736	1,719	3	14
Acadian (NB) N of I-10	I-10	Bawell	1%	1,034	1,024	2	8
Acadian (SB) N of I-10	Bawell	I-10	1%	1,117	1,106	2	9
College Dr NB (S of I-10)			2%	1,259	1,234	5	20
College Dr SB (S of I-10)			2%	1,867	1,830	7	30
College Dr NB (N of I-10)			2%	1,905	1,867	8	30
College Dr SB (N of I-10)			2%	1,494	1,464	6	24

Appendix C
Noise Prediction Results and Impacts


Europe
Saint Charles
Royal
Napoleon
Beauregard
Mayflower
East
10Th
Maximilian
Saint Joseph
South
Saint Charles
Monroe
10
Saint Ferdinand
Myrtle
Saint Charles
Julia
Royal
Maximilian
Terrace
Terrace
Dot
Carr
Thomas H Dent
Swart
Glacier
Highland
Veta
Napoleon
Oklahoma
Hazel
Burns
Cotton
Margaret
Margaret
Ellwood
Glacier
Louise
Duane
Feet
0 90 180 360
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB1 (1 of 2)


Myrtle
10Th
11Th
12Th
Julia
Saint Joseph
Maximillian
Terrace
Det
Carr
Swart
Burns
Cotton
Margaret
Braddock
Pecan
Hickory
Louise
Thomas H Delpit
Ked
Gary
Tinga
Howard
Education
Napoleon
Mary
Lettsworth
Alice
Fig
Washington
Highland
California
Arizona
Nebraska
Colorado
Kansas
Alabama
Mecalop
Feet
0 90 180 360
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB1 (2 of 2)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	EB1
Description:	South of I-10, between the Mississippi River and East Washington Street
Design Year:	2040
Alternative:	Build
Total Receptors	213

IMPACTS (w/barrier)	
Category B Impacts	*128*
Category C Impacts	*2*
Category D Impacts	*0*
Category E Impacts	*0*
Total Impacts	*130*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	513 Myrtle St	1	B	Yes	160	71.1	71.0	-0.1	Yes	No	Yes	1
2	515 Myrtle St	1	B	Yes	170	71.1	70.9	-0.2	Yes	No	Yes	1
3	517 Myrtle St	1	B	Yes	164	71.1	71.0	-0.1	Yes	No	Yes	1
4	521 Myrtle St	1	B	Yes	158	71.3	71.2	-0.1	Yes	No	Yes	1
5	958 Royal St	1	B	Yes	103	72.0	71.8	-0.2	Yes	No	Yes	1
6	941 Royal St	1	B	Yes	35	75.3	74.1	-1.2	Yes	No	Yes	1
7	928 Napolean St	1	B	Yes	31	75.3	74.2	-1.1	Yes	No	Yes	1
8	921 Napolean St	1	B	Yes	74	73.9	73.7	-0.2	Yes	No	Yes	1
9	940 St Joseph St	1	B	Yes	50	73.6	73.2	-0.4	Yes	No	Yes	1
10	943 Maximilian St	1	B	Yes	36	75.8	75.9	0.1	Yes	No	Yes	1
11	917 Myrtle St	1	B	Yes	62	74.4	74.1	-0.3	Yes	No	Yes	1
12	926 East Blvd	1	B	Yes	28	76.4	75.0	-1.4	Yes	No	Yes	1
13	928 East Blvd	1	B	Yes	65	74.0	73.3	-0.7	Yes	No	Yes	1
14	940 East Blvd	1	B	Yes	103	72.3	71.3	-1.0	Yes	No	Yes	1
15	972 Myrtle St	1	B	Yes	124	72.7	72.1	-0.6	Yes	No	Yes	1
16	982 Myrtle St	1	B	Yes	65	74.8	74.4	-0.4	Yes	No	Yes	1
17	1150 S 10th St	1	B	Yes	95	73.8	73.3	-0.5	Yes	No	Yes	1
18	1004 Julia St	1	B	Yes	56	74.3	73.4	-0.9	Yes	No	Yes	1
19	1215 S 10th St	1	B	Yes	60	72.8	73.1	0.3	Yes	No	Yes	1
20	1239 S 10th St	1	B	Yes	88	73.9	72.4	-1.5	Yes	No	Yes	1
21	1014 Senette St	1	B	Yes	67	74.8	72.6	-2.2	Yes	No	Yes	1
22	970 Senette St	1	B	Yes	117	72.8	70.3	-2.5	Yes	No	Yes	1
23	946 Swart St	1	B	Yes	173	72.3	69.3	-3.0	Yes	No	Yes	1
24	951 Burns Dr	1	B	Yes	155	72.3	69.4	-2.9	Yes	No	Yes	1
25	967 Cotton St	1	B	Yes	87	73.8	72.3	-1.5	Yes	No	Yes	1
26	1004 Cotton St	1	B	Yes	72	74.2	73.6	-0.6	Yes	No	Yes	1
27	978 Cotton St	1	B	Yes	123	73.1	71.5	-1.6	Yes	No	Yes	1
28	1523 Utah St	1	B	Yes	165	70.7	70.0	-0.7	Yes	No	Yes	1
29	1510 Braddock St	1	B	Yes	66	73.3	73.1	-0.2	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	1538 Braddock St	1	B	Yes	80	72.5	72.5	0.0	Yes	No	Yes	1
31	1567 Utah St	1	B	Yes	157	70.4	69.7	-0.7	Yes	No	Yes	1
32	1591 Utah St	1	B	Yes	158	70.4	69.7	-0.7	Yes	No	Yes	1
33	936 Howard St	1	B	Yes	112	71.2	70.7	-0.5	Yes	No	Yes	1
34	924 Howard St	1	B	Yes	156	70.2	69.5	-0.7	Yes	No	Yes	1
35	1616 Braddock St	1	B	Yes	40	74.4	74.8	0.4	Yes	No	Yes	1
36	Fairview Baptist Ch (no ext use)	1	D	Yes	44	49.3	49.8	0.5	No	No	No	0
37	937 Lettsworth St	1	B	Yes	66	73.4	73.2	-0.2	Yes	No	Yes	1
38	946 Lettsworth St	1	B	Yes	141	71.0	70.4	-0.6	Yes	No	Yes	1
39	1704 Braddock St	1	B	Yes	82	73.2	72.2	-1.0	Yes	No	Yes	1
40	Baranco Clark YMCA Playground	1	C	Yes	187	69.2	67.4	-1.8	Yes	No	Yes	1
41	968 Fig St	1	B	Yes	153	71.2	70.0	-1.2	Yes	No	Yes	1
42	962 Royal St	1	B	N	150	71.3	71.1	-0.2	Yes	No	Yes	1
43	525 Myrtle St	1	B	N	189	69.3	69.6	0.3	Yes	No	Yes	1
44	931 Royal St	1	B	N	58	73.9	73.1	-0.8	Yes	No	Yes	1
45	953 Royal St	1	B	N	94	72.9	72.9	0.0	Yes	No	Yes	1
46	605 Myrtle St	1	B	N	160	71.5	72.0	0.5	Yes	No	Yes	1
47	607 Myrtle St	1	B	N	163	71.4	72.1	0.7	Yes	No	Yes	1
48	609 Myrtle St	1	B	N	170	71.3	71.9	0.6	Yes	No	Yes	1
49	932 Napolean St	1	B	N		70.3	70.1	-0.2	Yes	No	Yes	1
50	1038 Napolean St	1	B	N		68.8	69.5	0.7	Yes	No	Yes	1
51	923 Napolean St	1	B	N		70.6	70.2	-0.4	Yes	No	Yes	1
52	933 Napolean St	1	B	N		69.9	70.4	0.5	Yes	No	Yes	1
53	705 Myrtle St	1	B	N		69.9	70.5	0.6	Yes	No	Yes	1
54	709 Myrtle St	1	B	N		69.8	70.4	0.6	Yes	No	Yes	1
55	713 Myrtle St	1	B	N		69.8	70.4	0.6	Yes	No	Yes	1
56	952 St Joseph St	1	B	N		69.8	69.2	-0.6	Yes	No	Yes	1
57	715 Myrtle St	1	B	N		69.1	69.2	0.1	Yes	No	Yes	1
58	956 St Joseph St	1	B	N		69.5	69.3	-0.2	Yes	No	Yes	1
59	837 Myrtle St	1	B	N		70.6	70.4	-0.2	Yes	No	Yes	1
60	958 Maximillian St	1	B	N		70.3	70.1	-0.2	Yes	No	Yes	1
61	964 Maximillian St	1	B	N		68.4	67.6	-0.8	Yes	No	Yes	1
62	963 Maximillian St	1	B	N		70.9	70.8	-0.1	Yes	No	Yes	1
63	965 Maximillian St	1	B	N		70.1	70.1	0.0	Yes	No	Yes	1
64	969 Maximillian St	1	B	N		69.6	69.4	-0.2	Yes	No	Yes	1
65	1103 Thomas H Delpit Dr	1	B	N		69.6	68.6	-1.0	Yes	No	Yes	1
66	1105 Thomas H Delpit Dr	1	B	N		68.4	67.7	-0.7	Yes	No	Yes	1
67	1107 Thomas H Delpit Dr	1	B	N		69.0	68.2	-0.8	Yes	No	Yes	1
68	1109 Thomas H Delpit Dr	1	B	N		68.9	68.0	-0.9	Yes	No	Yes	1
69	1117 Thomas H Delpit Dr	1	B	N		69.1	68.3	-0.8	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
70	1131 Thomas H Delpit Dr	1	B	N		67.4	66.5	-0.9	Yes	No	Yes	1
71	991 Julia St	1	B	N		70.3	69.5	-0.8	Yes	No	Yes	1
72	981 Julia St	1	B	N		69.8	69.1	-0.7	Yes	No	Yes	1
73	967 Julia St	1	B	N		68.3	67.5	-0.8	Yes	No	Yes	1
74	965 Julia St	1	B	N		68.0	67.3	-0.7	Yes	No	Yes	1
75	1002 Julia St	1	B	N		71.0	69.7	-1.3	Yes	No	Yes	1
76	Progressive Bapt Ch (Cat D)	1	D	N		45.2	44.0	-1.2	No	No	No	0
77	1226 S 10th St	1	B	N		69.9	68.0	-1.9	Yes	No	Yes	1
78	1228 S 10th St	1	B	N		70.1	68.1	-2.0	Yes	No	Yes	1
79	1232 S 10th St	1	B	N		70.2	68.1	-2.1	Yes	No	Yes	1
80	1234 S 10th St	1	B	N		69.9	67.9	-2.0	Yes	No	Yes	1
81	979 Terrace St	1	B	N		68.0	66.0	-2.0	Yes	No	Yes	1
82	975 S Terrace St	1	B	N		66.7	65.0	-1.7	No	No	No	0
83	963 Terrace St	1	B	N		65.3	64.0	-1.3	No	No	No	0
84	988 Terrace St	1	B	N		69.0	66.3	-2.7	Yes	No	Yes	1
85	980 Terrace St	1	B	N		68.0	65.7	-2.3	Yes	No	Yes	1
86	976 Terrace St	1	B	N		67.1	65.0	-2.1	No	No	No	0
87	970 Terrace St	1	B	N		66.4	64.5	-1.9	No	No	No	0
88	960 Terrace St	1	B	N		65.2	63.9	-1.3	No	No	No	0
89	954 Terrace St	1	B	N		64.5	63.2	-1.3	No	No	No	0
90	952 Terrace St	1	B	N		63.4	61.8	-1.6	No	No	No	0
91	946 Senette St	1	B	N		69.7	66.5	-3.2	Yes	No	Yes	1
92	918 Senette St	1	B	N		68.5	65.7	-2.8	Yes	No	Yes	1
93	862 Senette St	1	B	N		67.0	64.7	-2.3	No	No	No	0
94	850 Senette St	1	B	N		66.3	64.2	-2.1	No	No	No	0
95	920 Swart St	1	B	N		69.4	64.5	-4.9	No	No	No	0
96	912 Swart St	1	B	N		68.4	64.1	-4.3	No	No	No	0
97	931 Burns Dr	1	B	N		68.6	64.6	-4.0	No	No	No	0
98	877 Burns Dr	1	B	N		65.8	63.2	-2.6	No	No	No	0
99	855 Burns Dr	1	B	N		64.3	63.3	-1.0	No	No	No	0
100	955 Cotton St	1	B	N		68.3	66.4	-1.9	Yes	No	Yes	1
101	837 Cotton St	1	B	N		65.1	64.0	-1.1	No	No	No	0
102	964 Cotton St	1	B	N		70.1	68.0	-2.1	Yes	No	Yes	1
103	922 Cotton St	1	B	N		69.0	67.1	-1.9	Yes	No	Yes	1
104	906 Cotton St	1	B	N		68.5	66.6	-1.9	Yes	No	Yes	1
105	876 Cotton St	1	B	N		67.3	65.5	-1.8	Yes	No	Yes	1
106	855 Louise St	1	B	N		67.6	66.3	-1.3	Yes	No	Yes	1
107	853 Louise St	1	B	N		66.9	65.7	-1.2	Yes	No	Yes	1
108	851 Louise St	1	B	N		66.5	65.4	-1.1	No	No	No	0
109	926 Louise St	1	B	N		67.2	66.4	-0.8	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
110	1541 Utah St	1	B	N		68.8	67.8	-1.0	Yes	No	Yes	1
111	1555 Utah St	1	B	N		68.8	67.7	-1.1	Yes	No	Yes	1
112	864 Louise St	1	B	N		66.9	66.2	-0.7	Yes	No	Yes	1
113	1520 Utah St	1	B	N		67.1	66.4	-0.7	Yes	No	Yes	1
114	1530 Utah St	1	B	N		66.9	66.4	-0.5	Yes	No	Yes	1
115	1542 Utah St	1	B	N		66.9	66.4	-0.5	Yes	No	Yes	1
116	1550 Utah St	1	B	N		66.7	66.3	-0.4	Yes	No	Yes	1
117	1558 Utah St	1	B	N		66.5	66.2	-0.3	Yes	No	Yes	1
118	1564 Utah St	1	B	N		66.6	66.3	-0.3	Yes	No	Yes	1
119	1567 Thomas H Delpit Dr	1	B	N		63.5	63.4	-0.1	No	No	No	0
120	New Jerusalem Bapt Church (no ext use)	1	D	N		39.7	39.0	-0.7	No	No	No	0
121	831 Lettsworth Dr	1	B	N		65.7	66.0	0.3	Yes	No	Yes	1
122	1669 Thomas H Delpit Dr	1	B	N		65.8	65.8	0.0	Yes	No	Yes	1
123	1649 Thomas H Delpit Dr	1	B	N		64.6	64.6	0.0	No	No	No	0
124	928 Lettsworth Dr	1	B	N		67.7	67.0	-0.7	Yes	No	Yes	1
125	912 Lettsworth Dr	1	B	N		67.1	66.7	-0.4	Yes	No	Yes	1
126	Neeley UM Church (no ext)	1	D	N		43.1	41.7	-1.4	No	No	No	0
127	606 Myrtle St	1	B	N		67.1	67.6	0.5	Yes	No	Yes	1
128	608 Myrtle St	1	B	N		67.2	67.7	0.5	Yes	No	Yes	1
129	610 Myrtle St	1	B	N		67.3	67.7	0.4	Yes	No	Yes	1
130	614 Myrtle St	1	B	N		67.3	67.8	0.5	Yes	No	Yes	1
131	616 Myrtle St	1	B	N		67.2	67.8	0.6	Yes	No	Yes	1
132	618 Myrtle St	1	B	N		67.2	67.8	0.6	Yes	No	Yes	1
133	1121 Royal St	1	B	N		64.5	65.1	0.6	No	No	No	0
134	1123 Royal St	1	B	N		64.6	65.3	0.7	No	No	No	0
135	1125 Royal St	1	B	N		61.7	62.6	0.9	No	No	No	0
136	1127 Royal St	1	B	N		59.4	61.1	1.7	No	No	No	0
137	1129 Royal St	1	B	N		62.1	63.6	1.5	No	No	No	0
138	601 Julia St	1	B	N		60.2	61.1	0.9	No	No	No	0
139	627 Julia St	1	B	N		61.1	62.3	1.2	No	No	No	0
140	635 Julia St	1	B	N		61.1	62.3	1.2	No	No	No	0
141	1110 Napolean St	1	B	N		64.6	64.9	0.3	No	No	No	0
142	1114 Napolean St	1	B	N		63.8	64.4	0.6	No	No	No	0
143	1116 Napolean St	1	B	N		63.6	64.2	0.6	No	No	No	0
144	1122 Napolean St	1	B	N		62.8	63.4	0.6	No	No	No	0
145	1124 Napolean St	1	B	N		64.9	65.8	0.9	Yes	No	Yes	1
146	1126 Napolean St	1	B	N		62.7	63.4	0.7	No	No	No	0
147	1128 Napolean St	1	B	N		61.8	62.8	1.0	No	No	No	0
148	1130 Napolean St	1	B	N		62.0	62.7	0.7	No	No	No	0
149	1136 Napolean St	1	B	N		61.7	62.5	0.8	No	No	No	0

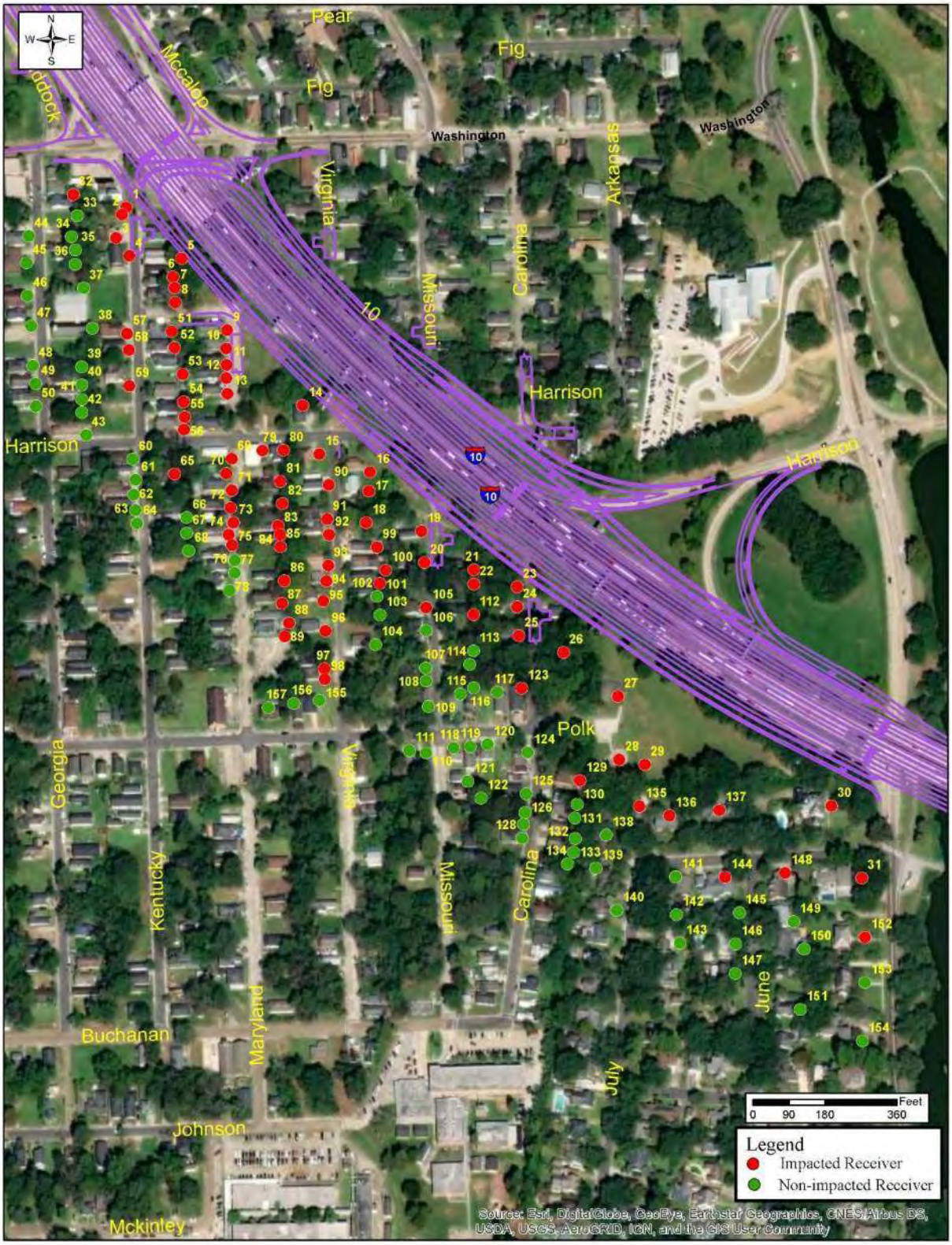
Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
150	1140 Napolean St	1	B	N		61.1	61.9	0.8	No	No	No	0
151	1142 Napolean St	1	B	N		61.0	61.7	0.7	No	No	No	0
152	1144 Napolean St	1	B	N		60.8	61.6	0.8	No	No	No	0
153	1146 Napolean St	1	B	N		60.4	61.2	0.8	No	No	No	0
154	704 Myrtle St	1	B	N		66.9	67.4	0.5	Yes	No	Yes	1
155	706 Myrtle St	1	B	N		66.9	67.4	0.5	Yes	No	Yes	1
156	708 Myrtle St	1	B	N		66.6	67.2	0.6	Yes	No	Yes	1
157	710 Myrtle St	1	B	N		65.5	66.0	0.5	Yes	No	Yes	1
158	714 Myrtle St	1	B	N		66.6	66.9	0.3	Yes	No	Yes	1
159	722 Myrtle St	1	B	N		66.5	66.7	0.2	Yes	No	Yes	1
160	1111 Napolean St	1	B	N		65.0	65.6	0.6	Yes	No	Yes	1
161	1113 Napolean St	1	B	N		64.3	65.0	0.7	No	No	No	0
162	1115 Napolean St	1	B	N		63.9	64.7	0.8	No	No	No	0
163	1119 Napolean St	1	B	N		63.1	64.1	1.0	No	No	No	0
164	1123 Napolean St	1	B	N		62.7	63.8	1.1	No	No	No	0
165	1129 Napolean St	1	B	N		61.9	63.0	1.1	No	No	No	0
166	1139 Napolean St	1	B	N		61.3	62.5	1.2	No	No	No	0
167	1145 Napolean St	1	B	N		62.2	62.9	0.7	No	No	No	0
168	707 Julia St	1	B	N		62.8	63.6	0.8	No	No	No	0
169	713 Julia St	1	B	N		62.9	63.6	0.7	No	No	No	0
170	715 Julia St	1	B	N		62.9	63.5	0.6	No	No	No	0
171	725 Julia St	1	B	N		62.9	63.5	0.6	No	No	No	0
172	1108 St Joseph St	1	B	N		64.3	64.1	-0.2	No	No	No	0
173	1110 St Joseph St	1	B	N		63.8	63.8	0.0	No	No	No	0
174	1112 St Joseph St	1	B	N		63.8	64.9	1.1	No	No	No	0
175	1114 St Joseph St	1	B	N		63.2	63.3	0.1	No	No	No	0
176	1120 St Joseph St	1	B	N		64.0	64.5	0.5	No	No	No	0
177	1122 St Joseph St	1	B	N		62.6	62.6	0.0	No	No	No	0
178	1126 St Joseph St	1	B	N		62.9	63.1	0.2	No	No	No	0
179	814 Myrtle St	1	B	N		66.4	66.1	-0.3	Yes	No	Yes	1
180	820 Myrtle St	1	B	N		66.3	65.9	-0.4	Yes	No	Yes	1
181	836 Myrtle St	1	B	N		67.0	66.4	-0.6	Yes	No	Yes	1
182	840 Myrtle St	1	B	N		67.1	66.6	-0.5	Yes	No	Yes	1
183	1102 Maximillian St	1	B	N		67.0	66.4	-0.6	Yes	No	Yes	1
184	1105 St Joseph St	1	B	N		64.5	64.4	-0.1	No	No	No	0
185	1107 St Joseph St	1	B	N		63.8	63.8	0.0	No	No	No	0
186	1119 St Joseph St	1	B	N		63.1	63.3	0.2	No	No	No	0
187	1121 St Joseph St	1	B	N		63.2	63.4	0.2	No	No	No	0
188	1127 St Joseph St	1	B	N		63.3	63.1	-0.2	No	No	No	0
189	815 Julia St	1	B	N		63.9	63.8	-0.1	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
190	821 Julia St	1	B	N		63.6	63.7	0.1	No	No	No	0
191	823 Julia St	1	B	N		63.6	63.6	0.0	No	No	No	0
192	1106 Maximillian St	1	B	N		66.3	65.5	-0.8	Yes	No	Yes	1
193	1118 Maximillian St	1	B	N		65.8	64.9	-0.9	No	No	No	0
194	1122 Maximillian St	1	B	N		65.5	64.7	-0.8	No	No	No	0
195	1124 Maximillian St	1	B	N		65.2	64.6	-0.6	No	No	No	0
196	1128 Maximillian St	1	B	N		65.0	64.4	-0.6	No	No	No	0
197	1132 Maximillian St	1	B	N		64.9	64.3	-0.6	No	No	No	0
198	1107 Maximillian St	1	B	N		66.8	65.9	-0.9	Yes	No	Yes	1
199	1113 Maximillian St	1	B	N		66.8	65.9	-0.9	Yes	No	Yes	1
200	1119 Maximillian St	1	B	N		66.5	65.6	-0.9	Yes	No	Yes	1
201	1121 Maximillian St	1	B	N		66.2	65.4	-0.8	No	No	No	0
202	1123 Maximillian St	1	B	N		66.0	65.2	-0.8	No	No	No	0
203	1133 Maximillian St	1	B	N		65.4	64.5	-0.9	No	No	No	0
204	913 Julia St	1	B	N		65.8	65.1	-0.7	No	No	No	0
205	915 Julia St	1	B	N		66.2	65.5	-0.7	Yes	No	Yes	1
206	953 Julia St	1	B	N		66.4	65.6	-0.8	Yes	No	Yes	1
207	1203 Thomas H Delpit Dr	1	B	N		65.8	64.9	-0.9	No	No	No	0
208	1608 Thomas H Delpit Dr	1	B	N		62.2	62.1	-0.1	No	No	No	0
209	1652 Thomas H Delpit Dr	1	B	N		57.5	58.3	0.8	No	No	No	0
210	1662 Thomas H Delpit Dr	1	B	N		55.4	56.8	1.4	No	No	No	0
211	1668 Thomas H Delpit Dr	1	B	N		56.7	58.0	1.3	No	No	No	0
212	1718 Thomas H Delpit Dr	1	B	N		60.5	61.3	0.8	No	No	No	0
213	Baranco Clark YMCA Playground N	1	C	Yes	90	72.2	71.3	-0.9	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Pear
Fig
Fig
Mccalep
Washington
Washington
Virginia
Missouri
Carolina
Arkansas
10
Harrison
Harrison
Harrison
Polk
Georgia
Kentucky
Maryland
Buchanan
Johnson
Mckinley
June
July
Feet
0 90 180 360
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB2 (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	EB2
Description:	South of I-10, between East Washington Street and Dalrymple Drive
Design Year:	2040
Alternative:	Build
Total Receptors	158

IMPACTS (w/barrier)	
Category B Impacts	*79*
Category C Impacts	*3*
Category D Impacts	*0*
Category E Impacts	*0*
Total Impacts	*82*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	1824 Kentucky St	1	B	Yes	86	72.2	72.9	0.7	Yes	No	Yes	1
2	1820 Kentucky St	1	B	Yes	104	70.8	71.5	0.7	Yes	No	Yes	1
3	1840 Kentucky St	1	B	Yes	152	70.2	70.0	-0.2	Yes	No	Yes	1
4	1844 Kentucky St	1	B	Yes	163	70.6	70.2	-0.4	Yes	No	Yes	1
5	1851 Kentucky St	1	B	Yes		71.6	73.5	1.9	Yes	No	Yes	1
6	1859 Kentucky St	1	B	Yes		69.7	70.5	0.8	Yes	No	Yes	1
7	1867 Kentucky St	1	B	Yes		70.2	70.9	0.7	Yes	No	Yes	1
8	1879 Kentucky St	1	B	Yes		70.0	70.6	0.6	Yes	No	Yes	1
9	1920 Maryland St	1	B	Yes		73.1	73.9	0.8	Yes	No	Yes	1
10	1926 Maryland St	1	B	Yes		72.2	72.8	0.6	Yes	No	Yes	1
11	1934 Maryland St	1	B	Yes		71.5	72.5	1.0	Yes	No	Yes	1
12	1940 Maryland St	1	B	Yes		70.6	72.1	1.5	Yes	No	Yes	1
13	1952 Maryland St	1	B	Yes		69.9	71.3	1.4	Yes	No	Yes	1
14	1159 E Harrison St	1	B	Yes		74.7	75.6	0.9	Yes	No	Yes	1
15	2002 Virginia St	1	B	Yes		72.8	73.3	0.5	Yes	No	Yes	1
16	2019 Virginia St	1	B	Yes		72.5	69.4	-3.1	Yes	No	Yes	1
17	2041 Virginia St	1	B	Yes		71.8	70.9	-0.9	Yes	No	Yes	1
18	2053 Virginia St	1	B	Yes		69.7	69.7	0.0	Yes	No	Yes	1
19	2042 Missouri St	1	B	Yes		69.9	66.1	-3.8	Yes	No	Yes	1
20	2060 Missouri St	1	B	Yes		68.6	66.9	-1.7	Yes	No	Yes	1
21	2065 Missouri St	1	B	Yes		70.4	67.1	-3.3	Yes	No	Yes	1
22	2109 Missouri St	1	B	Yes		69.0	67.3	-1.7	Yes	No	Yes	1
23	2122 Carolina St	1	B	Yes		72.6	73.5	0.9	Yes	No	Yes	1
24	2130 Carolina St	1	B	Yes		69.4	70.9	1.5	Yes	No	Yes	1
25	2160 Carolina St	1	B	Yes		67.0	68.1	1.1	Yes	No	Yes	1
26	2175 Carolina St	1	B	Yes		72.3	74.4	2.1	Yes	No	Yes	1
27	East Polk St Park (Bball)	1	C	Yes		71.1	73.9	2.8	Yes	No	Yes	1
28	East Polk St Park (Playground)	1	C	Yes		67.5	70.5	3.0	Yes	No	Yes	1
29	East Pol St Park (Baseball)	1	C	Yes		68.1	71.0	2.9	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	2360 Dalrymple Dr	1	B	Yes		71.8	70.6	-1.2	Yes	No	Yes	1
31	2424 Dalrymple Dr	1	B	Yes		68.6	67.3	-1.3	Yes	No	Yes	1
32	1813 Georgia St	1	B	No	168	67.6	67.7	0.1	Yes	No	Yes	1
33	1815 Georgia St	1	B	No	193	63.6	63.7	0.1	No	No	No	0
34	1837 Georgia St	1	B	No	240	66.0	65.4	-0.6	No	No	No	0
35	1839 Georgia St	1	B	No		65.0	64.7	-0.3	No	No	No	0
36	1841 Georgia St	1	B	No		65.0	64.8	-0.2	No	No	No	0
37	1849 Georgia St	1	B	No		64.8	65.0	0.2	No	No	No	0
38	Calvary Third Bapt Ch (no ext use)	1	D	No		39.9	40.5	0.6	No	No	No	0
39	1937 Georgia St	1	B	No		64.3	64.9	0.6	No	No	No	0
40	1949 Georgia St	1	B	No		63.8	64.5	0.7	No	No	No	0
41	1955 Georgia St	1	B	No		63.5	64.3	0.8	No	No	No	0
42	1963 Georgia St	1	B	No		63.1	64.2	1.1	No	No	No	0
43	1967 Georgia St	1	B	No		62.8	63.9	1.1	No	No	No	0
44	1838 Georgia St	1	B	No		64.9	64.9	0.0	No	No	No	0
45	1850 Georgia St	1	B	No		65.1	65.1	0.0	No	No	No	0
46	1870 Georgia St	1	B	No		63.8	64.0	0.2	No	No	No	0
47	1904 Georgia St	1	B	No		63.2	63.7	0.5	No	No	No	0
48	1942 Georgia St	1	B	No		62.4	63.1	0.7	No	No	No	0
49	1950 Georgia St	1	B	No		62.1	62.8	0.7	No	No	No	0
50	1956 Georgia St	1	B	No		61.7	62.3	0.6	No	No	No	0
51	1923 Kentucky St	1	B	No		68.1	69.0	0.9	Yes	No	Yes	1
52	1939 Kentucky St	1	B	No		67.6	68.0	0.4	Yes	No	Yes	1
53	1943 Kentucky St	1	B	No		68.0	68.5	0.5	Yes	No	Yes	1
54	1955 Kentucky St	1	B	No		67.2	68.7	1.5	Yes	No	Yes	1
55	1965 Kentucky St	1	B	No		66.8	68.4	1.6	Yes	No	Yes	1
56	1973 Kentucky St	1	B	No		66.1	67.8	1.7	Yes	No	Yes	1
57	1920 Kentucky St	1	B	No		66.7	67.2	0.5	Yes	No	Yes	1
58	1934 Kentucky St	1	B	No		66.3	66.8	0.5	Yes	No	Yes	1
59	1948 Kentucky St	1	B	No		65.2	65.7	0.5	Yes	No	Yes	1
60	942 E Harrison St	1	B	No		63.4	64.6	1.2	No	No	No	0
61	2010 Kentucky St	1	B	No		62.8	64.1	1.3	No	No	No	0
62	2018 Kentucky St	1	B	No		62.2	63.5	1.3	No	No	No	0
63	2026 Kentucky St	1	B	No		61.5	62.9	1.4	No	No	No	0
64	2028 Kentucky St	1	B	No		61.2	62.5	1.3	No	No	No	0
65	2009 Kentucky St	1	B	No		64.3	65.5	1.2	Yes	No	Yes	1
66	2033 Kentucky St	1	B	No		62.8	64.2	1.4	No	No	No	0
67	2039 Kentucky St	1	B	No		62.4	63.8	1.4	No	No	No	0
68	2055 Kentucky St	1	B	No		62.0	63.3	1.3	No	No	No	0
69	2002 Maryland St	1	B	No		67.4	68.4	1.0	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
70	2010 Maryland St	1	B	No		66.5	67.5	1.0	Yes	No	Yes	1
71	2016 Maryland St	1	B	No		66.0	67.0	1.0	Yes	No	Yes	1
72	2028 Maryland St	1	B	No		65.4	66.4	1.0	Yes	No	Yes	1
73	2034 Maryland St	1	B	No		65.0	66.0	1.0	Yes	No	Yes	1
74	2042 Maryland St	1	B	No		64.5	65.6	1.1	Yes	No	Yes	1
75	2044 Maryland St	1	B	No		64.4	65.5	1.1	Yes	No	Yes	1
76	2054 Maryland St	1	B	No		63.9	65.0	1.1	No	No	No	0
77	2060 Maryland St	1	B	No		63.3	64.5	1.2	No	No	No	0
78	2112 Maryland St	1	B	No		63.0	64.2	1.2	No	No	No	0
79	1104 E Harrison St	1	B	No		69.2	70.0	0.8	Yes	No	Yes	1
80	1108 E Harrison St	1	B	No		70.4	71.0	0.6	Yes	No	Yes	1
81	2015 Maryland St	1	B	No		69.6	70.0	0.4	Yes	No	Yes	1
82	2025 Maryland St	1	B	No		68.9	69.4	0.5	Yes	No	Yes	1
83	2033 Maryland St	1	B	No		68.1	68.8	0.7	Yes	No	Yes	1
84	2039 Maryland St	1	B	No		67.9	68.6	0.7	Yes	No	Yes	1
85	2045 Maryland St	1	B	No		67.6	68.3	0.7	Yes	No	Yes	1
86	2103 Maryland St	1	B	No		66.5	67.4	0.9	Yes	No	Yes	1
87	2121 Maryland St	1	B	No		66.0	66.9	0.9	Yes	No	Yes	1
88	2135 Maryland St	1	B	No		65.8	66.6	0.8	Yes	No	Yes	1
89	2147 Maryland St	1	B	No		65.5	66.3	0.8	Yes	No	Yes	1
90	2036 Virginia St	1	B	No		71.8	72.2	0.4	Yes	No	Yes	1
91	2056 Virginia St	1	B	No		70.4	70.8	0.4	Yes	No	Yes	1
92	2072 Virginia St	1	B	No		69.9	70.3	0.4	Yes	No	Yes	1
93	2076 Virginia St	1	B	No		67.8	68.4	0.6	Yes	No	Yes	1
94	2110 Virginia St	1	B	No		67.0	67.7	0.7	Yes	No	Yes	1
95	2120 Virginia St	1	B	No		66.9	67.7	0.8	Yes	No	Yes	1
96	2140 Virginia St	1	B	No		66.2	67.0	0.8	Yes	No	Yes	1
97	2164 Virginia St	1	B	No		65.4	66.4	1.0	Yes	No	Yes	1
98	2174 Virginia St	1	B	No		65.2	66.2	1.0	Yes	No	Yes	1
99	2079 Virginia St	1	B	No		68.5	68.2	-0.3	Yes	No	Yes	1
100	2085 Virginia St	1	B	No		67.4	66.7	-0.7	Yes	No	Yes	1
101	2111 Virginia St	1	B	No		66.6	66.1	-0.5	Yes	No	Yes	1
102	2115 Virginia St	1	B	No		65.8	65.4	-0.4	No	No	No	0
103	2129 Virginia St	1	B	No		65.0	64.7	-0.3	No	No	No	0
104	2149 Virginia St	1	B	No		63.6	63.6	0.0	No	No	No	0
105	2136 Missouri St	1	B	No		66.8	66.1	-0.7	Yes	No	Yes	1
106	2148 Missouri St	1	B	No		65.6	65.1	-0.5	No	No	No	0
107	2178 Missouri St	1	B	No		63.7	63.6	-0.1	No	No	No	0
108	2186 Missouri St	1	B	No		63.0	62.9	-0.1	No	No	No	0
109	1157 E Polk St	1	B	No		62.0	62.1	0.1	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
110	1158 E Polk St	1	B	No		60.2	60.6	0.4	No	No	No	0
111	1156 E Polk St	1	B	No		59.9	60.3	0.4	No	No	No	0
112	2135 Missouri St	1	B	No		66.8	66.1	-0.7	Yes	No	Yes	1
113	2161 Missouri St	1	B	No		64.9	64.9	0.0	No	No	No	0
114	2173 Missouri St	1	B	No		64.5	64.7	0.2	No	No	No	0
115	1209 E Polk St	1	B	No		62.6	63.0	0.4	No	No	No	0
116	1211 E Polk St	1	B	No		63.3	63.6	0.3	No	No	No	0
117	1221 E Polk St	1	B	No		63.2	63.7	0.5	No	No	No	0
118	1206 E Polk St	1	B	No		60.2	60.6	0.4	No	No	No	0
119	1210 E Polk St	1	B	No		59.9	60.5	0.6	No	No	No	0
120	1212 E Polk St	1	B	No		59.3	60.3	1.0	No	No	No	0
121	2201 Missouri St	1	B	No		58.9	59.9	1.0	No	No	No	0
122	2221 Missouri St	1	B	No		58.7	59.9	1.2	No	No	No	0
123	1229 E Polk St	1	B	No		65.3	66.7	1.4	Yes	No	Yes	1
124	1236 E Polk St	1	B	No		62.5	64.2	1.7	No	No	No	0
125	2236 Carolina St	1	B	No		60.0	61.9	1.9	No	No	No	0
126	2266 Carolina St	1	B	No		58.1	60.1	2.0	No	No	No	0
127	2270 Carolina St	1	B	No		57.0	59.1	2.1	No	No	No	0
128	2282 Carolina St	1	B	No		55.8	57.7	1.9	No	No	No	0
129	2245 Carolina St	1	B	No		64.6	65.8	1.2	Yes	No	Yes	1
130	2249 Carolina St	1	B	No		63.7	65.0	1.3	No	No	No	0
131	2265 Carolina St	1	B	No		62.6	63.8	1.2	No	No	No	0
132	2269 Carolina St	1	B	No		61.9	62.8	0.9	No	No	No	0
133	2273 Carolina St	1	B	No		60.3	61.5	1.2	No	No	No	0
134	2289 Carolina St	1	B	No		58.8	60.0	1.2	No	No	No	0
135	1705 March St	1	B	No		64.8	66.6	1.8	Yes	No	Yes	1
136	1735 March St	1	B	No		65.7	67.3	1.6	Yes	No	Yes	1
137	1775 March St	1	B	No		67.1	68.4	1.3	Yes	No	Yes	1
138	2408 July St	1	B	No		62.9	64.3	1.4	No	No	No	0
139	2412 July St	1	B	No		60.5	61.5	1.0	No	No	No	0
140	2430 July St	1	B	No		62.3	62.3	0.0	No	No	No	0
141	2407 July St	1	B	No		65.6	65.2	-0.4	No	No	No	0
142	2425 July St	1	B	No		60.9	61.3	0.4	No	No	No	0
143	2437 July St	1	B	No		59.9	60.4	0.5	No	No	No	0
144	2406 June St	1	B	No		65.6	65.6	0.0	Yes	No	Yes	1
145	2416 June St	1	B	No		62.7	63.2	0.5	No	No	No	0
146	2434 June St	1	B	No		60.6	61.1	0.5	No	No	No	0
147	2446 June St	1	B	No		59.2	59.9	0.7	No	No	No	0
148	2405 June St	1	B	No		66.7	66.4	-0.3	Yes	No	Yes	1
149	2425 June St	1	B	No		62.5	62.6	0.1	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
150	2435 June St	1	B	No		62.4	62.6	0.2	No	No	No	0
151	2519 June St	1	B	No		61.2	61.3	0.1	No	No	No	0
152	2502 Dalrymple Dr	1	B	No		66.4	65.8	-0.6	Yes	No	Yes	1
153	2436 Dalrymple Dr	1	B	No		65.4	64.8	-0.6	No	No	No	0
154	2528 Dalrymple Dr	1	B	No		63.8	63.3	-0.5	No	No	No	0
155	1055 E Polk St	1	B	No		64.0	65.2	1.2	No	No	No	0
156	1015-1017 E Polk	2	B	No		63.8	64.6	0.8	No	No	No	0
157	1005 E Polk	1	B	No		62.4	63.4	1.0	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Cottonwood
Dogwood
Hillsdale
Ebony
Baywood
Elissalde
Estates
Lakeshore
Fiero
Christian
N
W
E
S
10
10
Feet
0 65 130 260
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB3a (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	EB3a
Description:	South of I-10, between East Lakeshore Drive and Christian St
Design Year:	2040
Alternative:	Build
Total Receptors	45

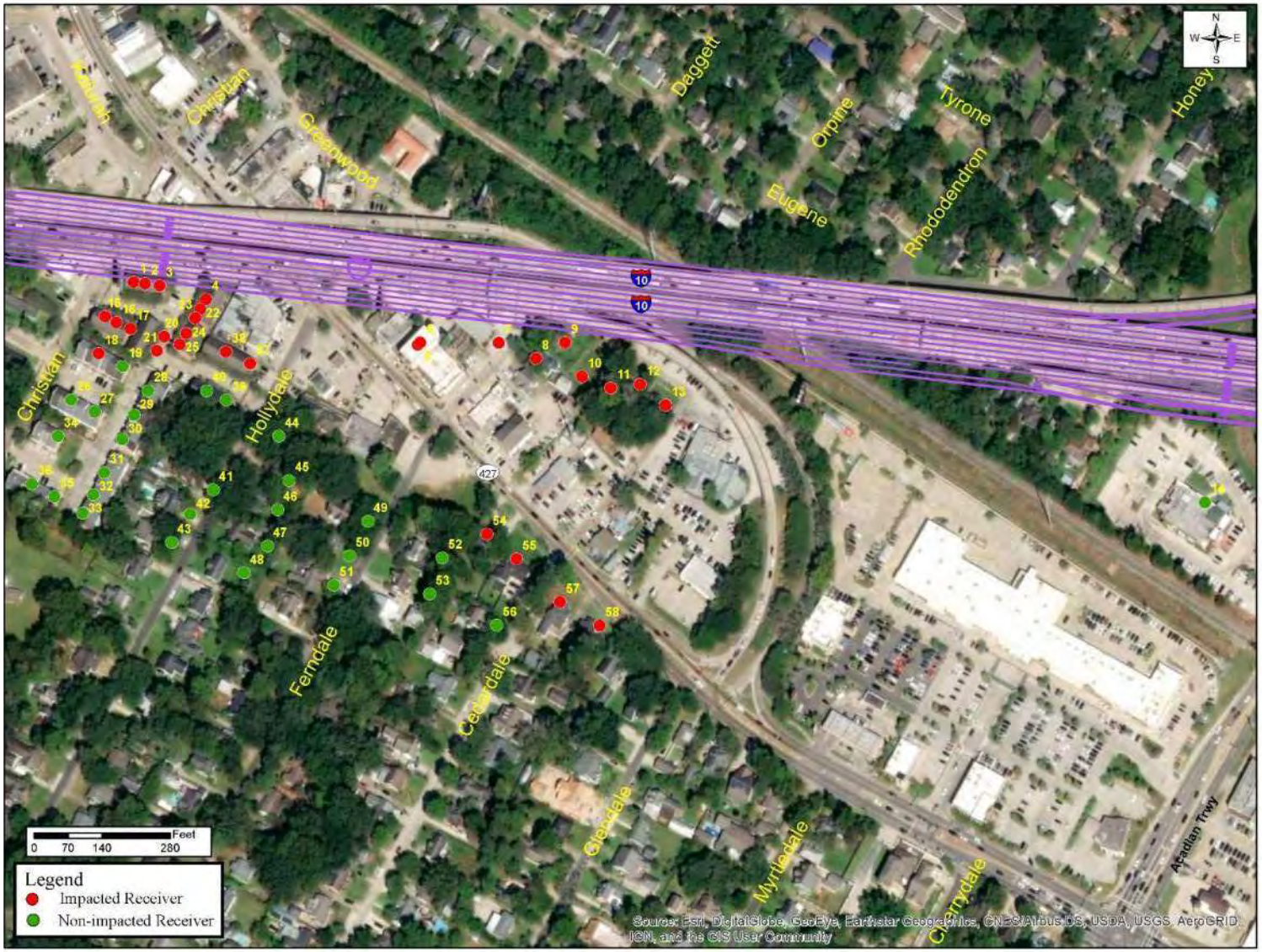
IMPACTS (w/barrier)	
Category B Impacts	*29*
Category C Impacts	*0*
Category D Impacts	*0*
Category E Impacts	*0*
Total Impacts	*29*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	2012 Estates Rd	1	B	Yes		75.0	72.0	-3.0	Yes	No	Yes	1
2	2355 E Lakeshore Dr	1	B	Yes		71.0	68.4	-2.6	Yes	No	Yes	1
3	2365 E Lakeshore Dr	1	B	Yes		69.4	68.4	-1.0	Yes	No	Yes	1
4	2375 E Lakeshore Dr	1	B	Yes		69.4	68.4	-1.0	Yes	No	Yes	1
5	2052 Estates Rd	1	B	Yes		70.3	69.4	-0.9	Yes	No	Yes	1
6	2124 Estates Rd	1	B	Yes		75.9	75.9	0.0	Yes	No	Yes	1
7	2144 Estates Rd	1	B	Yes		75.3	74.4	-0.9	Yes	No	Yes	1
8	2216 Estates Rd	1	B	Yes		76.3	76.1	-0.2	Yes	No	Yes	1
9	2226 Estate Rd	1	B	Yes		75.6	75.5	-0.1	Yes	No	Yes	1
10	2301 Fiero St	1	B	Yes		75.2	74.9	-0.3	Yes	No	Yes	1
11	2303 Fiero St	1	B	Yes		76.0	76.0	0.0	Yes	No	Yes	1
12	2305 Fiero St	1	B	Yes		76.5	76.4	-0.1	Yes	No	Yes	1
13	2307 Fiero St	1	B	Yes		76.9	76.9	0.0	Yes	No	Yes	1
14	2309 Fiero St	1	B	Yes		76.8	76.9	0.1	Yes	No	Yes	1
15	2311 Fiero St	1	B	Yes		76.4	76.5	0.1	Yes	No	Yes	1
16	2425 Fiero St	1	B	Yes		78.7	78.8	0.1	Yes	No	Yes	1
17	2437 Fiero St	1	B	Yes		78.9	79.1	0.2	Yes	No	Yes	1
18	2449 Fiero St	1	B	Yes		77.8	76.8	-1.0	Yes	No	Yes	1
19	2241 Elissalde St	1	B	Yes		75.6	73.7	-1.9	Yes	No	Yes	1
20	2808 Fiero St	1	B	Yes		75.2	72.7	-2.5	Yes	No	Yes	1
21	2443 E Lakeshore Dr	1	B	No		63.2	62.4	-0.8	No	No	No	0
22	2131 Fiero St	1	B	No		63.9	64.2	0.3	No	No	No	0
23	2529 E Lakeshore Dr	1	B	No		63.5	62.7	-0.8	No	No	No	0
24	2549 E Lakeshore Dr	1	B	No		63.1	62.4	-0.7	No	No	No	0
25	2559 E Lakeshore Dr	1	B	No		62.3	62.1	-0.2	No	No	No	0
26	2213 Fiero St	1	B	No		66.4	66.0	-0.4	Yes	No	Yes	1
27	2223 Fiero St	1	B	No		65.9	65.7	-0.2	Yes	No	Yes	1
28	2233 Fiero St	1	B	No		66.0	65.8	-0.2	Yes	No	Yes	1
29	2246 Fiero St	1	B	No		68.2	67.5	-0.7	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	2236 Fiero St	1	B	No		71.6	71.4	-0.2	Yes	No	Yes	1
31	2569 E Lakeshore Dr	1	B	No		62.7	62.8	0.1	No	No	No	0
32	2579 E Lakeshore Dr	1	B	No		64.1	63.9	-0.2	No	No	No	0
33	2589 E Lakeshore Dr	1	B	No		60.9	60.9	0.0	No	No	No	0
34	2593 E Lakeshore Dr	1	B	No		61.9	61.9	0.0	No	No	No	0
35	2595 E Lakeshore Dr	1	B	No		67.9	67.7	-0.2	Yes	No	Yes	1
36	2597 E Lakeshore Dr	1	B	No		69.9	67.4	-2.5	Yes	No	Yes	1
37	2599 E Lakeshore Dr	1	B	No		64.7	63.3	-1.4	No	No	No	0
38	2601 E Lakeshore Dr	1	B	No		62.1	62.4	0.3	No	No	No	0
39	2220 Elissalde St	1	B	No		67.8	66.4	-1.4	Yes	No	Yes	1
40	2208 Elissalde St	1	B	No		65.7	65.1	-0.6	No	No	No	0
41	2192 Elissalde St	1	B	No		64.3	64.2	-0.1	No	No	No	0
42	2233 Christian St	1	B	No		67.7	67.1	-0.6	Yes	No	Yes	1
43	2217 Christian St	1	B	No		65.3	64.7	-0.6	No	No	No	0
44	2207 Christian St	1	B	No		64.4	63.8	-0.6	No	No	No	0
45	2195 Christian St	1	B	No		61.4	60.8	-0.6	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Kenneth
Christian
Greenwood
Daggett
Orpine
Tyrone
Honey
Eugene
Rhododendron
Christian
Hollydale
Ferndale
Cedardale
Glendale
Myrtledale
Cherrydale
Acadian Trwy
427
10
10
N
W
E
S
Feet
0 70 140 280
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB3b (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	EB3b
Description:	South of I-10, between Christian St. and South Acadian Thruway
Design Year:	2040
Alternative:	Build
Total Receptors	104

IMPACTS (w/barrier)	
Category B Impacts	*47*
Category C Impacts	*0*
Category D Impacts	*0*
Category E Impacts	*1*
Total Impacts	*48*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	2293 Hollydale 4AB (Twnhses)	2	B	Yes	10	78.6	77.5	-1.1	Yes	No	Yes	2
2	2293 Hollydale 4C (Twnhse)	1	B	Yes	10	78.6	77.5	-1.1	Yes	No	Yes	1
3	2293 Hollydale Bldg 4DE (Twnhses)	2	B	Yes	10	78.6	77.5	-1.1	Yes	No	Yes	2
4	2293 Hollydale Bldg 5AB (Twnhses)	2	B	Yes	23	78.2	77.5	-0.7	Yes	No	Yes	2
5	3043 Perkins Rd (Apt 2nd floor balcony)	1	B	Yes		71.7	66.8	-4.9	Yes	No	Yes	1
6	3043 Perkins Rd (Apt 3rd floor balcony)	1	B	Yes		74.0	69.9	-4.1	Yes	No	Yes	1
7	2355 Ferndale Ave (Schlittz and Giggles)	1	E	Yes	40	73.6	73.5	-0.1	Yes	No	Yes	1
8	2362 Ferndale Ave	1	B	Yes	65	71.8	71.4	-0.4	Yes	No	Yes	1
9	2372 Ferndale Ave	1	B	Yes	25	73.7	73.5	-0.2	Yes	No	Yes	1
10	3156 Greenwood Dr	1	B	Yes	90	70.2	70.6	0.4	Yes	No	Yes	1
11	3162 Greenwood Dr	1	B	Yes	107	69.0	69.4	0.4	Yes	No	Yes	1
12	3172 Greenwood Dr	1	B	Yes	92	69.8	70.3	0.5	Yes	No	Yes	1
13	2375 Cedardale Ave	1	B	Yes	130	67.9	68.5	0.6	Yes	No	Yes	1
14	Saltgrass Steakhouse (patio)	1	E	Yes	168	70.8	69.4	-1.4	No	No	No	0
15	2293 Hollydale 3AB (Twnhses)	2	B	N	84	72.8	71.2	-1.6	Yes	No	Yes	2
16	2293 Hollydale 3C (Twnhse)	1	B	N	95	72.4	71.0	-1.4	Yes	No	Yes	1
17	2293 Hollydale Bldg 3 DE (Twnhses)	2	B	N	102	71.1	69.8	-1.3	Yes	No	Yes	2
18	2210 Christian 123 (Twnhses)	3	B	N	161	68.0	67.4	-0.6	Yes	No	Yes	3
19	2210 Christian 456 (Twnhses)	3	B	N	183	59.8	60.0	0.2	No	No	No	0
20	2293 Hollydale 2AB (Twnhse)	2	B	N	112	70.2	69.0	-1.2	Yes	No	Yes	2
21	2293 Hollydale 2CDEF (Twnhse)	4	B	N	142	68.4	67.6	-0.8	Yes	No	Yes	4
22	2293 Hollydale 5C (Twnhse)	1	B	N	47	74.9	73.6	-1.3	Yes	No	Yes	1
23	2293 Hollydale 5DE (Twnhse)	2	B	N	68	72.8	71.7	-1.1	Yes	No	Yes	2
24	2293 Hollydale 6AB (Twnhse)	2	B	N	101	70.9	69.6	-1.3	Yes	No	Yes	2
25	2293 Hollydale 6CDEF (Twnhse)	4	B	N	124	70.3	69.3	-1.0	Yes	No	Yes	4
26	2210 Christian 37-39 (Twnhses)	3	B	N		65.0	63.7	-1.3	No	No	No	0
27	2210 Christian 34-36 (Twnhses)	3	B	N		61.8	61.1	-0.7	No	No	No	0
28	2210 Christian 7-9 (Twnhses)	3	B	N		62.5	60.5	-2.0	No	No	No	0
29	2210 Christian 10-12 (Twnhses)	3	B	N		62.2	60.7	-1.5	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	2210 Christian 13-15 (Twnhses)	3	B	N		60.5	59.5	-1.0	No	No	No	0
31	2210 Christian 16-18 (Twnhses)	3	B	N		59.1	58.1	-1.0	No	No	No	0
32	2210 Christian 19-21 (Twnhses)	3	B	N		58.0	57.4	-0.6	No	No	No	0
33	2210 Christian 22-24 (Twnhses)	3	B	N		58.3	57.7	-0.6	No	No	No	0
34	2210 Christian 31-33 (Twnhses)	3	B	N		59.6	59.2	-0.4	No	No	No	0
35	2210 Christian 25-27 (Twnhses)	3	B	N		59.3	58.7	-0.6	No	No	No	0
36	2210 Christian 28-30 (Twnhses)	3	B	N		60.7	60.0	-0.7	No	No	No	0
37	2293 Hollydale 7ABC (Twnhse)	3	B	N	148	68.8	68.4	-0.4	Yes	No	Yes	3
38	2293 Hollydale 7DE (Twnhse)	2	B	N	128	70.0	69.1	-0.9	Yes	No	Yes	2
39	2293 Hollydale 1ABC (Twnhse)	3	B	N		59.7	58.8	-0.9	No	No	No	0
40	2293 Hollydale 1DE (Twnhse)	2	B	N		57.6	57.2	-0.4	No	No	No	0
41	2271 Hollydale Ave	1	B	N		61.0	60.7	-0.3	No	No	No	0
42	2265 Hollydale Ave	1	B	N		60.0	60.2	0.2	No	No	No	0
43	2219 Hollydale Ave	1	B	N		62.0	61.8	-0.2	No	No	No	0
44	2292 Hollydale Ave	1	B	N		64.7	63.1	-1.6	No	No	No	0
45	2284 Hollydale Ave	1	B	N		60.5	59.3	-1.2	No	No	No	0
46	2272 Hollydale Ave	1	B	N		60.3	59.7	-0.6	No	No	No	0
47	2266 Hollydale Ave	1	B	N		60.2	60.4	0.2	No	No	No	0
48	2248 Hollydale Ave	1	B	N		60.4	61.0	0.6	No	No	No	0
49	2283 Ferndale Ave	1	B	N		61.5	61.3	-0.2	No	No	No	0
50	2271 Ferndale Ave	1	B	N		60.9	60.8	-0.1	No	No	No	0
51	2265 Ferndale Ave	1	B	N		60.4	60.9	0.5	No	No	No	0
52	2284 Ferndale Ave	1	B	N		63.2	62.7	-0.5	No	No	No	0
53	2268 Ferndale Ave	1	B	N		61.6	61.1	-0.5	No	No	No	0
54	3142 Perkins Rd	1	B	N		66.4	65.8	-0.6	Yes	No	Yes	1
55	3152 Perkins Rd	1	B	N		66.6	65.9	-0.7	Yes	No	Yes	1
56	2285 Cedardale Ave	1	B	N		60.8	60.5	-0.3	No	No	No	0
57	2282 Cedardale Ave	1	B	N		66.2	65.6	-0.6	Yes	No	Yes	1
58	3224 Perkins Rd	1	B	N		67.0	66.3	-0.7	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Acadian Trwy
Acadian
Acadian
Delta
Mississippi
Yazoo
Valley
Lyric
Nann
Parc
Aldrich
Barbara
Brownle
Balis
10
Plum Broque
Eugene
Valley
Balis
Ferrell
Bonnington
College
Feet
0 110 220 440
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB4 (1 of 1)

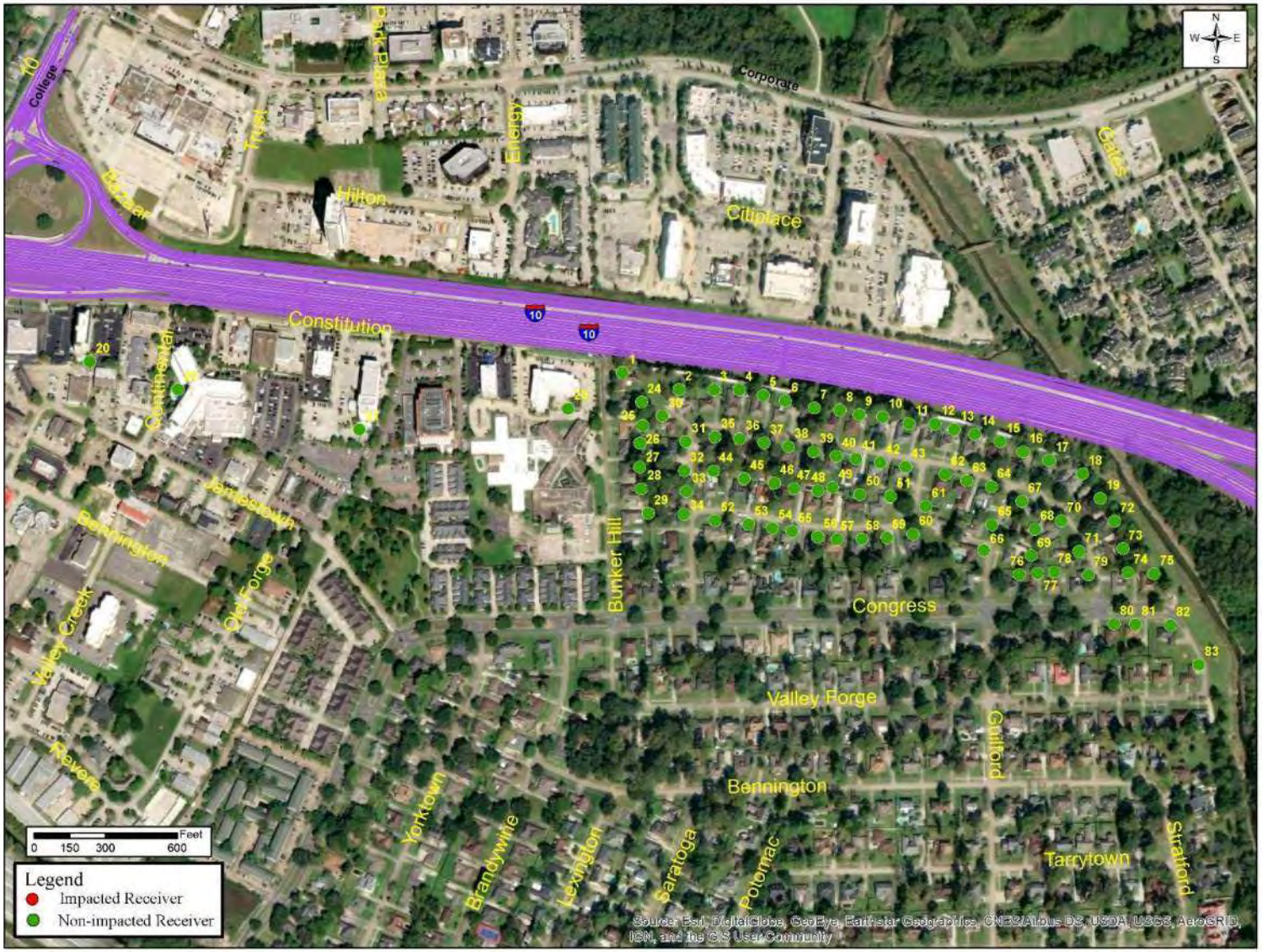
Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	EB4
Description:	South of I-10, between South Acadian Thruway and College Drive
Design Year:	2040
Alternative:	Build
Total Receptors	45

IMPACTS (w/barrier)	
Category B Impacts	0
Category C Impacts	0
Category D Impacts	0
Category E Impacts	0
Total Impacts	0

1st row impacted (no barrier)	0
1st row impacted and benefited	0
FEASIBILITY	N/A
Total receptors with 8 dB IL	20
Meets NRDG?	Yes
TOTAL BENEFITS	44

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
1	2854 Yazoo St	1	B	Yes		64.5	63.1	-1.4	No	No	No	0	73.7	10.6	Yes	1	1
2	2741 Yazoo St	1	B	Yes		63.3	61.4	-1.9	No	No	No	0	75.7	14.3	Yes	1	1
3	2808 Valley St	1	B	Yes		62.8	61.1	-1.7	No	No	No	0	76.4	15.3	Yes	1	1
4	Naim Park (playground)	1	C	Yes		59.6	59.2	-0.4	No	No	No	0	72.1	12.9	Yes	1	1
5	Naim Park (ball field)	1	C	Yes		60.4	60.0	-0.4	No	No	No	0	73.1	13.1	Yes	1	1
6	2832 Balis Dr	1	B	Yes		61.6	60.7	-0.9	No	No	No	0	73.9	13.2	Yes	1	1
7	2835 Balis Dr	1	B	Yes		61.2	60.8	-0.4	No	No	No	0	71.2	10.4	Yes	1	1
8	2860 Brownlee St	1	B	Yes		62.5	62.0	-0.5	No	No	No	0	70.9	8.9	Yes	1	1
9	2863 Brownlee St	1	B	Yes		64.9	63.8	-1.1	No	No	No	0	70.7	6.9	Yes	1	0
10	Marriott Courtyard (pool)	1	E	No		52.9	52.9	0.0	No	No	No	0	60.5	7.6	Yes	1	1
11	2864 Yazoo St	1	B	No		64.5	63.9	-0.6	No	No	No	0	72.2	8.3	Yes	1	1
12	2874 Yazoo St	1	B	No		64.5	64.1	-0.4	No	No	No	0	71.1	7.0	Yes	1	0
13	2890 Yazoo St	1	B	No		63.9	63.8	-0.1	No	No	No	0	70.2	6.4	Yes	1	0
14	2863 Yazoo St	1	B	No		62.8	61.4	-1.4	No	No	No	0	73.1	11.7	Yes	1	1
15	2842 Valley St	1	B	No		59.2	59.8	0.6	No	No	No	0	70.4	10.6	Yes	1	1
16	2844 Valley St	1	B	No		57.5	57.6	0.1	No	No	No	0	66.0	8.4	Yes	1	1
17	3947 Tyrone Dr	1	B	No		60.5	60.4	-0.1	No	No	No	0	68.2	7.8	Yes	1	1
18	3953 Tyrone Dr	1	B	No		60.3	59.9	-0.4	No	No	No	0	67.6	7.7	Yes	1	1
19	3888 Tyrone Dr	1	B	No		59.9	60.1	0.2	No	No	No	0	66.2	6.1	Yes	1	0
20	3920 Tyrone Dr	1	B	No		59.5	59.4	-0.1	No	No	No	0	65.4	6.0	Yes	1	0
21	3930 Tyrone Dr	1	B	No		58.6	58.9	0.3	No	No	No	0	64.6	5.7	Yes	1	0
22	3946 Tyrone Dr	1	B	No		58.1	58.6	0.5	No	No	No	0	64.1	5.5	Yes	1	0
23	3952 Tyrone Dr	1	B	No		57.9	59.2	1.3	No	No	No	0	63.5	4.3	No	0	0
24	3964 Tyrone Dr	1	B	No		57.2	58.0	0.8	No	No	No	0	63.0	5.0	Yes	1	0
25	2895 Valley St	1	B	No		57.5	57.7	0.2	No	No	No	0	64.5	6.8	Yes	1	0
26	2912 Valley St	1	B	No		55.9	56.9	1.0	No	No	No	0	61.8	4.9	Yes	1	0
27	Naim Park (picnic)	1	C	No		58.5	58.2	-0.3	No	No	No	0	68.3	10.1	Yes	1	1
28	Naim Park (basketball)	1	C	No		57.1	57.7	0.6	No	No	No	0	64.1	6.4	Yes	1	0
29	Naim Park (rec center)	1	C	No		56.2	56.5	0.3	No	No	No	0	62.8	6.3	Yes	1	0
30	2840 Balis Dr	1	B	No		60.2	59.8	-0.4	No	No	No	0	71.6	11.8	Yes	1	1
31	2856 Balis Dr	1	B	No		58.6	58.8	0.2	No	No	No	0	69.4	10.6	Yes	1	1
32	2908 Balis Dr	1	B	No		57.7	58.7	1.0	No	No	No	0	65.7	7.0	Yes	1	0
33	2956 Balis Dr	1	B	No		56.3	57.4	1.1	No	No	No	0	63.1	5.7	Yes	1	0
34	4255 Ferrett St	1	B	No		55.7	57.0	1.3	No	No	No	0	62.4	5.4	Yes	1	0
35	4227 Ferrett St	1	B	No		55.9	57.0	1.1	No	No	No	0	62.5	5.5	Yes	1	0
36	2845 Balis Dr	1	B	No		61.2	59.4	-1.8	No	No	No	0	68.9	9.5	Yes	1	1
37	2855 Balis Dr	1	B	No		59.6	58.9	-0.7	No	No	No	0	67.5	8.6	Yes	1	1
38	4425 Rabey St	1	B	No		59.0	59.2	0.2	No	No	No	0	65.9	6.7	Yes	1	0
39	2868 Brownlee St	1	B	No		63.1	61.9	-1.2	No	No	No	0	68.4	6.5	Yes	1	0
40	2930 Brownlee St	1	B	No		61.3	61.6	0.3	No	No	No	0	67.4	5.8	Yes	1	0
41	2960 Brownlee St	1	B	No		59.7	60.1	0.4	No	No	No	0	65.6	5.5	Yes	1	0
42	2972 Brownlee St	1	B	No		58.5	59.0	0.5	No	No	No	0	64.4	5.4	Yes	1	0
43	2883 Brownlee St	1	B	No		62.9	62.9	0.0	No	No	No	0	68.9	6.0	Yes	1	0
44	2925 Brownlee St	1	B	No		60.7	60.5	-0.2	No	No	No	0	66.7	6.2	Yes	1	0
45	2975 Brownlee St	1	B	No		59.2	59.3	0.1	No	No	No	0	65.4	6.1	Yes	1	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


10
College
Bayfair
Travel
Parkway
Energy
Hilton
Corporate
Gates
Citiplace
Constitution
10
10
Continental
Jamestown
Bennington
Old Forge
Valley Creek
Revere
Bunker Hill
Congress
Valley Forge
Guilford
Bennington
Yorktown
Brandywine
Lexington
Saratoga
Potomac
Tarrytown
Stratford
N
W
E
S
Feet
0 150 300 600
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB5 (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	EB5
Description:	South of I-10, between College Drive and the I-10/I-12 split
Design Year:	2040
Alternative:	Build
Total Receptors	83

IMPACTS (w/barrier)	
Category B Impacts	0
Category C Impacts	0
Category D Impacts	0
Category E Impacts	0
Total Impacts	0

1st row impacted (no barrier)	0
1st row impacted and benefited	0
FEASIBILITY	N/A
Total receptors with 8 dB IL	69
Meets NRDG?	Yes
TOTAL BENEFITS	80

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
1	2321 Bunker Hill Dr	1	B	Yes		63.1	63.5	0.4	No	No	No	0	77.2	13.7	Yes	1	1
2	5501 Trenton Ave	1	B	Yes		61.8	62.3	0.5	No	No	No	0	75.1	12.8	Yes	1	1
3	5513 Trenton Ave	1	B	Yes		61.1	61.3	0.2	No	No	No	0	75.6	14.3	Yes	1	1
4	5521 Trenton Ave	1	B	Yes		59.8	60.1	0.3	No	No	No	0	76.3	16.2	Yes	1	1
5	5533 Trenton Ave	1	B	Yes		60.1	60.2	0.1	No	No	No	0	75.7	15.5	Yes	1	1
6	5547 Trenton Ave	1	B	Yes		60.5	60.7	0.2	No	No	No	0	75.3	14.6	Yes	1	1
7	5603 Trenton Ave	1	B	Yes		60.6	60.8	0.2	No	No	No	0	74.9	14.1	Yes	1	1
8	5611 Trenton Ave	1	B	Yes		60.4	60.6	0.2	No	No	No	0	75.2	14.6	Yes	1	1
9	5625 Trenton Ave	1	B	Yes		60.4	60.6	0.2	No	No	No	0	75.0	14.4	Yes	1	1
10	5633 Trenton Ave	1	B	Yes		59.9	60.3	0.4	No	No	No	0	75.5	15.2	Yes	1	1
11	5641 Trenton Ave	1	B	Yes		60.4	60.6	0.2	No	No	No	0	75.1	14.5	Yes	1	1
12	5653 Trenton Ave	1	B	Yes		59.5	59.6	0.1	No	No	No	0	75.8	16.2	Yes	1	1
13	5705 Trenton Ave	1	B	Yes		60.0	60.4	0.4	No	No	No	0	75.8	15.4	Yes	1	1
14	5723 Trenton Ave	1	B	Yes		60.0	60.2	0.2	No	No	No	0	75.7	15.5	Yes	1	1
15	5731 Trenton Ave	1	B	Yes		59.4	59.9	0.5	No	No	No	0	75.4	15.5	Yes	1	1
16	5747 Trenton Ave	1	B	Yes		59.3	60.1	0.8	No	No	No	0	74.1	14.0	Yes	1	1
17	5815 Trenton Ave	1	B	Yes		60.4	61.3	0.9	No	No	No	0	73.8	12.5	Yes	1	1
18	5821 Trenton Ave	1	B	Yes		60.9	61.8	0.9	No	No	No	0	73.8	12.0	Yes	1	1
19	5837 Trenton Ave	1	B	Yes		60.0	61.1	1.1	No	No	No	0	72.1	11.0	Yes	1	1
20	Hampton Inn (pool)	1	E	No		65.2	65.5	0.3	No	No	No	0	65.5	0.0	No	0	0
21	Holiday Inn (pool)	1	E	No		63.2	64.2	1.0	No	No	No	0	64.2	0.0	No	0	0
22	Crowne Plaza (pool)	1	E	No		60.5	63.1	2.6	No	No	No	0	63.1	0.0	No	0	0
23	Doubletree (patio)	1	E	No		54.3	54.5	0.2	No	No	No	0	64.3	9.8	Yes	1	1
24	2335 Bunker Hill Rd	1	B	No		61.8	62.4	0.6	No	No	No	0	72.8	10.4	Yes	1	1
25	2343 Bunker Hill Rd	1	B	No		57.6	58.0	0.4	No	No	No	0	69.6	11.6	Yes	1	1
26	2409 Bunker Hill Rd	1	B	No		57.2	57.7	0.5	No	No	No	0	67.4	9.7	Yes	1	1
27	2417 Bunker Hill Rd	1	B	No		56.0	55.3	-0.7	No	No	No	0	64.9	9.6	Yes	1	1
28	2423 Bunker Hill Rd	1	B	No		54.9	54.3	-0.6	No	No	No	0	62.9	8.6	Yes	1	1
29	2425 Bunker Hill Rd	1	B	No		53.4	53.3	-0.1	No	No	No	0	60.9	7.6	Yes	1	1
30	2402 Germantown Dr	1	B	No		59.8	60.3	0.5	No	No	No	0	71.1	10.8	Yes	1	1
31	2416 Germantown Dr	1	B	No		58.5	57.7	-0.8	No	No	No	0	68.7	11.0	Yes	1	1
32	2428 Germantown Dr	1	B	No		55.6	55.8	0.2	No	No	No	0	65.4	9.6	Yes	1	1
33	2434 Germantown Dr	1	B	No		54.1	54.9	0.8	No	No	No	0	63.6	8.7	Yes	1	1
34	2442 Germantown Dr	1	B	No		53.2	53.9	0.7	No	No	No	0	61.4	7.5	Yes	1	1
35	5506 Trenton Ave	1	B	No		59.4	59.0	-0.4	No	No	No	0	69.7	10.7	Yes	1	1
36	5524 Trenton Ave	1	B	No		57.6	59.1	1.5	No	No	No	0	69.7	10.6	Yes	1	1
37	5532 Trenton Ave	1	B	No		57.6	59.1	1.5	No	No	No	0	69.7	10.6	Yes	1	1
38	5548 Trenton Ave	1	B	No		57.5	59.0	1.5	No	No	No	0	69.6	10.6	Yes	1	1
39	5602 Trenton Ave	1	B	No		57.4	59.0	1.6	No	No	No	0	69.5	10.5	Yes	1	1
40	5610 Trenton Ave	1	B	No		57.3	58.9	1.6	No	No	No	0	69.4	10.5	Yes	1	1
41	5628 Trenton Ave	1	B	No		57.4	58.9	1.5	No	No	No	0	69.5	10.6	Yes	1	1
42	5636 Trenton Ave	1	B	No		57.3	58.9	1.6	No	No	No	0	69.6	10.7	Yes	1	1
43	5644 Trenton Ave	1	B	No		57.4	58.9	1.5	No	No	No	0	69.7	10.8	Yes	1	1
44	5509 Monmouth Ave	1	B	No		57.2	55.9	-1.3	No	No	No	0	65.3	9.4	Yes	1	1
45	5523 Monmouth Ave	1	B	No		55.2	55.6	0.4	No	No	No	0	64.6	9.0	Yes	1	1
46	5535 Monmouth Ave	1	B	No		55.4	55.7	0.3	No	No	No	0	64.6	8.9	Yes	1	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
47	5543 Monmouth Ave	1	B	No		55.4	55.7	0.3	No	No	No	0	64.5	8.8	Yes	1	1
48	5601 Monmouth Ave	1	B	No		55.5	55.8	0.3	No	No	No	0	64.8	9.0	Yes	1	1
49	5613 Monmouth Ave	1	B	No		55.8	56.1	0.3	No	No	No	0	65.3	9.2	Yes	1	1
50	5625 Monmouth Ave	1	B	No		55.6	56.0	0.4	No	No	No	0	65.2	9.2	Yes	1	1
51	5645 Monmouth Ave	1	B	No		55.6	56.2	0.6	No	No	No	0	65.7	9.5	Yes	1	1
52	5510 Monmouth Ave	1	B	No		53.3	53.7	0.4	No	No	No	0	60.6	6.9	Yes	1	0
53	5526 Monmouth Ave	1	B	No		53.4	53.7	0.3	No	No	No	0	60.4	6.7	Yes	1	0
54	5538 Monmouth Ave	1	B	No		53.6	53.8	0.2	No	No	No	0	60.4	6.6	Yes	1	0
55	5546 Monmouth Ave	1	B	No		53.3	53.7	0.4	No	No	No	0	60.1	6.4	Yes	1	0
56	5602 Monmouth Ave	1	B	No		53.6	53.7	0.1	No	No	No	0	60.2	6.5	Yes	1	0
57	5614 Monmouth Ave	1	B	No		53.6	53.8	0.2	No	No	No	0	60.4	6.6	Yes	1	0
58	5626 Monmouth Ave	1	B	No		53.6	54.0	0.4	No	No	No	0	61.0	7.0	Yes	1	0
59	5638 Monmouth Ave	1	B	No		53.7	54.5	0.8	No	No	No	0	62.0	7.5	Yes	1	1
60	5646 Monmouth Ave	1	B	No		53.9	55.1	1.2	No	No	No	0	63.1	8.0	Yes	1	1
61	5654 Monmouth Ave	1	B	No		55.0	56.0	1.0	No	No	No	0	65.5	9.5	Yes	1	1
62	5708 Trenton Ave	1	B	No		57.3	58.8	1.5	No	No	No	0	69.8	11.0	Yes	1	1
63	5726 Trenton Ave	1	B	No		57.2	58.7	1.5	No	No	No	0	69.6	10.9	Yes	1	1
64	5734 Trenton Ave	1	B	No		57.1	58.7	1.6	No	No	No	0	69.6	10.9	Yes	1	1
65	2426 Guilford Dr	1	B	No		54.1	54.9	0.8	No	No	No	0	65.0	10.1	Yes	1	1
66	2504 Guilford Dr	1	B	No		52.8	53.9	1.1	No	No	No	0	62.5	8.6	Yes	1	1
67	2413 Guilford Dr	1	B	No		57.1	58.5	1.4	No	No	No	0	68.9	10.4	Yes	1	1
68	2421 Guilford Dr	1	B	No		55.1	56.1	1.0	No	No	No	0	65.8	9.7	Yes	1	1
69	2503 Guilford Dr	1	B	No		54.3	55.2	0.9	No	No	No	0	64.1	8.9	Yes	1	1
70	5836 Trenton Ave	1	B	No		57.0	58.4	1.4	No	No	No	0	68.3	9.9	Yes	1	1
71	5848 Trenton Ave	1	B	No		56.5	57.9	1.4	No	No	No	0	67.1	9.2	Yes	1	1
72	5843 Trenton Ave	1	B	No		59.4	60.6	1.2	No	No	No	0	70.7	10.1	Yes	1	1
73	5859 Trenton Ave	1	B	No		58.6	59.8	1.2	No	No	No	0	69.0	9.2	Yes	1	1
74	5909 Congress Blvd	1	B	No		58.0	59.3	1.3	No	No	No	0	67.8	8.5	Yes	1	1
75	5931 Congress Blvd	1	B	No		58.5	59.9	1.4	No	No	No	0	68.4	8.5	Yes	1	1
76	5803 Congress Blvd	1	B	No		53.7	54.6	0.9	No	No	No	0	62.6	8.0	Yes	1	1
77	5817 Congress Blvd	1	B	No		54.0	54.9	0.9	No	No	No	0	63.2	8.3	Yes	1	1
78	5829 Congress Blvd	1	B	No		54.2	55.2	1.0	No	No	No	0	63.7	8.5	Yes	1	1
79	5835 Congress Blvd	1	B	No		55.8	57.1	1.3	No	No	No	0	65.7	8.6	Yes	1	1
80	5902 Congress Blvd	1	B	No		56.0	57.3	1.3	No	No	No	0	64.4	7.1	Yes	1	0
81	5926 Congress Blvd	1	B	No		56.5	57.8	1.3	No	No	No	0	65.0	7.2	Yes	1	0
82	5938 Congress Blvd	1	B	No		57.7	59.0	1.3	No	No	No	0	66.3	7.3	Yes	1	0
83	5949 Valley Forge Ave	1	B	No		57.6	58.9	1.3	No	No	No	0	65.1	6.2	Yes	1	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Jefferson Place
Office Park
Brentwood
Baylor
Sholar
Rainbow
Sholar
N
W
E
S
12
12
0 80 160 320
Feet
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EB6 (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	EB6
Description:	South of I-12, between I-the 10/I-12 split and Essen Lane
Design Year:	2040
Alternative:	Build
Total Receptors	96

IMPACTS (w/barrier)	
Category B Impacts	0
Category C Impacts	0
Category D Impacts	0
Category E Impacts	0
Total Impacts	0

1st row impacted (no barrier)	0
1st row impacted and benefited	0
FEASIBILITY	N/A
Total receptors with 8 dB IL	76
Meets NRDG?	Yes
TOTAL BENEFITS	96

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
1	7811 Essen Cove Dr	1	B	Yes		59.7	59.7	0.0	No	No	No	0	74.6	14.9	Yes	1	1
2	7821 Essen Cove Dr	1	B	Yes		59.7	59.8	0.1	No	No	No	0	74.5	14.7	Yes	1	1
3	7831 Essen Cove Dr	1	B	Yes		59.7	59.8	0.1	No	No	No	0	74.5	14.7	Yes	1	1
4	7841 Essen Cove Dr	1	B	Yes		59.6	59.8	0.2	No	No	No	0	74.6	14.8	Yes	1	1
5	7851 Essen Cove Dr	1	B	Yes		59.5	59.9	0.4	No	No	No	0	74.6	14.7	Yes	1	1
6	7913 Essen Cove Dr	1	B	Yes		59.7	60.1	0.4	No	No	No	0	74.4	14.3	Yes	1	1
7	7923 Essen Cove Dr	1	B	Yes		59.4	59.9	0.5	No	No	No	0	74.6	14.7	Yes	1	1
8	7929 Essen Cove Dr	1	B	Yes		59.0	59.6	0.6	No	No	No	0	74.6	15.0	Yes	1	1
9	7933 Essen Cove Dr	1	B	Yes		58.9	59.5	0.6	No	No	No	0	74.8	15.3	Yes	1	1
10	7953 Essen Cove Dr	1	B	Yes		58.7	59.3	0.6	No	No	No	0	74.9	15.6	Yes	1	1
11	7952 Essen Cove Dr	1	B	Yes		59.1	59.5	0.4	No	No	No	0	71.4	11.9	Yes	1	1
12	7962 Essen Cove Dr	1	B	Yes		59.4	59.9	0.5	No	No	No	0	72.4	12.5	Yes	1	1
13	7972 Essen Cove Dr	1	B	Yes		59.6	60.2	0.6	No	No	No	0	72.7	12.5	Yes	1	1
14	7982 Essen Cove Dr	1	B	Yes		59.9	60.5	0.6	No	No	No	0	73.0	12.5	Yes	1	1
15	8004 Essen Cove Dr	1	B	Yes		59.9	60.4	0.5	No	No	No	0	72.8	12.4	Yes	1	1
16	8014 Essen Cove Dr	1	B	Yes		60.1	60.6	0.5	No	No	No	0	72.7	12.1	Yes	1	1
17	8024 Essen Cove Dr	1	B	Yes		60.1	60.6	0.5	No	No	No	0	72.7	12.1	Yes	1	1
18	8034 Essen Cove Dr	1	B	Yes		60.1	60.6	0.5	No	No	No	0	72.9	12.3	Yes	1	1
19	8044 Essen Cove Dr	1	B	Yes		60.1	60.6	0.5	No	No	No	0	72.9	12.3	Yes	1	1
20	8054 Essen Cove Dr	1	B	Yes		60.1	60.6	0.5	No	No	No	0	73.0	12.4	Yes	1	1
21	8064 Essen Cove Dr	1	B	Yes		60.1	60.6	0.5	No	No	No	0	72.9	12.3	Yes	1	1
22	8074 Essen Cove Dr	1	B	Yes		60.2	60.6	0.4	No	No	No	0	73.1	12.5	Yes	1	1
23	8084 Essen Cove Dr	1	B	Yes		60.2	60.7	0.5	No	No	No	0	73.2	12.5	Yes	1	1
24	8090 Essen Cove Dr	1	B	Yes		60.2	60.6	0.4	No	No	No	0	73.2	12.6	Yes	1	1
25	8096 Essen Cove Dr	1	B	Yes		60.2	60.7	0.5	No	No	No	0	74.9	14.2	Yes	1	1
26	8094 Essen Cove Dr	1	B	Yes		60.0	60.3	0.3	No	No	No	0	72.4	12.1	Yes	1	1
27	3610 Forrest Dr	1	B	Yes		60.5	60.8	0.3	No	No	No	0	74.8	14.0	Yes	1	1
28	8083 Sholar Dr	1	B	Yes		59.1	59.1	0.0	No	No	No	0	71.8	12.7	Yes	1	1
29	8109 Sholar Dr	1	B	Yes		59.2	59.2	0.0	No	No	No	0	71.8	12.6	Yes	1	1
30	8131 Sholar Dr	1	B	Yes		59.2	61.0	1.8	No	No	No	0	71.7	10.7	Yes	1	1
31	8155 Sholar Dr	1	B	Yes		59.3	59.3	0.0	No	No	No	0	71.9	12.6	Yes	1	1
32	8163 Sholar Dr	1	B	Yes		59.1	59.2	0.1	No	No	No	0	71.8	12.6	Yes	1	1
33	8177 Sholar Dr	1	B	Yes		58.8	58.9	0.1	No	No	No	0	71.0	12.1	Yes	1	1
34	8191 Sholar Dr	1	B	Yes		58.7	58.8	0.1	No	No	No	0	70.8	12.0	Yes	1	1
35	8207 Sholar Dr	1	B	Yes		58.4	58.6	0.2	No	No	No	0	70.1	11.5	Yes	1	1
36	8223 Sholar Dr	1	B	Yes		58.2	58.4	0.2	No	No	No	0	69.0	10.6	Yes	1	1
37	8247 Sholar Dr	1	B	Yes		58.1	58.4	0.3	No	No	No	0	68.7	10.3	Yes	1	1
38	8261 Sholar Dr	1	B	Yes		57.9	58.1	0.2	No	No	No	0	67.8	9.7	Yes	1	1
39	8285 Sholar Dr	1	B	Yes		57.6	58.0	0.4	No	No	No	0	67.5	9.5	Yes	1	1
40	7810 Essen Cove Dr	1	B	No		59.7	59.6	-0.1	No	No	No	0	69.0	9.4	Yes	1	1
41	7820 Essen Cove Dr	1	B	No		59.6	59.5	-0.1	No	No	No	0	69.3	9.8	Yes	1	1
42	7830 Essen Cove Dr	1	B	No		59.3	59.3	0.0	No	No	No	0	69.6	10.3	Yes	1	1
43	7840 Essen Cove Dr	1	B	No		59.2	59.3	0.1	No	No	No	0	69.8	10.5	Yes	1	1
44	7891 Scholar Dr	1	B	No		57.9	57.8	-0.1	No	No	No	0	66.0	8.2	Yes	1	1
45	7898 Scholar Dr	1	B	No		56.4	56.5	0.1	No	No	No	0	61.8	5.3	Yes	1	0
46	7912 Essen Cove Dr	1	B	No		59.0	59.1	0.1	No	No	No	0	70.3	11.2	Yes	1	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
47	7922 Essen Cove Dr	1	B	No		58.9	59.3	0.4	No	No	No	0	70.1	10.8	Yes	1	1
48	7932 Essen Cove Dr	1	B	No		59.1	59.2	0.1	No	No	No	0	70.2	11.0	Yes	1	1
49	7942 Essen Cove Dr	1	B	No		58.8	59.0	0.2	No	No	No	0	70.2	11.2	Yes	1	1
50	7919 Scholar Dr	1	B	No		57.3	57.3	0.0	No	No	No	0	66.4	9.1	Yes	1	1
51	7943 Scholar Dr	1	B	No		57.2	57.3	0.1	No	No	No	0	66.2	8.9	Yes	1	1
52	7955 Scholar Dr	1	B	No		56.9	57.0	0.1	No	No	No	0	66.4	9.4	Yes	1	1
53	7977 Scholar Dr	1	B	No		56.8	56.9	0.1	No	No	No	0	66.5	9.6	Yes	1	1
54	7991 Scholar Dr	1	B	No		56.9	57.1	0.2	No	No	No	0	67.0	9.9	Yes	1	1
55	7997 Scholar Dr	1	B	No		56.9	57.1	0.2	No	No	No	0	67.1	10.0	Yes	1	1
56	8005 Scholar Dr	1	B	No		57.1	57.3	0.2	No	No	No	0	67.8	10.5	Yes	1	1
57	8017 Scholar Dr	1	B	No		57.7	57.2	-0.5	No	No	No	0	67.9	10.7	Yes	1	1
58	8021 Scholar Dr	1	B	No		58.0	57.4	-0.6	No	No	No	0	68.7	11.3	Yes	1	1
59	8033 Scholar Dr	1	B	No		58.6	57.7	-0.9	No	No	No	0	68.8	11.1	Yes	1	1
60	8045 Scholar Dr	1	B	No		57.5	57.6	0.1	No	No	No	0	68.6	11.0	Yes	1	1
61	8057 Scholar Dr	1	B	No		57.7	57.8	0.1	No	No	No	0	68.7	10.9	Yes	1	1
62	8069 Scholar Dr	1	B	No		58.2	58.2	0.0	No	No	No	0	69.3	11.1	Yes	1	1
63	8071 Scholar Dr	1	B	No		58.2	58.1	-0.1	No	No	No	0	69.6	11.5	Yes	1	1
64	7920 Scholar Dr	1	B	No		55.6	55.6	0.0	No	No	No	0	61.9	6.3	Yes	1	0
65	7944 Scholar Dr	1	B	No		55.2	55.2	0.0	No	No	No	0	61.2	6.0	Yes	1	0
66	7956 Scholar Dr	1	B	No		55.1	55.1	0.0	No	No	No	0	61.3	6.2	Yes	1	0
67	7978 Scholar Dr	1	B	No		55.0	55.0	0.0	No	No	No	0	61.3	6.3	Yes	1	0
68	7992 Scholar Dr	1	B	No		54.9	54.8	-0.1	No	No	No	0	61.0	6.2	Yes	1	0
69	7998 Scholar Dr	1	B	No		54.8	54.8	0.0	No	No	No	0	61.3	6.5	Yes	1	0
70	8004 Scholar Dr	1	B	No		55.0	54.9	-0.1	No	No	No	0	61.6	6.7	Yes	1	0
71	8016 Scholar Dr	1	B	No		55.3	55.4	0.1	No	No	No	0	62.0	6.6	Yes	1	0
72	8020 Scholar Dr	1	B	No		55.4	55.4	0.0	No	No	No	0	62.7	7.3	Yes	1	0
73	8032 Scholar Dr	1	B	No		55.5	55.4	-0.1	No	No	No	0	63.3	7.9	Yes	1	1
74	3734 Scholar Ct	1	B	No		52.1	52.1	0.0	No	No	No	0	58.6	6.5	Yes	1	0
75	3733 Scholar Ct	1	B	No		52.4	52.5	0.1	No	No	No	0	58.5	6.0	Yes	1	0
76	8056 Scholar Dr	1	B	No		56.2	56.3	0.1	No	No	No	0	64.2	7.9	Yes	1	1
77	8070 Scholar Dr	1	B	No		56.1	55.9	-0.2	No	No	No	0	64.8	8.9	Yes	1	1
78	8082 Scholar Dr	1	B	No		56.1	55.9	-0.2	No	No	No	0	65.6	9.7	Yes	1	1
79	8110 Scholar Dr	1	B	No		56.2	56.0	-0.2	No	No	No	0	66.6	10.6	Yes	1	1
80	8132 Scholar Dr	1	B	No		56.0	55.8	-0.2	No	No	No	0	66.5	10.7	Yes	1	1
81	8156 Scholar Dr	1	B	No		55.9	55.7	-0.2	No	No	No	0	66.4	10.7	Yes	1	1
82	8164 Scholar Dr	1	B	No		55.8	55.7	-0.1	No	No	No	0	66.3	10.6	Yes	1	1
83	8178 Scholar Dr	1	B	No		55.6	55.5	-0.1	No	No	No	0	65.9	10.4	Yes	1	1
84	8192 Scholar Dr	1	B	No		55.4	55.4	0.0	No	No	No	0	65.3	9.9	Yes	1	1
85	8208 Scholar Dr	1	B	No		55.3	55.2	-0.1	No	No	No	0	64.9	9.7	Yes	1	1
86	8357 Scholar Dr	1	B	No		55.0	55.1	0.1	No	No	No	0	64.1	9.0	Yes	1	1
87	8378 Rainbow Dr	1	B	No		54.9	55.1	0.2	No	No	No	0	63.2	8.1	Yes	1	1
88	3642 Forrest Dr	1	B	No		54.9	54.3	-0.6	No	No	No	0	62.5	8.2	Yes	1	1
89	3686 Forrest Dr	1	B	No		54.1	53.5	-0.6	No	No	No	0	60.7	7.2	Yes	1	0
90	8109 Rainbow Dr	1	B	No		54.8	54.9	0.1	No	No	No	0	62.1	7.2	Yes	1	0
91	8131 Rainbow Dr	1	B	No		55.9	55.6	-0.3	No	No	No	0	62.4	6.8	Yes	1	0
92	8155 Rainbow Dr	1	B	No		54.9	55.0	0.1	No	No	No	0	61.8	6.8	Yes	1	0
93	8177 Rainbow Dr	1	B	No		54.4	54.3	-0.1	No	No	No	0	61.4	7.1	Yes	1	0
94	8207 Rainbow Dr	1	B	No		55.2	54.8	-0.4	No	No	No	0	61.3	6.5	Yes	1	0
95	8245 Rainbow Dr	1	B	No		54.0	54.0	0.0	No	No	No	0	61.1	7.1	Yes	1	0
96	8273 Rainbow Dr	1	B	No		56.2	56.6	0.4	No	No	No	0	60.6	4.0	No	0	0
97	8356 Rainbow Dr	1	B	No		54.3	54.6	0.3	No	No	No	0	60.8	6.2	Yes	1	0
98	8320 Rainbow Dr	1	B	No		55.4	55.7	0.3	No	No	No	0	58.9	3.2	No	0	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Government
France
Europe
Mayflower
Saint Ferdinand
Penalver
Saint Charles
Royal
Napoleon
Beauregard
Maximillian
Saint Joseph
10Th
South
Feet
0 75 150 300
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB1 (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB1
Description:	North of I-10 and west of I-110, between the Mississippi River and Government Street
Design Year:	2040
Alternative:	Build
Total Receptors	99

IMPACTS (w/barrier)	
Category B Impacts	*41*
Category C Impacts	*2*
Category D Impacts	*0*
Category E Impacts	*0*
Total Impacts	*43*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	615 S 10th St	1	B	Yes		70.7	68.0	-2.7	Yes	No	Yes	1
2	1006 Europe St	1	B	Yes		69.2	66.2	-3.0	Yes	No	Yes	1
3	1016 Europe St	1	B	Yes		69.7	67.2	-2.5	Yes	No	Yes	1
4	731 S 10th St	1	B	Yes		72.7	69.8	-2.9	Yes	No	Yes	1
5	990 Mayflower St	1	B	Yes	105	72.6	71.5	-1.1	Yes	No	Yes	1
6	988 Mayflower St	1	B	Yes	148	71.5	70.0	-1.5	Yes	No	Yes	1
7	976 Mayflower St	1	B	Yes	180	69.4	67.0	-2.4	Yes	No	Yes	1
8	972/974 Mayflower St	2	B	Yes	231	68.6	66.2	-2.4	Yes	No	Yes	2
9	811 East Blvd	1	B	Yes	250	68.3	65.7	-2.6	Yes	No	Yes	1
10	827 East Blvd	1	B	Yes	207	69.0	66.6	-2.4	Yes	No	Yes	1
11	831 East Blvd	1	B	Yes	178	69.2	66.8	-2.4	Yes	No	Yes	1
12	835 East Blvd	1	B	Yes	155	70.8	69.4	-1.4	Yes	No	Yes	1
13	851 East Blvd	1	B	Yes	105	71.9	70.6	-1.3	Yes	No	Yes	1
14	859 East Blvd	1	B	Yes	72	73.5	72.5	-1.0	Yes	No	Yes	1
15	863 East Blvd	1	B	Yes	52	73.4	72.6	-0.8	Yes	No	Yes	1
16	867 East Blvd	1	B	Yes	22	78.1	77.8	-0.3	Yes	No	Yes	1
17	850 East Blvd	1	B	Yes	135	71.4	69.9	-1.5	Yes	No	Yes	1
18	855 Maximilian St	1	B	Yes	195	68.7	66.5	-2.2	Yes	No	Yes	1
19	864 South Blvd	1	B	Yes	50	73.0	72.6	-0.4	Yes	No	Yes	1
20	860 South Blvd	1	B	Yes	45	74.3	74.3	0.0	Yes	No	Yes	1
21	852 South Blvd	1	B	Yes	38	74.1	74.3	0.2	Yes	No	Yes	1
22	850 South Blvd	1	B	Yes	48	74.4	74.4	0.0	Yes	No	Yes	1
23	838 South Blvd	1	B	Yes	45	74.4	74.4	0.0	Yes	No	Yes	1
24	820 South Blvd	1	B	Yes	35	74.5	74.4	-0.1	Yes	No	Yes	1
25	800 South Blvd	1	B	Yes	49	74.5	74.5	0.0	Yes	No	Yes	1
26	748 South Blvd	1	B	Yes	49	74.8	74.6	-0.2	Yes	No	Yes	1
27	742 South Blvd	1	B	Yes	26	74.1	73.9	-0.2	Yes	No	Yes	1
28	Liberty Chapel Bapt Church	1	D	Yes	40	49.5	48.9	-0.6	No	No	No	0
29	702 South Blvd	1	B	Yes	36	74.7	74.0	-0.7	Yes	No	Yes	1

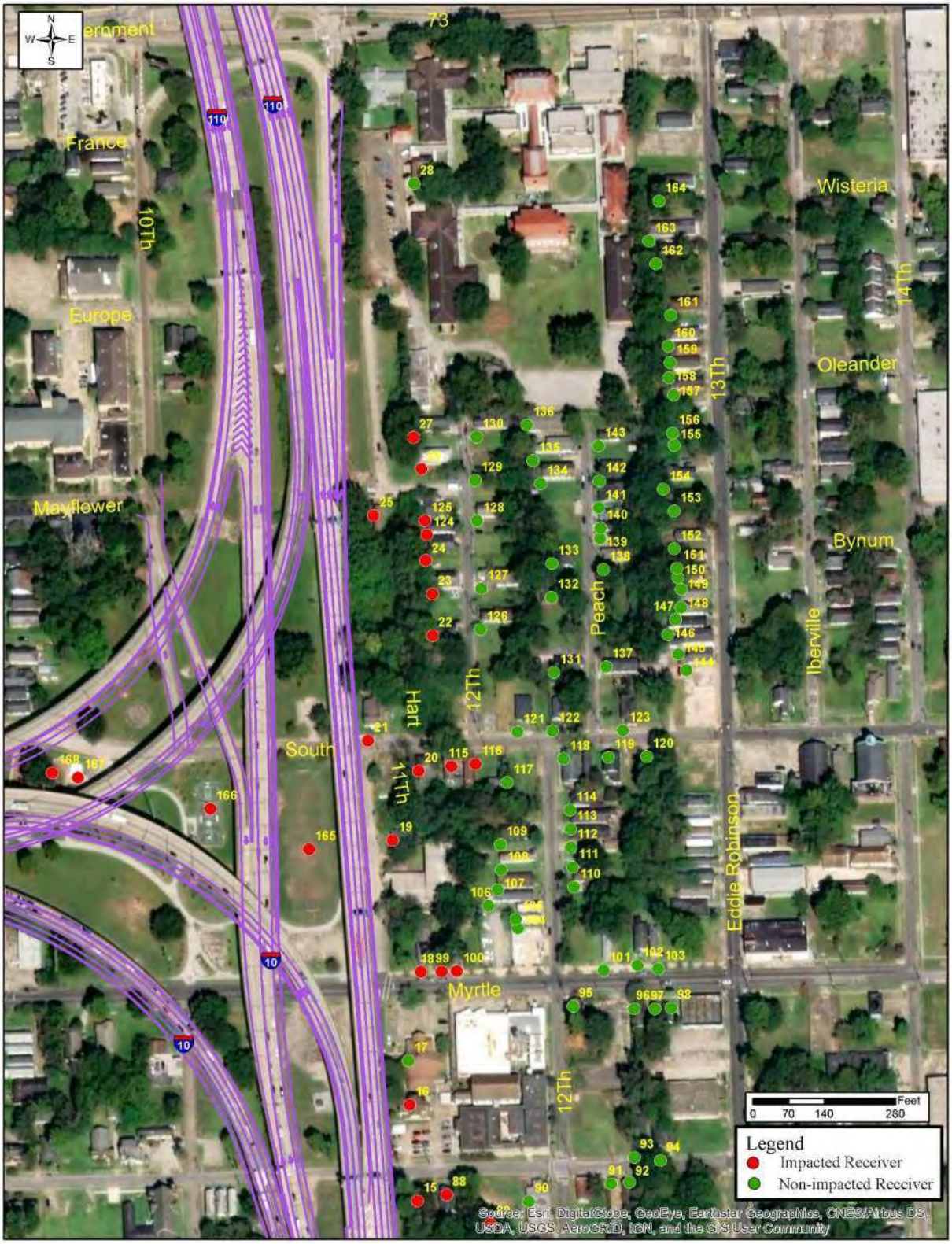
Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	644 South Blvd	1	B	Yes	28	74.7	73.8	-0.9	Yes	No	Yes	1
31	640 South Blvd	1	B	Yes	26	74.7	73.8	-0.9	Yes	No	Yes	1
32	620 South Blvd	1	B	Yes	60	73.7	72.9	-0.8	Yes	No	Yes	1
33	602 South Blvd	1	B	Yes	64	74.3	73.1	-1.2	Yes	No	Yes	1
34	New St Luke Bapt Church	1	D	Yes	25	49.7	48.8	-0.9	No	No	No	0
35	510 South Blvd	1	B	Yes	65	73.2	72.7	-0.5	Yes	No	Yes	1
36	Odell Williams Museum of Afr Amer History	1	C	Yes	29	74.7	73.7	-1.0	Yes	No	Yes	1
37	965 St Charles St	1	B	Yes	19	78.1	77.6	-0.5	Yes	No	Yes	1
38	600 S 10th St	1	B	No		67.3	65.2	-2.1	No	No	No	0
39	604 S 10th St	1	B	No		67.0	64.9	-2.1	No	No	No	0
40	618 S 10th St	1	B	No		66.8	64.9	-1.9	No	No	No	0
41	986 France St	1	B	No		65.0	62.5	-2.5	No	No	No	0
42	527 East Blvd	1	B	No		64.1	61.5	-2.6	No	No	No	0
43	533 East Blvd	1	B	No		64.0	61.4	-2.6	No	No	No	0
44	601 East Blvd	1	B	No		64.0	60.9	-3.1	No	No	No	0
45	605 East Blvd	1	B	No		63.7	60.8	-2.9	No	No	No	0
46	615 East Blvd	1	B	No		63.6	60.7	-2.9	No	No	No	0
47	621 East Blvd	1	B	No		63.4	60.6	-2.8	No	No	No	0
48	602 East Blvd	1	B	No		61.9	59.8	-2.1	No	No	No	0
49	612 East Blvd	1	B	No		61.8	59.7	-2.1	No	No	No	0
50	618 East blvd	1	B	No		61.6	59.4	-2.2	No	No	No	0
51	634 East Blvd	1	B	No		61.4	59.3	-2.1	No	No	No	0
52	640 East Blvd	1	B	No		61.6	59.5	-2.1	No	No	No	0
53	646 East Blvd	1	B	No		61.9	60.2	-1.7	No	No	No	0
54	St Agnes Cath Church	1	C	No	385	64.4	62.8	-1.6	No	No	No	0
55	710 East Blvd	1	B	No		62.3	60.7	-1.6	No	No	No	0
56	712 East Blvd	1	B	No		63.0	61.2	-1.8	No	No	No	0
57	728 East Blvd	1	B	No		64.1	62.4	-1.7	No	No	No	0
58	736 East Blvd	1	B	No		65.3	63.6	-1.7	No	No	No	0
59	919 Mayflower St	1	B	No		64.1	62.7	-1.4	No	No	No	0
60	917 Mayflower St	1	B	No		64.4	63.1	-1.3	No	No	No	0
61	757 Maximilian St	1	B	No		64.1	62.9	-1.2	No	No	No	0
62	801 East Blvd	1	B	No	298	67.5	65.1	-2.4	No	No	No	0
63	840/842 East Blvd	2	B	No	188	68.3	65.9	-2.4	Yes	No	Yes	2
64	830 East Blvd	1	B	No	225	67.6	65.2	-2.4	No	No	No	0
65	820 East Blvd	1	B	No		67.2	64.9	-2.3	No	No	No	0
66	810 East Blvd	1	B	No		66.6	64.5	-2.1	No	No	No	0
67	806 East Blvd	1	B	No		66.2	64.1	-2.1	No	No	No	0
68	922 Mayflower St	1	B	No		66.5	64.8	-1.7	No	No	No	0
69	916 Mayflower St	1	B	No		65.8	63.9	-1.9	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
70	835 Maximilian St	1	B	No		66.6	65.0	-1.6	No	No	No	0
71	841 Maximilian St	1	B	No		66.8	64.8	-2.0	No	No	No	0
72	847 Maximilian St	1	B	No	218	68.2	66.0	-2.2	Yes	No	Yes	1
73	FLAIM Elem Playground (South)	1	C	No	182	68.2	66.7	-1.5	Yes	No	Yes	1
74	FLAIM Elem Playground (West)	1	C	No		65.9	65.4	-0.5	No	No	No	0
75	FLAIM Elem Classroom Ext (South)	1	D	No	225	42.8	41.2	-1.6	No	No	No	0
76	FLAIM Elem Classroom Ext (West)	1	D	No		37.8	37.8	0.0	No	No	No	0
77	448 South Blvd	1	B	No	63	73.0	73.0	0.0	Yes	No	Yes	1
78	442 South Blvd	1	B	No	61	72.9	72.8	-0.1	Yes	No	Yes	1
79	440 South Blvd	1	B	No	66	73.5	73.1	-0.4	Yes	No	Yes	1
80	847 Mayflower St	1	B	No		62.7	61.3	-1.4	No	No	No	0
81	833 Mayflower St	1	B	No		62.0	61.2	-0.8	No	No	No	0
82	827 Mayflower St	1	B	No		62.2	61.6	-0.6	No	No	No	0
83	809/811 Mayflower St	2	B	No		61.7	61.4	-0.3	No	No	No	0
84	805/807 Mayflower St	2	B	No		61.9	61.6	-0.3	No	No	No	0
85	736 St Joseph St	1	B	No		62.3	61.7	-0.6	No	No	No	0
86	747 Mayflower St	1	B	No		61.4	60.9	-0.5	No	No	No	0
87	745 Mayflower St	1	B	No		61.0	60.2	-0.8	No	No	No	0
88	741 Mayflower St	1	B	No		60.2	59.3	-0.9	No	No	No	0
89	755 Napolean St	1	B	No		52.3	53.8	1.5	No	No	No	0
90	758 Napolean St	1	B	No		52.6	51.6	-1.0	No	No	No	0
91	603 Mayflower St	1	B	No		51.5	51.0	-0.5	No	No	No	0
92	601 Mayflower St	1	B	No		52.2	52.8	0.6	No	No	No	0
93	757/759 St Charles St	2	B	No		54.0	55.9	1.9	No	No	No	0
94	427 Mayflower St	1	B	No		56.1	58.4	2.3	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


N
W
E
S
ernment
France
Europe
Mayflower
10Th
11Th
12Th
13Th
14Th
Hart
South
Myrtle
Peach
Wisteria
Oleander
Bynum
Iberville
Eddie Robinson
110
10
Feet
0 70 140 280
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB2 (1 of 2)


N
W
E
S
11Th
12Th
14Th
15Th
Bruce
Terrace
Smith
Orange
Swart
Pecan
Apple
Burns
Cotton
Hickory
Louise
Utah
Howard
Education
Thomas H Delpit
Lettsworth
Alice
Fig
Washington
Alabama
Tennessee
Georgia
Kentucky
Meadow
Braddock
Eddie Robinson
10
Feet
0 70 140 280
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB2 (2 of 2)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB2
Description:	East of I-110 and I-10, between Government St and East Washington Street
Design Year:	2040
Alternative:	Build
Total Receptors	172

IMPACTS (w/barrier)	
Category B Impacts	*57*
Category C Impacts	*7*
Category D Impacts	*0*
Category E Impacts	*0*
Total Impacts	*64*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	1205 Fig St	1	B	Yes	155	72.0	70.8	-1.2	Yes	No	Yes	1
2	1134 Pear St	1	B	Yes	126	72.3	71.5	-0.8	Yes	No	Yes	1
3	1120 Pear St	1	B	Yes	107	73.0	72.3	-0.7	Yes	No	Yes	1
4	1185 Pear St	1	B	Yes	112	73.6	72.8	-0.8	Yes	No	Yes	1
5	Mckinley Middle Classroom Ext (West)	1	D	Yes	137	46.3	45.4	-0.9	No	No	No	0
6	McKinley Middle Classroom Ext (North)	1	D	Yes	179	41.8	39.8	-2.0	No	No	No	0
7	1103 Louise St	1	B	Yes	30	74.9	73.9	-1.0	Yes	No	Yes	1
8	1117 Louise St	1	B	No	100	72.1	71.3	-0.8	Yes	No	Yes	1
9	1125 Hickory St	1	B	Yes	138	71.7	70.3	-1.4	Yes	No	Yes	1
10	1117 Pecan St	1	B	Yes	71	74.4	72.6	-1.8	Yes	No	Yes	1
11	1120 Swart St	1	B	Yes	86	73.8	71.4	-2.4	Yes	No	Yes	1
12	1349 McCalop St	1	B	Yes	25	76.0	74.4	-1.6	Yes	No	Yes	1
13	1138 Terrace St	1	B	Yes	48	76.2	74.5	-1.7	Yes	No	Yes	1
14	1123 Terrace St	1	B	Yes	26	76.2	74.5	-1.7	Yes	No	Yes	1
15	1108 Julia St	1	B	Yes	44	76.0	74.8	-1.2	Yes	No	Yes	1
16	St Francis Xavier Ch (courtyard)	1	C	Yes	43	75.3	74.7	-0.6	Yes	No	Yes	1
17	St Francis Xavier Ch (West)	1	D	Yes	48	50.8	49.9	-0.9	No	No	No	0
18	1107 Myrtle St	1	B	Yes	86	73.5	71.8	-1.7	Yes	No	Yes	1
19	927 S 11th St	1	B	Yes	50	74.7	72.9	-1.8	Yes	No	Yes	1
20	1118 South St	1	B	Yes	112	73.0	70.8	-2.2	Yes	No	Yes	1
21	1073 South St	1	B	Yes	19	78.7	78.0	-0.7	Yes	No	Yes	1
22	846 S 12th St	1	B	Yes	155	72.5	70.2	-2.3	Yes	No	Yes	1
23	824 S 12th St	1	B	Yes	165	72.1	69.8	-2.3	Yes	No	Yes	1
24	810 S 12th St	1	B	Yes	155	72.1	69.7	-2.4	Yes	No	Yes	1
25	1084 Mayflower St	1	B	Yes	53	74.2	72.5	-1.7	Yes	No	Yes	1
26	714 S 12th St	1	B	Yes		70.0	66.3	-3.7	Yes	No	Yes	1
27	702 S 12th St	1	B	Yes		70.4	66.9	-3.5	Yes	No	Yes	1
28	Former LSVI Campus (use TBD)	1	D	Yes		45.5	41.9	-3.6	No	No	No	0
29	1223 E Washington St	1	B	No	205	69.3	68.0	-1.3	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	1229 E Washington St	1	B	No		68.3	67.3	-1.0	Yes	No	Yes	1
31	1235 E Washington St	1	B	No		66.9	66.3	-0.6	Yes	No	Yes	1
32	1237 E Washington St	1	B	No		66.9	66.4	-0.5	Yes	No	Yes	1
33	1303 E Washington St	1	B	No		66.3	65.8	-0.5	Yes	No	Yes	1
34	1305 E Washington St	1	B	No		65.0	64.7	-0.3	No	No	No	0
35	1319 E Washington St	1	B	No		65.0	64.7	-0.3	No	No	No	0
36	1321 E Washington St	1	B	No		64.1	63.9	-0.2	No	No	No	0
37	1325 E Washington St	1	B	No		63.9	63.8	-0.1	No	No	No	0
38	1327 E Washington St	1	B	No		62.9	63.0	0.1	No	No	No	0
39	1211 Fig St	1	B	No		68.3	67.2	-1.1	Yes	No	Yes	1
40	1237 Fig St	1	B	No		67.1	66.4	-0.7	Yes	No	Yes	1
41	1249 Fig St	1	B	No		66.5	66.2	-0.3	Yes	No	Yes	1
42	1263 Fig St	1	B	No		65.4	65.3	-0.1	No	No	No	0
43	1774 Eddie Robinson Sr Dr	1	B	No		64.6	64.5	-0.1	No	No	No	0
44	1768 Eddie Robinson Sr Dr	1	B	No		64.5	64.4	-0.1	No	No	No	0
45	1762 Eddie Robinson Sr Dr	1	B	No		64.6	64.5	-0.1	No	No	No	0
46	1740 Eddie Robinson Sr Dr	1	B	No		62.9	62.9	0.0	No	No	No	0
47	1258 Pear St	1	B	No		67.8	67.3	-0.5	Yes	No	Yes	1
48	1280 Pear St	1	B	No		65.8	65.5	-0.3	Yes	No	Yes	1
49	1338 Pear St (Duplex)	2	B	No		64.7	64.5	-0.2	No	No	No	0
50	1344 Pear St (Duplex)	2	B	No		64.2	64.0	-0.2	No	No	No	0
51	1173 Pear St	1	B	No	148	70.9	70.4	-0.5	Yes	No	Yes	1
52	1217 Pear St	1	B	No		67.4	66.5	-0.9	Yes	No	Yes	1
53	1225 Pear St	1	B	No		67.6	66.6	-1.0	Yes	No	Yes	1
54	Brooks Park (Pool)	1	C	No		65.1	64.8	-0.3	No	No	No	0
55	Brooks Park (Playground)	1	C	No		65.7	65.2	-0.5	No	No	No	0
56	1123 Louise St	1	B	No	130	70.7	69.9	-0.8	Yes	No	Yes	1
57	McKnowen MBapt Church (no ext use)	1	D	No		42.1	40.7	-1.4	No	No	No	0
58	1265 Louise St	1	B	No		61.7	61.0	-0.7	No	No	No	0
59	1137 Hickory St	1	B	No		66.7	63.7	-3.0	No	No	No	0
60	1207 Hickory St	1	B	No		67.1	65.7	-1.4	Yes	No	Yes	1
61	1255 Hickory St	1	B	No		63.7	62.3	-1.4	No	No	No	0
62	1129 Pecan St	1	B	No	150	71.8	69.7	-2.1	Yes	No	Yes	1
63	1128 Swart St	1	B	No	133	70.5	69.0	-1.5	Yes	No	Yes	1
64	1132 Swart St	1	B	No	162	69.8	68.3	-1.5	Yes	No	Yes	1
65	1138 Swart St	1	B	No		67.3	65.0	-2.3	No	No	No	0
66	1158 Swart St	1	B	No		67.2	65.0	-2.2	No	No	No	0
67	1408 Swart St	1	B	No		64.4	63.3	-1.1	No	No	No	0
68	1145 Swart St	1	B	No		70.3	67.3	-3.0	Yes	No	Yes	1
69	1163 Swart St	1	B	No		69.6	67.1	-2.5	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
70	1181 Swart St	1	B	No		67.0	65.0	-2.0	No	No	No	0
71	1249 Swart St	1	B	No		66.6	65.2	-1.4	No	No	No	0
72	1265 Swart St	1	B	No		65.3	64.2	-1.1	No	No	No	0
73	1150 Terrace St (Apts 1st floor)	2	B	No	104	72.5	70.4	-2.1	Yes	No	Yes	2
74	1150 Terrace St (Apts 2nd floor)	2	B	No	106	73.9	72.1	-1.8	Yes	No	Yes	2
75	New Prospect MBapt Church (no ext)	1	D	No		44.3	41.6	-2.7	No	No	No	0
76	1125 Terrace St	1	B	No	103	73.4	70.7	-2.7	Yes	No	Yes	1
77	St Francis Xavier Early Child Dev (playground)	1	C	No		70.7	67.4	-3.3	Yes	No	Yes	1
78	1209 Terrace St	1	B	No		67.2	65.3	-1.9	No	No	No	0
79	1217 Terrace St	1	B	No		66.7	64.9	-1.8	No	No	No	0
80	1223 Terrace St	1	B	No		66.5	64.7	-1.8	No	No	No	0
81	1225 Terrace St	1	B	No		65.9	64.2	-1.7	No	No	No	0
82	1233 Terrace St	1	B	No		65.6	63.9	-1.7	No	No	No	0
83	1235 Terrace St	1	B	No		64.8	63.1	-1.7	No	No	No	0
84	1232 S 12th St	1	B	No	200	70.7	67.9	-2.8	Yes	No	Yes	1
85	1226 S 12th St	1	B	No		70.2	67.7	-2.5	Yes	No	Yes	1
86	1245 S 12th St	1	B	No		67.4	65.2	-2.2	No	No	No	0
87	1237 S 12th St	1	B	No		67.0	64.8	-2.2	No	No	No	0
88	1112 Julia St	1	B	No		71.1	68.3	-2.8	Yes	No	Yes	1
89	St Francis Xavier Child Care Ctr (playground)	1	C	No		70.9	68.0	-2.9	Yes	No	Yes	1
90	St Francis Xavier Child Care Ctr (ext)	1	D	No		44.1	41.6	-2.5	No	No	No	0
91	1208 Julia St	1	B	No		65.0	63.0	-2.0	No	No	No	0
92	1214 Julia St	1	B	No		63.9	62.3	-1.6	No	No	No	0
93	1219 Julia St	1	B	No		63.6	61.7	-1.9	No	No	No	0
94	1227 Julia St	1	B	No		63.8	62.0	-1.8	No	No	No	0
95	1202 Myrtle St	1	B	No		64.3	61.7	-2.6	No	No	No	0
96	1214 Myrtle St	1	B	No		62.9	60.7	-2.2	No	No	No	0
97	1218 Myrtle St	1	B	No		63.3	61.5	-1.8	No	No	No	0
98	1220 Myrtle St	1	B	No		63.2	61.5	-1.7	No	No	No	0
99	1109 Myrtle St	1	B	No	125	72.0	69.9	-2.1	Yes	No	Yes	1
100	1113 Myrtle St	1	B	No	155	71.1	69.2	-1.9	Yes	No	Yes	1
101	1209 Myrtle St	1	B	No		64.6	62.1	-2.5	No	No	No	0
102	1225 Myrtle St	1	B	No		60.7	58.5	-2.2	No	No	No	0
103	1227 Myrtle St	1	B	No		61.1	59.3	-1.8	No	No	No	0
104	968 S 12th St	1	B	No		67.1	64.5	-2.6	No	No	No	0
105	966 S 12th St	1	B	No		67.0	64.3	-2.7	No	No	No	0
106	962 S 12th St	1	B	No		66.1	63.2	-2.9	No	No	No	0
107	954 S 12th St	1	B	No		65.3	62.4	-2.9	No	No	No	0
108	946 S 12th St	1	B	No		65.8	62.4	-3.4	No	No	No	0
109	932 S 12th St	1	B	No		67.2	63.8	-3.4	No	No	No	0

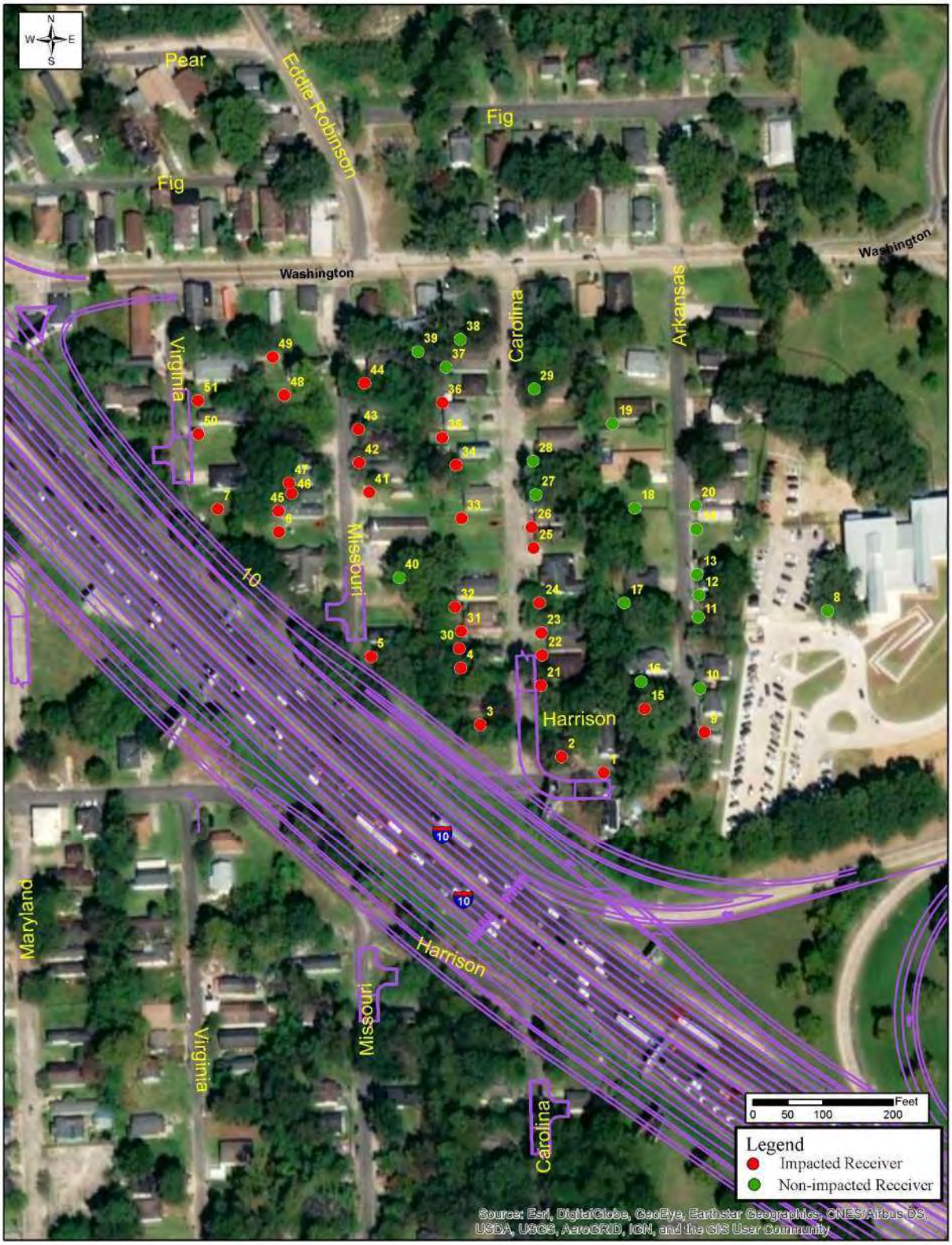
Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
110	951 S 12th St	1	B	No		65.9	63.5	-2.4	No	No	No	0
111	945 S 12th St	1	B	No		65.9	63.5	-2.4	No	No	No	0
112	917 S 12th St	1	B	No		65.9	63.4	-2.5	No	No	No	0
113	915 S 12th St	1	B	No		66.0	63.4	-2.6	No	No	No	0
114	911 S 12th St	1	B	No		66.0	63.4	-2.6	No	No	No	0
115	1128 South St	1	B	No		69.5	66.1	-3.4	Yes	No	Yes	1
116	1134 South St	1	B	No		69.3	66.1	-3.2	Yes	No	Yes	1
117	1146 South St	1	B	No		67.7	64.7	-3.0	No	No	No	0
118	1202 South St	1	B	No		66.1	63.5	-2.6	No	No	No	0
119	1204 South St	1	B	No		64.5	61.7	-2.8	No	No	No	0
120	1210 South St	1	B	No		62.6	60.0	-2.6	No	No	No	0
121	1121 South St	1	B	No		67.7	64.9	-2.8	No	No	No	0
122	1131 South St	1	B	No		65.0	62.6	-2.4	No	No	No	0
123	1211 South St	1	B	No		63.1	60.7	-2.4	No	No	No	0
124	804 S 12th St	1	B	No		70.5	66.9	-3.6	Yes	No	Yes	1
125	744 S 12th St	1	B	No		70.2	66.5	-3.7	Yes	No	Yes	1
126	839 S 12th St	1	B	No		68.5	65.3	-3.2	No	No	No	0
127	823 S 12th St	1	B	No		68.5	65.3	-3.2	No	No	No	0
128	763 S 12th St	1	B	No		67.1	63.8	-3.3	No	No	No	0
129	721 S 12th St	1	B	No		66.9	63.6	-3.3	No	No	No	0
130	703 S 12th St	1	B	No		67.0	64.2	-2.8	No	No	No	0
131	870 Peach St	1	B	No		65.9	62.9	-3.0	No	No	No	0
132	842 Peach St	1	B	No		65.9	62.9	-3.0	No	No	No	0
133	826 Peach St	1	B	No		65.7	62.6	-3.1	No	No	No	0
134	712 Peach St	1	B	No		64.3	61.3	-3.0	No	No	No	0
135	706 Peach St	1	B	No		63.9	61.1	-2.8	No	No	No	0
136	702 Peach St	1	B	No		62.3	59.4	-2.9	No	No	No	0
137	871 Peach St	1	B	No		63.0	60.1	-2.9	No	No	No	0
138	833 Peach St	1	B	No		64.1	61.2	-2.9	No	No	No	0
139	807 Peach St	1	B	No		64.5	61.6	-2.9	No	No	No	0
140	805 Peach St	1	B	No		64.5	61.6	-2.9	No	No	No	0
141	803 Peach St	1	B	No		64.2	61.2	-3.0	No	No	No	0
142	711 Peach St	1	B	No		63.4	60.5	-2.9	No	No	No	0
143	701 Peach St	1	B	No		62.1	59.3	-2.8	No	No	No	0
144	860 Eddie Robinson Sr Dr	1	B	No		62.7	60.4	-2.3	No	No	No	0
145	850 Eddie Robinson Sr Dr	1	B	No		62.7	60.4	-2.3	No	No	No	0
146	848 Eddie Robinson Sr Dr	1	B	No		63.1	60.7	-2.4	No	No	No	0
147	844 Eddie Robinson Sr Dr	1	B	No		63.1	60.8	-2.3	No	No	No	0
148	834 Eddie Robinson Sr Dr	1	B	No		63.2	60.7	-2.5	No	No	No	0
149	828 Eddie Robinson Sr Dr	1	B	No		63.2	60.7	-2.5	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
150	826 Eddie Robinson Sr Dr	1	B	No		63.3	60.8	-2.5	No	No	No	0
151	824 Eddie Robinson Sr Dr	1	B	No		63.0	60.5	-2.5	No	No	No	0
152	810 Eddie Robinson Sr Dr	1	B	No		63.1	60.5	-2.6	No	No	No	0
153	722 Eddie Robinson Sr Dr	1	B	No		63.1	60.4	-2.7	No	No	No	0
154	714 Eddie Robinson Sr Dr	1	B	No		62.7	60.0	-2.7	No	No	No	0
155	706 Eddie Robinson Sr Dr	1	B	No		61.3	58.8	-2.5	No	No	No	0
156	702 Eddie Robinson Sr Dr	1	B	No		61.4	58.8	-2.6	No	No	No	0
157	640 Eddie Robinson Sr Dr	1	B	No		61.0	58.3	-2.7	No	No	No	0
158	638 Eddie Robinson Sr Dr	1	B	No		60.9	58.3	-2.6	No	No	No	0
159	632 Eddie Robinson Sr Dr	1	B	No		60.5	57.9	-2.6	No	No	No	0
160	626 Eddie Robinson Sr Dr	1	B	No		60.2	57.7	-2.5	No	No	No	0
161	614 Eddie Robinson Sr Dr	1	B	No		58.6	56.6	-2.0	No	No	No	0
162	590 Eddie Robinson Sr Dr	1	B	No		50.7	50.0	-0.7	No	No	No	0
163	576 Eddie Robinson Sr Dr	1	B	No		52.3	50.4	-1.9	No	No	No	0
164	564 Eddie Robinson Sr Dr	1	B	No		52.0	51.0	-1.0	No	No	No	0
165	Expressway Park (Football)	1	C	No	40	76.0	74.9	-1.1	Yes	No	Yes	1
166	Expressway Park (BBall)	1	C	No	40	75.4	74.5	-0.9	Yes	No	Yes	1
167	Expressway Park (Picnic Shelter)	1	C	No	45	75.3	74.4	-0.9	Yes	No	Yes	1
168	Expressway Park (playground)	1	C	No	40	75.1	74.4	-0.7	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


N
W
E
S
Pear
Eddie Robinson
Fig
Fig
Washington
Washington
Virginia
Carolina
Arkansas
Missouri
10
Harrison
Maryland
Virginia
Missouri
Harrison
Carolina
Feet
0 50 100 200
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB3 (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB3
Description:	North of I-10 between East Washington Street and Dalrymple Drive
Design Year:	2040
Alternative:	Build
Total Receptors	53

IMPACTS	
Category B Impacts	*35*
Category C Impacts	*0*
Category D Impacts	*0*
Category E Impacts	*0*
Total Impacts	*35*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	1421 E Harrison St	1	B	Yes		71.5	67.5	-4.0	Yes	No	Yes	1
2	1417 E Harrison St	1	B	Yes		73.0	67.4	-5.6	Yes	No	Yes	1
3	1950 Carolina St	1	B	Yes		75.2	70.0	-5.2	Yes	No	Yes	1
4	1936 Carolina St	1	B	Yes		73.3	71.3	-2.0	Yes	No	Yes	1
5	1935 Missouri St	1	B	Yes		75.7	73.3	-2.4	Yes	No	Yes	1
6	1864 Missouri St	1	B	Yes		73.9	75.4	1.5	Yes	No	Yes	1
7	1855 Virginia St	1	B	Yes		76.1	75.8	-0.3	Yes	No	Yes	1
8	Knock Knock Childrens Museum (picnic)	1	B	Yes		64.7	63.3	-1.4	No	No	No	0
9	1965 Arkansas St	1	B	No		67.9	65.7	-2.2	Yes	No	Yes	1
10	1955 Arkansas St	1	B	No		66.3	64.7	-1.6	No	No	No	0
11	1925 Arkansas St	1	B	No		64.9	63.8	-1.1	No	No	No	0
12	1921 Arkansas St	1	B	No		63.8	62.3	-1.5	No	No	No	0
13	1915 Arkansas St	1	B	No		63.1	62.8	-0.3	No	No	No	0
14	1901 Arkansas St	1	B	No		62.8	63.3	0.5	No	No	No	0
15	1966 Arkansas St	1	B	No		68.1	66.3	-1.8	Yes	No	Yes	1
16	1956 Arkansas St	1	B	No		67.1	65.3	-1.8	No	No	No	0
17	1920 Arkansas St	1	B	No		65.7	65.1	-0.6	No	No	No	0
18	1854 Arkansas St	1	B	No		62.7	63.2	0.5	No	No	No	0
19	1842 Arkansas St	1	B	No		61.6	62.2	0.6	No	No	No	0
20	1861 Arkansas St	1	B	No		62.4	62.9	0.5	No	No	No	0
21	1933 Carolina St	1	B	No		71.1	68.1	-3.0	Yes	No	Yes	1
22	1929 Carolina St	1	B	No		69.5	67.6	-1.9	Yes	No	Yes	1
23	1925 Carolina St	1	B	No		68.3	67.2	-1.1	Yes	No	Yes	1
24	1913 Carolina St	1	B	No		67.2	66.8	-0.4	Yes	No	Yes	1
25	1873 Carolina St	1	B	No		66.8	67.2	0.4	Yes	No	Yes	1
26	1867 Carolina St	1	B	No		66.3	66.5	0.2	Yes	No	Yes	1
27	1855 Carolina St	1	B	No		65.0	65.2	0.2	No	No	No	0
28	1843 Carolina St	1	B	No		63.8	64.4	0.6	No	No	No	0
29	1819 Carolina St	1	B	No		62.0	63.0	1.0	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	1930 Carolina St	1	B	No		72.8	71.2	-1.6	Yes	No	Yes	1
31	1922 Carolina St	1	B	No		71.9	70.8	-1.1	Yes	No	Yes	1
32	1918 Carolina St	1	B	No		71.3	70.7	-0.6	Yes	No	Yes	1
33	1860 Carolina St	1	B	No		67.7	68.4	0.7	Yes	No	Yes	1
34	1844 Carolina St	1	B	No		65.9	67.3	1.4	Yes	No	Yes	1
35	1840 Carolina St	1	B	No		65.4	67.0	1.6	Yes	No	Yes	1
36	1828 Carolina St	1	B	No		64.4	66.2	1.8	Yes	No	Yes	1
37	1822 Carolina St	1	B	No		63.5	65.4	1.9	No	No	No	0
38	1430 E Washington St	1	B	No		62.7	64.5	1.8	No	No	No	0
39	1428 E Washington St	1	B	No		63.2	65.2	2.0	No	No	No	0
40	Ebenezer Bapt Ch (no ext use)	1	D	No		46.3	47.1	0.8	No	No	No	0
41	1853 Missouri St	1	B	No		68.6	70.4	1.8	Yes	No	Yes	1
42	1843 Missouri St	1	B	No		68.6	70.3	1.7	Yes	No	Yes	1
43	1835 Missouri St	1	B	No		67.9	69.6	1.7	Yes	No	Yes	1
44	1815/1817 Missouri St	2	B	No		65.8	67.7	1.9	Yes	No	Yes	2
45	1860 Missouri St	1	B	No		73.1	74.5	1.4	Yes	No	Yes	1
46	1856 Missouri St	1	B	No		71.6	73.2	1.6	Yes	No	Yes	1
47	1852 Missouri St	1	B	No		71.1	72.8	1.7	Yes	No	Yes	1
48	1824 Missouri St	1	B	No		68.8	69.9	1.1	Yes	No	Yes	1
49	1326 E Washington St	1	B	No		67.8	68.4	0.6	Yes	No	Yes	1
50	1835 Virginia St	1	B	No		73.6	72.6	-1.0	Yes	No	Yes	1
51	1821/1823 Virginia St	2	B	No		71.9	71.0	-0.9	Yes	No	Yes	2

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Lake Hills
Lakeshore
Cottonwood
Dogwood
Baywood
Ebony
Hillsdale
Estates
Fiero
Elissalde
Christian
427
10
10
N
W
E
S
Feet
0 65 130 260
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB4a (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB4a
Description:	North of I-10 between East Lakeshore Drive and Perkins Road
Design Year:	2040
Alternative:	Build
Total Receptors	55

IMPACTS (w/barrier)	
Category B Impacts	*28*
Category C Impacts	*0*
Category D Impacts	*0*
Category E Impacts	*1*
Total Impacts	*29*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	Duvics (patio)	1	E	Yes	80	73.9	71.6	-2.3	Yes	No	Yes	1
2	2261 Elissalde St	1	B	Yes		75.2	72.3	-2.9	Yes	No	Yes	1
3	2440 Baywood Ave	1	B	Yes		72.2	72.2	0.0	Yes	No	Yes	1
4	2424 Baywood Ave	1	B	Yes		74.1	74.0	-0.1	Yes	No	Yes	1
5	2266 Ebony Ave	1	B	Yes		74.8	74.8	0.0	Yes	No	Yes	1
6	2398 Baywood Ave	1	B	Yes		75.5	75.6	0.1	Yes	No	Yes	1
7	2378 Baywood Ave	1	B	Yes		75.0	75.0	0.0	Yes	No	Yes	1
8	2358 Baywood Ave	1	B	Yes		76.2	75.8	-0.4	Yes	No	Yes	1
9	2344 Baywood Ave	1	B	Yes		77.0	76.8	-0.2	Yes	No	Yes	1
10	2280 Baywood Ave	1	B	Yes		78.2	77.9	-0.3	Yes	No	Yes	1
11	2315 Cottonwood Ave	1	B	Yes		73.8	73.9	0.1	Yes	No	Yes	1
12	2215 E l akeshore Dr	1	B	Yes		75.1	75.1	0.0	Yes	No	Yes	1
13	2285 Elissalde St	1	B	No		72.9	71.6	-1.3	Yes	No	Yes	1
14	2278 Elissalde St	1	B	No		71.6	71.6	0.0	Yes	No	Yes	1
15	2295 Elissalde St	1	B	No		69.0	68.6	-0.4	Yes	No	Yes	1
16	2472 Baywood Ave	1	B	No		70.8	70.9	0.1	Yes	No	Yes	1
17	2448 Baywood Ave	1	B	No		68.7	68.6	-0.1	Yes	No	Yes	1
18	2559 Hillsdale Dr	1	B	No		64.4	64.1	-0.3	No	No	No	0
19	2549 Hillsdale Dr	1	B	No		64.6	64.9	0.3	No	No	No	0
20	2515 Hillsdale Dr	1	B	No		64.6	64.8	0.2	No	No	No	0
21	2469 Hillsdale Dr	1	B	No		63.9	64.3	0.4	No	No	No	0
22	2459 Hillsdale Dr	1	B	No		63.4	63.7	0.3	No	No	No	0
23	2460 Dogwood Ave	1	B	No		67.9	67.9	0.0	Yes	No	Yes	1
24	2448 Dogwood Ave	1	B	No		68.1	68.2	0.1	Yes	No	Yes	1
25	2436 Dogwood Dr	1	B	No		68.4	68.4	0.0	Yes	No	Yes	1
26	2424 Dogwood Dr	1	B	No		68.8	68.9	0.1	Yes	No	Yes	1
27	2330 Ebony Ave	1	B	No		69.0	69.2	0.2	Yes	No	Yes	1
28	2313 Ebony Ave	1	B	No		69.0	69.3	0.3	Yes	No	Yes	1
29	2373 Baywood Dr	1	B	No		69.3	69.5	0.2	Yes	No	Yes	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	2367 Baywood Dr	1	B	No		69.0	69.2	0.2	Yes	No	Yes	1
31	2335 Baywood Dr	1	B	No		69.1	69.6	0.5	Yes	No	Yes	1
32	2312 Cottonwood Ave	1	B	No		69.5	70.0	0.5	Yes	No	Yes	1
33	2455 Dogwood Ave	1	B	No		64.0	64.2	0.2	No	No	No	0
34	2439 Dogwood Ave	1	B	No		63.5	63.7	0.2	No	No	No	0
35	2421 Dogwood Ave	1	B	No		63.7	63.9	0.2	No	No	No	0
36	2415 Dogwood Ave	1	B	No		63.0	63.3	0.3	No	No	No	0
37	2368 Dogwood Ave	1	B	No		64.1	64.5	0.4	No	No	No	0
38	2346 Dogwood Ave	1	B	No		64.4	64.6	0.2	No	No	No	0
39	2324 Dogwood Ave	1	B	No		64.1	64.4	0.3	No	No	No	0
40	2312 Dogwood Ave	1	B	No		64.2	64.5	0.3	No	No	No	0
41	2409 Ebony Ave	1	B	No		63.0	63.3	0.3	No	No	No	0
42	2355 Dogwood Ave	1	B	No		61.6	62.0	0.4	No	No	No	0
43	2345 Dogwood Ave	1	B	No		61.2	61.5	0.3	No	No	No	0
44	2323 Dogwood Ave	1	B	No		61.2	61.4	0.2	No	No	No	0
45	2424 Dogwood Ave	1	B	No		61.2	61.5	0.3	No	No	No	0
46	2436 Dogwood Ave	1	B	No		59.8	59.7	-0.1	No	No	No	0
47	2355 Cottonwood Ave	1	B	No		66.9	67.1	0.2	Yes	No	Yes	1
48	2387 Cottonwood Ave	1	B	No		63.5	63.1	-0.4	No	No	No	0
49	2425 Cottonwood Ave	1	B	No		62.0	61.6	-0.4	No	No	No	0
50	2435 Cottonwood Ave	1	B	No		61.8	61.5	-0.3	No	No	No	0
51	2445 Cottonwood Ave	1	B	No		60.7	60.5	-0.2	No	No	No	0
52	2151 E Lakeshore Dr	1	B	No		67.1	65.9	-1.2	Yes	No	Yes	1
53	2147E Lakeshore Dr	1	B	No		63.6	62.3	-1.3	No	No	No	0
54	2129E Lakeshore Dr	1	B	No		62.9	61.7	-1.2	No	No	No	0
55	2121 E Lakeshore Dr	1	B	No		62.5	61.4	-1.1	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Parker
Eugene
Dagget
Orpine
Rhododendron
Honeysuckle
Tyrone
Greenwood
Christian
Holydale
Ferndale
Cedardale
Acadian Trwy
Acadian Trwy
10
10
427
N
W
E
S
0 70 140 280
Feet
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB4b (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)	
Project #:	H.004100	
County:	East Baton Rouge and West Baton Rouge Parishes	
NSA	WB4b	
Description:	North of I-10 between Perkins Road and South Acadian Thruway	
Design Year:	2040	
Alternative:	Build	
Total Receptors	109	

IMPACTS (w/barrier)	
Category B Impacts	*35*
Category C Impacts	*0*
Category D Impacts	*0*
Category E Impacts	*1*
Total Impacts	*36*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	2515 Honeysuckle Ave	1	B	Yes	100	72.6	70.4	-2.2	Yes	No	Yes	1
2	2536 Honeysuckle Ave	1	B	Yes	61	73.7	71.3	-2.4	Yes	No	Yes	1
3	2525 Rhododendron Ave	1	B	Yes	106	71.0	68.9	-2.1	Yes	No	Yes	1
4	2586 Rhododendron Ave	1	B	Yes	73	72.2	71.3	-0.9	Yes	No	Yes	1
5	3333 S Eugene St	1	B	Yes	120	70.5	68.9	-1.6	Yes	No	Yes	1
6	3154 S Eugene St	1	B	Yes	29	74.1	73.5	-0.6	Yes	No	Yes	1
7	3144 S Eugene St	1	B	Yes	58	72.7	71.3	-1.4	Yes	No	Yes	1
8	3132 S Eugene St	1	B	Yes	81	72.0	70.1	-1.9	Yes	No	Yes	1
9	3128 S Eugene St	1	B	Yes	98	72.0	70.2	-1.8	Yes	No	Yes	1
10	3122 S Eugene St	1	B	Yes	125	70.4	68.9	-1.5	Yes	No	Yes	1
11	3124 S Eugene St	1	B	Yes	190	67.9	65.5	-2.4	Yes	No	Yes	1
12	3114 S Eugene St	1	B	Yes	241	67.6	65.3	-2.3	No	No	No	0
13	3047 Greenwood Dr	1	B	Yes	55	73.5	71.4	-2.1	Yes	No	Yes	1
14	3035 Greenwood Dr	1	B	Yes	72	73.7	71.8	-1.9	Yes	No	Yes	1
15	3015 Greenwood Dr	1	B	Yes	87	72.7	70.7	-2.0	Yes	No	Yes	1
16	Madera Verde Apts (courtyard)	8	B	Yes	131	71.7	69.4	-2.3	Yes	No	Yes	8
17	City Pork (patio)	1	E	Yes	29	74.8	73.6	-1.2	Yes	No	Yes	1
18	2465 Honeysuckle Ave	1	B	N	150	71.5	69.5	-2.0	Yes	No	Yes	1
19	2471 Honeysuckle Ave	1	B	N		69.4	67.2	-2.2	Yes	No	Yes	1
20	2457 Honeysuckle Ave	1	B	N		68.8	66.6	-2.2	Yes	No	Yes	1
21	2451 Honeysuckle Ave	1	B	N		67.9	66.0	-1.9	Yes	No	Yes	1
22	2435 Honeysuckle Ave	1	B	N		67.2	65.6	-1.6	Yes	No	Yes	1
23	2427 Honeysuckle Ave	1	B	N		66.4	65.1	-1.3	No	No	No	0
24	2413 Honeysuckle Ave	1	B	N		65.4	64.5	-0.9	No	No	No	0
25	2377 Honeysuckle Ave	1	B	N		64.2	63.6	-0.6	No	No	No	0
26	2520 Honeysuckle Ave	1	B	N	118	71.8	69.2	-2.6	Yes	No	Yes	1
27	2512 Honeysuckle Ave	1	B	N	162	70.8	68.4	-2.4	Yes	No	Yes	1
28	2478 Honeysuckle Ave	1	B	N		67.7	65.6	-2.1	Yes	No	Yes	1
29	2464 Honeysuckle Ave	1	B	N		67.0	64.9	-2.1	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
30	2452 Honeysuckle Ave	1	B	N		66.2	64.4	-1.8	No	No	No	0
31	2434 Honeysuckle Ave	1	B	N		65.8	64.2	-1.6	No	No	No	0
32	2428 Honeysuckle Ave	1	B	N		64.8	63.8	-1.0	No	No	No	0
33	2412 Honeysuckle Ave	1	B	N		64.1	63.3	-0.8	No	No	No	0
34	2521 Rhododendron Ave	1	B	N	188	67.6	65.0	-2.6	No	No	No	0
35	2519 Rhododendron Ave	1	B	N		66.7	64.8	-1.9	No	No	No	0
36	2483 Rhododendron Ave	1	B	N		66.3	64.6	-1.7	No	No	No	0
37	2479 Rhododendron Ave	1	B	N		65.1	63.6	-1.5	No	No	No	0
38	2475 Rhododendron Ave	1	B	N		64.3	63.1	-1.2	No	No	No	0
39	2461 Rhododendron Ave	1	B	N		63.8	62.9	-0.9	No	No	No	0
40	2433 Rhododendron Ave	1	B	N		63.1	62.4	-0.7	No	No	No	0
41	2558 Rhododendron Ave	1	B	N	127	70.2	68.6	-1.6	Yes	No	Yes	1
42	2552 Rhododendron Ave	1	B	N	162	69.2	68.2	-1.0	Yes	No	Yes	1
43	2540 Rhododendron Ave	1	B	N		66.2	64.4	-1.8	No	No	No	0
44	2520 Rhododendron Ave	1	B	N		65.9	64.4	-1.5	No	No	No	0
45	2484 Rhododendron Ave	1	B	N		65.1	63.5	-1.6	No	No	No	0
46	2462 Rhododendron Ave	1	B	N		64.6	63.2	-1.4	No	No	No	0
47	2450 Rhododendron Ave	1	B	N		64.0	62.8	-1.2	No	No	No	0
48	2444 Rhododendron Ave	1	B	N		63.5	62.5	-1.0	No	No	No	0
49	2437 Orpine Ave	1	B	N		66.4	64.9	-1.5	No	No	No	0
50	2425 Orpine Ave	1	B	N		66.4	64.8	-1.6	No	No	No	0
51	2415 Orpine Ave	1	B	N		65.9	64.3	-1.6	No	No	No	0
52	2405 Orpine Ave	1	B	N		65.6	64.0	-1.6	No	No	No	0
53	2373 Orpine Ave	1	B	N		64.2	62.9	-1.3	No	No	No	0
54	2363 Orpine Ave	1	B	N		63.4	62.4	-1.0	No	No	No	0
55	2357 Orpine Ave	1	B	N		63.1	62.2	-0.9	No	No	No	0
56	2353 Orpine Ave	1	B	N		62.9	62.1	-0.8	No	No	No	0
57	2347 Orpine Ave	1	B	N		62.6	62.2	-0.4	No	No	No	0
58	3177 S Eugene St	1	B	N		66.9	65.0	-1.9	No	No	No	0
59	2428 Orpine Ave	1	B	N		66.4	64.9	-1.5	No	No	No	0
60	2438 Orpine Ave	1	B	N		65.7	64.4	-1.3	No	No	No	0
61	2446 Orpine Ave	1	B	N		65.2	64.0	-1.2	No	No	No	0
62	2466 Orpine Ave	1	B	N		64.8	63.6	-1.2	No	No	No	0
63	3266 Tyrone Dr	1	B	N		64.6	63.6	-1.0	No	No	No	0
64	2348 Orpine Ave	1	B	N		62.2	61.9	-0.3	No	No	No	0
65	2473 Daggett Ave	1	B	N		66.4	64.7	-1.7	No	No	No	0
66	2461 Daggett Ave	1	B	N		65.0	63.6	-1.4	No	No	No	0
67	2449 Daggett Ave	1	B	N		65.0	63.5	-1.5	No	No	No	0
68	2437 Daggett Ave	1	B	N		64.3	62.9	-1.4	No	No	No	0
69	2425 Daggett Ave	1	B	N		63.9	62.8	-1.1	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
70	3224 Tyone Dr	1	B	N		58.3	57.6	-0.7	No	No	No	0
71	2363 Daggett Ave	1	B	N		62.6	62.0	-0.6	No	No	No	0
72	2460 Daggett Ave	1	B	N		65.4	63.8	-1.6	No	No	No	0
73	3166 Tyrone Dr	1	B	N		63.3	62.4	-0.9	No	No	No	0
74	3108 S Eugene St	1	B	N		67.2	65.0	-2.2	No	No	No	0
75	3084 S Eugene St	1	B	N		66.8	64.7	-2.1	No	No	No	0
76	3076 S Eugene St	1	B	N		66.4	64.6	-1.8	No	No	No	0
77	3054 S Eugene St	1	B	N		66.0	64.5	-1.5	No	No	No	0
78	3040 S Eugene St	1	B	N		66.2	64.6	-1.6	No	No	No	0
79	3024 S Eugene St	1	B	N		65.8	64.5	-1.3	No	No	No	0
80	2956 S Eugene St	1	B	N		65.6	64.5	-1.1	No	No	No	0
81	2948 S Eugene St	1	B	N		65.1	64.1	-1.0	No	No	No	0
82	2932 S Eugene St	1	B	N		64.5	63.6	-0.9	No	No	No	0
83	2924 S Eugene St	1	B	N		64.0	63.3	-0.7	No	No	No	0
84	2920 S Eugene St	1	B	N		63.7	63.1	-0.6	No	No	No	0
85	2916 S Eugene St	1	B	N		63.2	62.7	-0.5	No	No	No	0
86	3121 S Eugene St	1	B	N		65.1	63.6	-1.5	No	No	No	0
87	3113 S Eugene St	1	B	N		64.8	63.5	-1.3	No	No	No	0
88	3105 S Eugene St	1	B	N		64.6	63.3	-1.3	No	No	No	0
89	3079 S Eugene St	1	B	N		64.1	63.1	-1.0	No	No	No	0
90	3057 S Eugene St	1	B	N		63.8	63.1	-0.7	No	No	No	0
91	3041 S Eugene St	1	B	N		63.7	63.0	-0.7	No	No	No	0
92	3027 S Eugene St	1	B	N		63.3	62.7	-0.6	No	No	No	0
93	2967 S Eugene St	1	B	N		63.2	62.6	-0.6	No	No	No	0
94	2957 S Eugene St	1	B	N		62.8	62.2	-0.6	No	No	No	0
95	3144 Tyrone Dr	1	B	N		62.8	62.4	-0.4	No	No	No	0
96	3128 Tyrone Dr	1	B	N		63.0	62.6	-0.4	No	No	No	0
97	3124 Tyrone Dr	1	B	N		62.7	62.3	-0.4	No	No	No	0
98	3120 Tyrone Dr	1	B	N		62.2	61.9	-0.3	No	No	No	0
99	2947 Greenwood Dr	1	B	N		69.5	66.6	-2.9	Yes	No	Yes	1
100	2937/2941 Greenwood Dr	2	B	N		68.5	66.4	-2.1	Yes	No	Yes	2
101	Digiulio Bros (patio)	1	E	N		69.7	67.8	-1.9	No	No	No	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Bawell
Mairn
Brownlee
Balls
Barlee
Valley
Mississippi
Yazoo
Delta
Manchester
Lyric
Parc
Yazoo
Tyrone
Plum Broque
Eugene
Valley
Ferrell
Balls
Brownlee
Railroad
College
Constitution
Bennington
10
N
W
E
S
Feet
0 110 220 440
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB5 (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB5
Description:	North of I-10 between South Acadian Thruway and College Drive
Design Year:	2040
Alternative:	Build
Total Receptors	92

IMPACTS (w/barrier)	
Category B Impacts	10
Category C Impacts	0
Category D Impacts	0
Category E Impacts	0
Total Impacts	10

1st row impacted (no barrier)	5
1st row impacted and benefited	0
FEASIBILITY	0%
Total receptors with 8 dB IL	44
Meets NRDG?	Yes
TOTAL BENEFITS	68

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
1	4764 Aldrich Drive	1	B	Yes	23	77.5	77.6	0.1	Yes	No	Yes	1	78.0	0.4	No	0	0
2	4752 Aldrich Drive	1	B	Yes	30	73.6	73.7	0.1	Yes	No	Yes	1	74.6	0.9	No	0	0
3	4740 Aldrich Drive	1	B	Yes	22	77.5	77.5	0.0	Yes	No	Yes	1	77.9	0.4	No	0	0
4	2725 Barber Street	1	B	Yes	50	71.3	71.4	0.1	Yes	No	Yes	1	72.8	1.4	No	0	0
5	2746 Barber Street	1	B	Yes	50	71.4	71.4	0.0	Yes	No	Yes	1	73.3	1.9	No	0	0
6	2731 Brownlee Street	1	B	Yes		61.3	61.4	0.1	No	No	No	0	70.6	9.2	Yes	1	1
7	2730 Brownlee Street	1	B	Yes		60.9	60.8	-0.1	No	No	No	0	70.7	9.9	Yes	1	1
8	2685 Balis Drive	1	B	Yes		60.4	60.0	-0.4	No	No	No	0	70.8	10.8	Yes	1	1
9	2726 Balis Drive	1	B	Yes		61.3	60.4	-0.9	No	No	No	0	72.4	12.0	Yes	1	1
10	2712 Balis Drive	1	B	Yes		60.5	60.2	-0.3	No	No	No	0	72.1	11.9	Yes	1	1
11	2714 Balis Drive	1	B	Yes		60.0	59.6	-0.4	No	No	No	0	71.8	12.2	Yes	1	1
12	2729 Valley Street	1	B	Yes		62.0	61.1	-0.9	No	No	No	0	76.9	15.8	Yes	1	1
13	2730 Valley Street	1	B	Yes		62.2	61.4	-0.8	No	No	No	0	76.7	15.3	Yes	1	1
14	2643 Yazoo Street	1	B	Yes		62.6	61.5	-1.1	No	No	No	0	73.9	12.4	Yes	1	1
15	2654 Yazoo Street	1	B	Yes		65.0	64.2	-0.8	No	No	No	0	74.2	10.0	Yes	1	1
16	2533 Mississippi Street	1	B	Yes		62.8	62.5	-0.3	No	No	No	0	67.9	5.4	Yes	1	0
17	2558 Mississippi Street	1	B	Yes		65.6	64.9	-0.7	No	No	No	0	68.7	3.8	No	0	0
18	4765 Aldrich Drive	1	B	No	125	68.4	69.2	0.8	Yes	No	Yes	1	72.1	2.9	No	0	0
19	4753 Aldrich Drive	1	B	No	130	68.1	68.6	0.5	Yes	No	Yes	1	71.9	3.3	No	0	0
20	4741 Aldrich Drive	1	B	No	150	67.3	67.6	0.3	Yes	No	Yes	1	71.3	3.7	No	0	0
21	2646 College Drive	1	B	No		62.6	64.6	2.0	No	No	No	0	69.1	4.5	Yes	1	0
22	2634 College Drive	1	B	No		61.5	63.3	1.8	No	No	No	0	68.3	5.0	Yes	1	0
23	2622 College Drive	1	B	No		61.6	62.9	1.3	No	No	No	0	67.6	4.7	Yes	1	0
24	2584 College Drive	1	B	No		60.8	62.6	1.8	No	No	No	0	66.6	4.0	No	0	0
25	2714 Barber Street	1	B	No	100	68.5	68.5	0.0	Yes	No	Yes	1	72.1	3.6	No	0	0
26	2712 Barber Street	1	B	No	135	67.5	67.6	0.1	Yes	No	Yes	1	71.7	4.1	No	0	0
27	2655 Barber Street	1	B	No		60.9	61.2	0.3	No	No	No	0	69.2	8.0	Yes	1	1
28	2677 Barber Street	1	B	No		59.8	60.1	0.3	No	No	No	0	68.2	8.1	Yes	1	1
29	2647 Barber Street	1	B	No		59.2	59.6	0.4	No	No	No	0	67.3	7.7	Yes	1	1
30	2615 Barber Street	1	B	No		58.5	59.0	0.5	No	No	No	0	65.8	6.8	Yes	1	0
31	2666 Barber Street	1	B	No		60.6	60.9	0.3	No	No	No	0	69.4	8.5	Yes	1	1
32	2654 Barber Street	1	B	No		60.6	60.9	0.3	No	No	No	0	69.0	8.1	Yes	1	1
33	2648 Barber Street	1	B	No		59.9	60.4	0.5	No	No	No	0	68.2	7.8	Yes	1	1
34	2634 Barber Street	1	B	No		59.5	60.1	0.6	No	No	No	0	67.4	7.3	Yes	1	0
35	2624 Barber Street	1	B	No		59.0	59.6	0.6	No	No	No	0	66.5	6.9	Yes	1	0
36	2616 Barber Street	1	B	No		59.2	59.7	0.5	No	No	No	0	66.1	6.4	Yes	1	0
37	2721 Brownlee Street	1	B	No		59.8	60.0	0.2	No	No	No	0	69.5	9.5	Yes	1	1
38	2725 Brownlee Street	1	B	No		60.0	60.2	0.2	No	No	No	0	69.6	9.4	Yes	1	1
39	2715 Brownlee Street	1	B	No		59.3	59.4	0.1	No	No	No	0	68.3	8.9	Yes	1	1
40	2722 Brownlee Street	1	B	No		59.9	60.0	0.1	No	No	No	0	69.8	9.8	Yes	1	1
41	4630 Aldrich Drive	1	B	No		59.7	59.9	0.2	No	No	No	0	69.0	9.1	Yes	1	1
42	2659 Balis Drive	1	B	No		57.9	57.9	0.0	No	No	No	0	68.4	10.5	Yes	1	1
43	4675 Aldrich Drive	1	B	No		60.3	60.5	0.2	No	No	No	0	68.9	8.4	Yes	1	1
44	4667 Aldrich Drive	1	B	No		59.9	59.9	0.0	No	No	No	0	68.3	8.4	Yes	1	1
45	4655 Aldrich Drive	1	B	No		59.5	59.5	0.0	No	No	No	0	68.1	8.6	Yes	1	1
46	4631 Aldrich Drive	1	B	No		59.0	59.1	0.1	No	No	No	0	67.7	8.6	Yes	1	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
47	4629 Aldrich Drive	1	B	No		58.9	59.0	0.1	No	No	No	0	67.6	8.6	Yes	1	1
48	2615 Balis Drive	1	B	No		57.4	57.5	0.1	No	No	No	0	65.5	8.0	Yes	1	1
49	2710 Balis Drive	1	B	No		60.0	59.7	-0.3	No	No	No	0	70.4	10.7	Yes	1	1
50	2670 Balis Drive	1	B	No		57.5	57.4	-0.1	No	No	No	0	68.0	10.6	Yes	1	1
51	2666 Balis Drive	1	B	No		57.7	57.7	0.0	No	No	No	0	68.0	10.3	Yes	1	1
52	2662 Balis Drive	1	B	No		57.6	57.3	-0.3	No	No	No	0	67.4	10.1	Yes	1	1
53	2626 Balis Drive	1	B	No		52.9	52.9	0.0	No	No	No	0	59.2	6.3	Yes	1	0
54	Cathedral of Faith Ministry	1	D	No		34.7	33.7	-1.0	No	No	No	0	45.6	11.9	Yes	1	1
55	2679 Valley Street	1	B	No		56.8	56.8	0.0	No	No	No	0	66.6	9.8	Yes	1	1
56	2655 Valley Street	1	B	No		56.2	55.9	-0.3	No	No	No	0	65.5	9.6	Yes	1	1
57	2641 Valley Street	1	B	No		54.9	56.0	1.1	No	No	No	0	63.1	7.1	Yes	1	0
58	2629 Valley Street	1	B	No		55.4	56.3	0.9	No	No	No	0	63.3	7.0	Yes	1	0
59	2605 Valley Street	1	B	No		55.5	55.7	0.2	No	No	No	0	63.7	8.0	Yes	1	1
60	2680 Valley Street	1	B	No		59.1	58.7	-0.4	No	No	No	0	70.3	11.6	Yes	1	1
61	2670 Valley Street	1	B	No		58.1	58.1	0.0	No	No	No	0	68.1	10.0	Yes	1	1
62	2642 Valley Street	1	B	No		56.3	56.6	0.3	No	No	No	0	64.2	7.6	Yes	1	1
63	2630 Valley Street	1	B	No		54.8	54.8	0.0	No	No	No	0	63.2	8.4	Yes	1	1
64	2618 Valley Street	1	B	No		54.6	54.6	0.0	No	No	No	0	62.3	7.7	Yes	1	1
65	2631 Yazoo Street	1	B	No		59.5	59.2	-0.3	No	No	No	0	71.1	11.9	Yes	1	1
66	2625 Yazoo Street	1	B	No		60.6	60.8	0.2	No	No	No	0	68.7	7.9	Yes	1	1
67	2607 Yazoo Street	1	B	No		59.8	59.7	-0.1	No	No	No	0	66.9	7.2	Yes	1	0
68	2573 Yazoo Street	1	B	No		58.8	59.2	0.4	No	No	No	0	65.2	6.0	Yes	1	0
69	2569 Yazoo Street	1	B	No		58.3	58.5	0.2	No	No	No	0	64.9	6.4	Yes	1	0
70	2545 Yazoo Street	1	B	No		57.7	58.0	0.3	No	No	No	0	63.6	5.6	Yes	1	0
71	2586 Yazoo Street	1	B	No		60.1	59.9	-0.2	No	No	No	0	66.9	7.0	Yes	1	0
72	2572 Yazoo Street	1	B	No		59.0	59.5	0.5	No	No	No	0	65.7	6.2	Yes	1	0
73	2556 Yazoo Street	1	B	No		58.4	58.3	-0.1	No	No	No	0	63.4	5.1	Yes	1	0
74	2550 Yazoo Street	1	B	No		57.8	57.7	-0.1	No	No	No	0	62.3	4.6	Yes	1	0
75	2525 Mississippi Street	1	B	No		61.1	61.2	0.1	No	No	No	0	66.2	5.0	Yes	1	0
76	2505 Mississippi Street	1	B	No		60.0	59.9	-0.1	No	No	No	0	65.2	5.3	Yes	1	0
77	2475 Mississippi Street	1	B	No		59.3	59.1	-0.2	No	No	No	0	64.1	5.0	Yes	1	0
78	2465 Mississippi Street	1	B	No		58.7	58.4	-0.3	No	No	No	0	63.1	4.7	Yes	1	0
79	2542 Mississippi Street	1	B	No		62.6	62.7	0.1	No	No	No	0	66.6	3.9	No	0	0
80	2534 Mississippi Street	1	B	No		61.7	61.9	0.2	No	No	No	0	65.7	3.8	No	0	0
81	2522 Mississippi Street	1	B	No		60.8	61.2	0.4	No	No	No	0	64.9	3.7	No	0	0
82	2518 Mississippi Street	1	B	No		60.1	60.5	0.4	No	No	No	0	64.1	3.6	No	0	0
83	2508 Mississippi Street	1	B	No		59.7	60.0	0.3	No	No	No	0	63.6	3.6	No	0	0
84	2476 Mississippi Street	1	B	No		59.0	59.2	0.2	No	No	No	0	62.7	3.5	No	0	0
85	Radisson Hotel Pool	1	E	No		55.5	55.3	-0.2	No	No	No	0	63.4	8.1	Yes	1	1
86	2543 Delta Street	1	B	No		56.5	57.1	0.6	No	No	No	0	61.6	4.5	Yes	1	0
87	2533 Delta Street	1	B	No		56.8	57.1	0.3	No	No	No	0	60.0	2.9	No	0	0
88	2519 Delta Street	1	B	No		57.3	58.0	0.7	No	No	No	0	60.1	2.1	No	0	0
89	2495 Delta Street	1	B	No		58.2	59.0	0.8	No	No	No	0	60.8	1.8	No	0	0
90	2544 Delta Street	1	B	No		60.8	60.6	-0.2	No	No	No	0	61.4	0.8	No	0	0
91	2524 Delta Street	1	B	No		59.0	59.4	0.4	No	No	No	0	60.3	0.9	No	0	0
92	2508 Delta Street	1	B	No		58.3	58.8	0.5	No	No	No	0	59.4	0.6	No	0	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


College
Park Plaza
Corporate
Bayou
Travel
Energy
Hilton
Citiplace
10
Constitution
Continental
Trenton
Bunker Hill
Germantown
Feet
0 85 170 340
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB6 (1 of 1)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB6
Description:	North of I-10 between College Drive and the I-10/I-12 split
Design Year:	2040
Alternative:	Build
Total Receptors	4

IMPACTS (w/barrier)	
Category B Impacts	0
Category C Impacts	0
Category D Impacts	0
Category E Impacts	0
Total Impacts	0

1st row impacted (no barrier)	0
1st row impacted and benefited	0
FEASIBILITY	N/A
Total receptors with 8 dB IL	0
Meets NRDG?	No
TOTAL BENEFITS	0

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
1	Tru by Hilton (Pool)	1	E	Yes		67.4	68.9	1.5	No	No	No	0	68.9	0.0	No	0	0
2	Homewood Suites (Pool)	1	E	No		63.0	64.5	1.5	No	No	No	0	64.5	0.0	No	0	0
3	Richmond Inn (Pool)	1	E	No		54.2	55.2	1.0	No	No	No	0	55.2	0.0	No	0	0
4	Baton Rouge Marriott (Pool)	1	E	Yes		66.3	67.8	1.5	No	No	No	0	68.0	0.2	No	0	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


Cates
Murphy
Torrance
Richards
Trenton
N
W
E
S
Feet
0 87.5 175 350
Legend
Impacted Receiver
Non-impacted Receiver
Impacted Ground Floor and Upper Floor Receiver
Impacted Ground Floor or Upper Floor Receiver
Non-impacted Ground Floor and Upper Floor Receivers
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB7 (1 of 3)


Torrance
Svendson
Fritchie
Mcconnell
Gilbert
Conway
Mccarroll
Richards
Claret
N
W
E
S
Feet
0 87.5 175 350
Legend
Impacted Receiver
Non-impacted Receiver
Impacted Ground Floor and Upper Floor Receiver
Impacted Ground Floor or Upper Floor Receiver
Non-impacted Ground Floor and Upper Floor Receivers
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB7 (2 of 3)


Richards
Jefferson Place
Jefferson
Jefferson Place
Office Park
Brentwood
Gaylor
Peebles
Sholar
Forest
Sholar
Rainbow
Essen
73
12
12
N
W
E
S
Feet
0 87.5 175 350
Legend
Impacted Receiver
Non-impacted Receiver
Impacted Ground Floor and Upper Floor Receiver
Impacted Ground Floor or Upper Floor Receiver
Non-impacted Ground Floor and Upper Floor Receivers
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB7 (3 of 3)

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB7
Description:	North of I-12 between the I-10/I-12 split and Essen Lane
Design Year:	2040
Alternative:	Build
Total Receptors	399

IMPACTS (w/barrier)	
Category B Impacts	1
Category C Impacts	0
Category D Impacts	0
Category E Impacts	0
Total Impacts	1

1st row impacted (no barrier)	0
1st row impacted and benefited	0
FEASIBILITY	N/A
Total receptors with 8 dB IL	196
Meets NRDG?	Yes
TOTAL BENEFITS	304

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
1	7352 Jefferson Place A	1	B	Yes		59.4	59.3	-0.1	No	No	No	0	72.2	12.9	Yes	1	1
1	7352 Jefferson Place C	1	B	Yes		60.6	60.4	-0.2	No	No	No	0	73.2	12.8	Yes	1	1
2	7352 Jefferson Place B	1	B	Yes		59.3	59.2	-0.1	No	No	No	0	72.1	12.9	Yes	1	1
2	7352 Jefferson Place D	1	B	Yes		60.6	60.3	-0.3	No	No	No	0	73.1	12.8	Yes	1	1
3	7362 Jefferson Place A	1	B	Yes		59.4	59.4	0.0	No	No	No	0	71.9	12.5	Yes	1	1
3	7362 Jefferson Place C	1	B	Yes		60.8	60.5	-0.3	No	No	No	0	72.9	12.4	Yes	1	1
4	7362 Jefferson Place B	1	B	Yes		59.4	59.3	-0.1	No	No	No	0	71.6	12.3	Yes	1	1
4	7362 Jefferson Place D	1	B	Yes		60.7	60.4	-0.3	No	No	No	0	72.6	12.2	Yes	1	1
5	7372 Jefferson Place A	1	B	Yes		59.6	59.5	-0.1	No	No	No	0	72.8	13.3	Yes	1	1
6	7372 Jefferson Place B	1	B	Yes		59.5	59.3	-0.2	No	No	No	0	73.2	13.9	Yes	1	1
7	7372 Jefferson Place C	1	B	Yes		59.4	59.1	-0.3	No	No	No	0	73.4	14.3	Yes	1	1
8	7372 Jefferson Place D	1	B	Yes		59.4	59.2	-0.2	No	No	No	0	73.3	14.1	Yes	1	1
9	7372 Jefferson Place E	1	B	Yes		59.5	59.3	-0.2	No	No	No	0	73.2	13.9	Yes	1	1
10	7411 Jefferson Place A	1	B	Yes		59.6	59.4	-0.2	No	No	No	0	71.7	12.3	Yes	1	1
10	7411 Jefferson Place C	1	B	Yes		60.9	60.6	-0.3	No	No	No	0	72.8	12.2	Yes	1	1
11	7411 Jefferson Place B	1	B	Yes		59.6	59.5	-0.1	No	No	No	0	72.2	12.7	Yes	1	1
11	7411 Jefferson Place D	1	B	Yes		61.1	60.8	-0.3	No	No	No	0	73.2	12.4	Yes	1	1
12	7421 Jefferson Place A	1	B	Yes		59.8	59.6	-0.2	No	No	No	0	72.3	12.7	Yes	1	1
12	7421 Jefferson Place C	1	B	Yes		61.2	60.8	-0.4	No	No	No	0	73.3	12.5	Yes	1	1
13	7421 Jefferson Place B	1	B	Yes		59.7	59.5	-0.2	No	No	No	0	71.8	12.3	Yes	1	1
13	7421 Jefferson Place D	1	B	Yes		61.1	60.8	-0.3	No	No	No	0	72.9	12.1	Yes	1	1
14	Jefferson Place (Pool)	1	C	Yes		59.7	59.4	-0.3	No	No	No	0	71.2	11.8	Yes	1	1
15	3373 McCarroll Drive	1	B	Yes		60.2	59.7	-0.5	No	No	No	0	72.8	13.1	Yes	1	1
16	7666 Claret Avenue	1	B	Yes		60.4	59.9	-0.5	No	No	No	0	71.9	12.0	Yes	1	1
17	7636 Claret Avenue	1	B	Yes		60.3	59.7	-0.6	No	No	No	0	72.2	12.5	Yes	1	1
18	7606 Claret Avenue	1	B	Yes		60.3	59.6	-0.7	No	No	No	0	72.7	13.1	Yes	1	1
19	7604 Claret Avenue	1	B	Yes		59.4	58.8	-0.6	No	No	No	0	69.8	11.0	Yes	1	1
20	7607 Claret Avenue	1	B	Yes		56.1	56.1	0.0	No	No	No	0	62.0	5.9	Yes	1	0
21	7352 Leyland Court	1	B	Yes		60.3	61.0	0.7	No	No	No	0	65.4	4.4	No	0	0
22	7342 Leyland Court	1	B	Yes		62.7	61.4	-1.3	No	No	No	0	71.9	10.5	Yes	1	1
23	7332 Leyland Court	1	B	Yes		62.6	61.5	-1.1	No	No	No	0	71.4	9.9	Yes	1	1
24	7322 Leyland Court	1	B	Yes		61.5	60.8	-0.7	No	No	No	0	72.1	11.3	Yes	1	1
25	7312 Leyland Court	1	B	Yes		61.0	60.6	-0.4	No	No	No	0	72.4	11.8	Yes	1	1
26	7302 Leyland Court	1	B	Yes		60.0	59.7	-0.3	No	No	No	0	73.2	13.5	Yes	1	1
27	7240 Leyland Court	1	B	Yes		59.6	59.5	-0.1	No	No	No	0	73.1	13.6	Yes	1	1
28	7230 Leyland Court	1	B	Yes		58.6	58.6	0.0	No	No	No	0	73.4	14.8	Yes	1	1
29	7210 Leyland Court	1	B	Yes		58.6	58.7	0.1	No	No	No	0	73.0	14.3	Yes	1	1
30	7202 Leyland Court	1	B	Yes		58.5	58.5	0.0	No	No	No	0	72.2	13.7	Yes	1	1
31	7022 Richards Drive	1	B	Yes		60.3	60.6	0.3	No	No	No	0	68.8	8.2	Yes	1	1
32	6996 Richards Drive	1	B	Yes		60.3	60.4	0.1	No	No	No	0	70.6	10.2	Yes	1	1
33	6900 Richards Drive	1	B	Yes		60.9	60.7	-0.2	No	No	No	0	73.6	12.9	Yes	1	1
34	2972 Bocage Lake Court	1	B	Yes		53.1	53.7	0.6	No	No	No	0	59.1	5.4	Yes	1	0
35	2968 Bocage Lake Court	1	B	Yes		49.5	50.1	0.6	No	No	No	0	54.1	4.0	No	0	0
36	2962 Bocage Lake Court	1	B	Yes		48.2	48.6	0.4	No	No	No	0	52.5	3.9	No	0	0
37	2958 Bocage Lake Court	1	B	Yes		48.5	48.9	0.4	No	No	No	0	52.2	3.3	No	0	0
38	2952 Bocage Lake Court	1	B	Yes		49.3	50.0	0.7	No	No	No	0	53.2	3.2	No	0	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
39	2948 Bocage Lake Court	1	B	Yes		48.1	48.3	0.2	No	No	No	0	51.1	2.8	No	0	0
40	2942 Bocage Lake Court	1	B	Yes		48.9	49.5	0.6	No	No	No	0	52.4	2.9	No	0	0
41	2938 Bocage Lake Court	1	B	Yes		47.7	48.2	0.5	No	No	No	0	51.4	3.2	No	0	0
42	2932 Bocage Lake Court	1	B	Yes		52.3	53.7	1.4	No	No	No	0	61.3	7.6	Yes	1	1
43	2928 Bocage Lake Court	1	B	Yes		55.0	55.9	0.9	No	No	No	0	65.5	9.6	Yes	1	1
44	2510 Gates 1A	1	B	Yes		56.5	57.4	0.9	No	No	No	0	67.4	10.0	Yes	1	1
44	2510 Gates 2A	1	B	Yes		58.9	59.0	0.1	No	No	No	0	69.4	10.4	Yes	1	1
45	2510 Gates 1B	1	B	Yes		55.5	56.6	1.1	No	No	No	0	66.6	10.0	Yes	1	1
45	2510 Gates 2B	1	B	Yes		57.7	58.7	1.0	No	No	No	0	69.0	10.3	Yes	1	1
46	2510 Gates 1C	1	B	Yes		52.6	53.4	0.8	No	No	No	0	59.3	5.9	Yes	1	0
46	2510 Gates 2C	1	B	Yes		55.2	56.1	0.9	No	No	No	0	65.3	9.2	Yes	1	1
46	2510 Gates 3C	1	B	Yes		57.1	58.0	0.9	No	No	No	0	66.6	8.6	Yes	1	1
47	2510 Gates 1D	1	B	Yes		53.9	54.6	0.7	No	No	No	0	60.9	6.3	Yes	1	0
47	2510 Gates 2D	1	B	Yes		55.8	56.7	0.9	No	No	No	0	66.5	9.8	Yes	1	1
47	2510 Gates 3D	1	B	Yes		57.6	58.6	1.0	No	No	No	0	67.9	9.3	Yes	1	1
48	2510 Gates 1E	1	B	Yes		53.9	54.7	0.8	No	No	No	0	61.8	7.1	Yes	1	0
48	2510 Gates 2E	1	B	Yes		55.5	56.2	0.7	No	No	No	0	66.3	10.1	Yes	1	1
48	2510 Gates 3E	1	B	Yes		57.5	58.4	0.9	No	No	No	0	67.7	9.3	Yes	1	1
49	2508 Gates 1A	1	B	Yes		57.3	58.3	1.0	No	No	No	0	68.4	10.1	Yes	1	1
49	2508 Gates 2A	1	B	Yes		58.1	59.2	1.1	No	No	No	0	70.4	11.2	Yes	1	1
50	2508 Gates 1B	1	B	Yes		57.2	58.3	1.1	No	No	No	0	68.7	10.4	Yes	1	1
50	2508 Gates 2B	1	B	Yes		58.4	59.4	1.0	No	No	No	0	70.9	11.5	Yes	1	1
51	2508 Gates 1C	1	B	Yes		55.9	57.2	1.3	No	No	No	0	68.7	11.5	Yes	1	1
51	2508 Gates 2C	1	B	Yes		57.4	58.6	1.2	No	No	No	0	70.7	12.1	Yes	1	1
51	2508 Gates 3C	1	B	Yes		58.6	59.8	1.2	No	No	No	0	71.4	11.6	Yes	1	1
52	2508 Gates 1D	1	B	Yes		56.6	57.8	1.2	No	No	No	0	69.4	11.6	Yes	1	1
52	2508 Gates 2D	1	B	Yes		58.1	59.3	1.2	No	No	No	0	71.2	11.9	Yes	1	1
52	2508 Gates 3D	1	B	Yes		59.3	60.5	1.2	No	No	No	0	71.8	11.3	Yes	1	1
53	2508 Gates 1E	1	B	Yes		56.9	58.2	1.3	No	No	No	0	70.5	12.3	Yes	1	1
53	2508 Gates 2E	1	B	Yes		58.3	59.5	1.2	No	No	No	0	71.9	12.4	Yes	1	1
53	2508 Gates 3E	1	B	Yes		59.8	61.0	1.2	No	No	No	0	72.4	11.4	Yes	1	1
54	2506 Gates 1E	1	B	Yes		56.9	58.6	1.7	No	No	No	0	72.3	13.7	Yes	1	1
54	2506 Gates 2E	1	B	Yes		57.8	59.8	2.0	No	No	No	0	73.0	13.2	Yes	1	1
54	2506 Gates 3E	1	B	Yes		60.5	62.3	1.8	No	No	No	0	73.5	11.2	Yes	1	1
55	2506 Gates 1F	1	B	Yes		60.0	60.6	0.6	No	No	No	0	74.0	13.4	Yes	1	1
55	2506 Gates 2F	1	B	Yes		61.7	61.6	-0.1	No	No	No	0	74.9	13.3	Yes	1	1
55	2506 Gates 3F	1	B	Yes		63.6	65.0	1.4	No	No	No	0	75.4	10.4	Yes	1	1
56	2504 Gates 1E	1	B	Yes		61.2	60.6	-0.6	No	No	No	0	73.1	12.5	Yes	1	1
56	2504 Gates 2E	1	B	Yes		62.6	61.4	-1.2	No	No	No	0	74.7	13.3	Yes	1	1
56	2504 Gates 3E	1	B	Yes		64.3	64.5	0.2	No	No	No	0	75.2	10.7	Yes	1	1
57	3455 Brentwood Place	1	B	No		64.7	64.3	-0.4	No	No	No	0	64.3	0.0	No	0	0
58	3466 Brentwood Place	1	B	No		67.7	67.3	-0.4	Yes	No	Yes	1	67.3	0.0	No	0	0
59	3444 Brentwood Place	1	B	No		65.6	65.1	-0.5	No	No	No	0	65.1	0.0	No	0	0
60	7342 Jefferson Place A	1	B	No		55.8	56.1	0.3	No	No	No	0	67.8	11.7	Yes	1	1
60	7342 Jefferson Place C	1	B	No		57.8	57.9	0.1	No	No	No	0	69.4	11.5	Yes	1	1
61	7342 Jefferson Place B	1	B	No		57.0	57.2	0.2	No	No	No	0	69.5	12.3	Yes	1	1
61	7342 Jefferson Place D	1	B	No		58.7	58.7	0.0	No	No	No	0	70.8	12.1	Yes	1	1
62	7332 Jefferson Place A	1	B	No		53.3	53.5	0.2	No	No	No	0	62.2	8.7	Yes	1	1
62	7332 Jefferson Place C	1	B	No		55.9	56.0	0.1	No	No	No	0	65.3	9.3	Yes	1	1
63	7332 Jefferson Place B	1	B	No		53.5	53.8	0.3	No	No	No	0	63.3	9.5	Yes	1	1
63	7332 Jefferson Place D	1	B	No		55.3	55.5	0.2	No	No	No	0	65.4	9.9	Yes	1	1
64	7322 Jefferson Place A	1	B	No		52.5	52.5	0.0	No	No	No	0	59.3	6.8	Yes	1	0
64	7322 Jefferson Place C	1	B	No		55.5	55.5	0.0	No	No	No	0	65.3	9.8	Yes	1	1
65	7322 Jefferson Place B	1	B	No		52.4	52.4	0.0	No	No	No	0	59.4	7.0	Yes	1	0
65	7322 Jefferson Place D	1	B	No		55.3	55.3	0.0	No	No	No	0	65.1	9.8	Yes	1	1
66	7312 Jefferson Place A	1	B	No		51.9	52.2	0.3	No	No	No	0	59.8	7.6	Yes	1	1
66	7312 Jefferson Place C	1	B	No		55.0	55.2	0.2	No	No	No	0	64.0	8.8	Yes	1	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
67	7312 Jefferson Place B	1	B	No		52.0	52.1	0.1	No	No	No	0	59.6	7.5	Yes	1	1
67	7312 Jefferson Place D	1	B	No		56.1	56.1	0.0	No	No	No	0	65.6	9.5	Yes	1	1
68	7762 Jefferson Place A	1	B	No		53.1	53.1	0.0	No	No	No	0	59.3	6.2	Yes	1	0
68	7762 Jefferson Place C	1	B	No		56.4	56.4	0.0	No	No	No	0	64.1	7.7	Yes	1	1
69	7762 Jefferson Place B	1	B	No		52.8	52.8	0.0	No	No	No	0	59.4	6.6	Yes	1	0
69	7762 Jefferson Place D	1	B	No		55.6	55.7	0.1	No	No	No	0	64.9	9.2	Yes	1	1
70	7772 Jefferson Place A	1	B	No		55.6	55.5	-0.1	No	No	No	0	62.2	6.7	Yes	1	0
70	7772 Jefferson Place C	1	B	No		58.4	58.1	-0.3	No	No	No	0	65.1	7.0	Yes	1	0
71	7772 Jefferson Place B	1	B	No		55.4	55.4	0.0	No	No	No	0	62.1	6.7	Yes	1	0
71	7772 Jefferson Place D	1	B	No		58.3	58.1	-0.2	No	No	No	0	65.3	7.2	Yes	1	0
72	7732 Jefferson Place A	1	B	No		50.1	50.4	0.3	No	No	No	0	56.4	6.0	Yes	1	0
72	7732 Jefferson Place C	1	B	No		53.8	53.9	0.1	No	No	No	0	60.7	6.8	Yes	1	0
73	7732 Jefferson Place B	1	B	No		53.0	53.0	0.0	No	No	No	0	59.4	6.4	Yes	1	0
73	7732 Jefferson Place D	1	B	No		55.5	55.5	0.0	No	No	No	0	65.0	9.5	Yes	1	1
74	7722 Jefferson Place A	1	B	No		51.9	52.1	0.2	No	No	No	0	59.1	7.0	Yes	1	0
74	7722 Jefferson Place C	1	B	No		55.1	55.2	0.1	No	No	No	0	64.1	8.9	Yes	1	1
75	7722 Jefferson Place B	1	B	No		54.3	54.2	-0.1	No	No	No	0	62.9	8.7	Yes	1	1
75	7722 Jefferson Place D	1	B	No		56.3	56.2	-0.1	No	No	No	0	66.6	10.4	Yes	1	1
76	7451 Jefferson Place A	1	B	No		54.0	54.6	0.6	No	No	No	0	62.0	7.4	Yes	1	0
76	7451 Jefferson Place C	1	B	No		56.4	56.7	0.3	No	No	No	0	65.2	8.5	Yes	1	1
77	7451 Jefferson Place B	1	B	No		55.0	55.5	0.5	No	No	No	0	63.0	7.5	Yes	1	1
77	7451 Jefferson Place D	1	B	No		56.7	56.9	0.2	No	No	No	0	66.1	9.2	Yes	1	1
78	7441 Jefferson Place A	1	B	No		54.5	55.0	0.5	No	No	No	0	60.2	5.2	Yes	1	0
78	7441 Jefferson Place C	1	B	No		57.1	57.2	0.1	No	No	No	0	65.1	7.9	Yes	1	1
79	7441 Jefferson Place B	1	B	No		54.2	54.6	0.4	No	No	No	0	59.9	5.3	Yes	1	0
79	7441 Jefferson Place D	1	B	No		57.0	57.0	0.0	No	No	No	0	65.2	8.2	Yes	1	1
80	7431 Jefferson Place A	1	B	No		56.9	56.6	-0.3	No	No	No	0	66.6	10.0	Yes	1	1
80	7431 Jefferson Place C	1	B	No		58.7	58.4	-0.3	No	No	No	0	68.4	10.0	Yes	1	1
81	7431 Jefferson Place B	1	B	No		55.5	55.2	-0.3	No	No	No	0	61.3	6.1	Yes	1	0
81	7431 Jefferson Place D	1	B	No		57.8	57.6	-0.2	No	No	No	0	65.9	8.3	Yes	1	1
82	7503 Jefferson Place A	1	B	No		55.1	55.3	0.2	No	No	No	0	60.5	5.2	Yes	1	0
82	7503 Jefferson Place C	1	B	No		57.8	57.8	0.0	No	No	No	0	66.8	9.0	Yes	1	1
83	7503 Jefferson Place B	1	B	No		55.3	54.9	-0.4	No	No	No	0	61.1	6.2	Yes	1	0
83	7503 Jefferson Place D	1	B	No		57.7	57.4	-0.3	No	No	No	0	66.6	9.2	Yes	1	1
84	Jefferson Place (Playground)	1	C	No		57.9	57.6	-0.3	No	No	No	0	67.7	10.1	Yes	1	1
85	7513 Jefferson Place A	1	B	No		56.8	56.5	-0.3	No	No	No	0	65.9	9.4	Yes	1	1
85	7513 Jefferson Place C	1	B	No		58.4	58.1	-0.3	No	No	No	0	68.0	9.9	Yes	1	1
86	7513 Jefferson Place B	1	B	No		56.1	56.1	0.0	No	No	No	0	64.1	8.0	Yes	1	1
86	7513 Jefferson Place D	1	B	No		57.8	57.5	-0.3	No	No	No	0	67.1	9.6	Yes	1	1
87	3363 McCarroll Drive	1	B	No		58.7	58.4	-0.3	No	No	No	0	68.6	10.2	Yes	1	1
88	3353 McCarroll Drive	1	B	No		57.5	57.1	-0.4	No	No	No	0	66.2	9.1	Yes	1	1
89	3343 McCarroll Drive	1	B	No		56.2	55.9	-0.3	No	No	No	0	64.0	8.1	Yes	1	1
90	7657 Claret Avenue	1	B	No		57.2	57.0	-0.2	No	No	No	0	65.6	8.6	Yes	1	1
91	7647 Claret Avenue	1	B	No		57.4	56.9	-0.5	No	No	No	0	65.6	8.7	Yes	1	1
92	7637 Claret Avenue	1	B	No		57.5	57.1	-0.4	No	No	No	0	65.8	8.7	Yes	1	1
93	7627 Claret Avenue	1	B	No		57.6	57.3	-0.3	No	No	No	0	65.8	8.5	Yes	1	1
94	7617 Claret Avenue	1	B	No		57.4	57.1	-0.3	No	No	No	0	65.2	8.1	Yes	1	1
95	7670 Richards Drive	1	B	No		55.3	54.7	-0.6	No	No	No	0	61.1	6.4	Yes	1	0
96	7660 Richards Drive	1	B	No		55.2	54.8	-0.4	No	No	No	0	60.7	5.9	Yes	1	0
97	7646 Richards Drive	1	B	No		55.2	55.0	-0.2	No	No	No	0	60.9	5.9	Yes	1	0
98	7612 Richards Drive	1	B	No		55.2	55.0	-0.2	No	No	No	0	60.8	5.8	Yes	1	0
99	7570 Richards Drive	1	B	No		55.2	55.0	-0.2	No	No	No	0	60.8	5.8	Yes	1	0
100	7544 Richards Drive	1	B	No		56.1	55.9	-0.2	No	No	No	0	60.9	5.0	Yes	1	0
101	7534 Richards Drive	1	B	No		56.7	56.4	-0.3	No	No	No	0	60.2	3.8	No	0	0
102	7524 Richards Drive	1	B	No		57.4	57.0	-0.4	No	No	No	0	60.4	3.4	No	0	0
103	7474 Richards Drive	1	B	No		57.7	57.2	-0.5	No	No	No	0	60.9	3.7	No	0	0
104	7450 Richards Drive	1	B	No		58.8	58.2	-0.6	No	No	No	0	61.7	3.5	No	0	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal Number of Receptors with 8 dB IL
105	7436 Richards Drive	1	B	No		59.0	57.8	-1.2	No	No	No	0	62.6	4.8	Yes	1	0
106	7420 Richards Drive	1	B	No		59.0	57.9	-1.1	No	No	No	0	63.1	5.2	Yes	1	0
107	7356 Richards Drive	1	B	No		59.7	58.6	-1.1	No	No	No	0	65.3	6.7	Yes	1	0
108	7346 Richards Drive	1	B	No		60.1	59.2	-0.9	No	No	No	0	65.0	5.8	Yes	1	0
109	7336 Richards Drive	1	B	No		59.1	58.4	-0.7	No	No	No	0	65.3	6.9	Yes	1	0
110	7326 Richards Drive	1	B	No		59.1	58.5	-0.6	No	No	No	0	65.9	7.4	Yes	1	0
111	7230 Richards Drive	1	B	No		58.8	58.5	-0.3	No	No	No	0	65.9	7.4	Yes	1	0
112	7222 Richards Drive	1	B	No		58.5	58.3	-0.2	No	No	No	0	65.9	7.6	Yes	1	1
113	7212 Richards Drive	1	B	No		58.4	58.2	-0.2	No	No	No	0	64.9	6.7	Yes	1	0
114	7186 Richards Drive	1	B	No		58.2	58.1	-0.1	No	No	No	0	64.9	6.8	Yes	1	0
115	7160 Richards Drive	1	B	No		58.2	58.5	0.3	No	No	No	0	64.8	6.3	Yes	1	0
116	7134 Richards Drive	1	B	No		57.9	58.3	0.4	No	No	No	0	64.5	6.2	Yes	1	0
117	7124 Richards Drive	1	B	No		58.2	58.7	0.5	No	No	No	0	65.4	6.7	Yes	1	0
118	7076 Richards Drive	1	B	No		58.8	61.2	2.4	No	No	No	0	66.2	5.0	Yes	1	0
119	7050 Richards Drive	1	B	No		59.1	60.1	1.0	No	No	No	0	66.4	6.3	Yes	1	0
120	7030 Richards Drive	1	B	No		59.3	60.0	0.7	No	No	No	0	66.4	6.4	Yes	1	0
121	7245 Richards Drive	1	B	No		56.7	56.4	-0.3	No	No	No	0	60.5	4.1	No	0	0
122	7225 Richards Drive	1	B	No		56.5	56.4	-0.1	No	No	No	0	60.1	3.7	No	0	0
123	7181 Richards Drive	1	B	No		57.9	57.7	-0.2	No	No	No	0	60.8	3.1	No	0	0
124	3265 Torrance Drive	1	B	No		56.3	56.7	0.4	No	No	No	0	60.6	3.9	No	0	0
125	3250 Torrance Drive	1	B	No		55.4	55.8	0.4	No	No	No	0	59.7	3.9	No	0	0
126	7055 Richards Drive	1	B	No		57.5	58.1	0.6	No	No	No	0	62.1	4.0	No	0	0
127	7001 Richards Drive	1	B	No		57.4	58.0	0.6	No	No	No	0	62.8	4.8	Yes	1	0
128	3280 Murphy Drive	1	B	No		56.6	57.4	0.8	No	No	No	0	64.9	7.5	Yes	1	1
129	3235 Murphy Drive	1	B	No		55.4	55.8	0.4	No	No	No	0	58.9	3.1	No	0	0
130	3258 Murphy Drive	1	B	No		57.2	56.5	-0.7	No	No	No	0	63.0	6.5	Yes	1	0
131	3236 Murphy Drive	1	B	No		56.3	55.7	-0.6	No	No	No	0	61.2	5.5	Yes	1	0
132	3212 Murphy Drive	1	B	No		54.0	54.7	0.7	No	No	No	0	59.6	4.9	Yes	1	0
133	2939 Bocage Lake Court	1	B	No		55.0	55.9	0.9	No	No	No	0	62.0	6.1	Yes	1	0
134	2933 Bocage Lake Court	1	B	No		54.7	55.4	0.7	No	No	No	0	60.8	5.4	Yes	1	0
135	2929 Bocage Lake Court	1	B	No		54.3	54.9	0.6	No	No	No	0	59.2	4.3	No	0	0
136	2923 Bocage Lake Court	1	B	No		53.9	54.7	0.8	No	No	No	0	58.8	4.1	No	0	0
137	2919 Bocage Lake Court	1	B	No		53.5	54.2	0.7	No	No	No	0	58.2	4.0	No	0	0
138	2913 Bocage Lake Court	1	B	No		52.9	53.7	0.8	No	No	No	0	57.1	3.4	No	0	0
139	2909 Bocage Lake Court	1	B	No		52.1	52.9	0.8	No	No	No	0	55.3	2.4	No	0	0
140	2922 Bocage Lake Court	1	B	No		52.4	53.0	0.6	No	No	No	0	59.9	6.9	Yes	1	0
141	2918 Bocage Lake Court	1	B	No		51.7	52.2	0.5	No	No	No	0	56.9	4.7	Yes	1	0
142	2912 Bocage Lake Court	1	B	No		52.4	53.1	0.7	No	No	No	0	55.2	2.1	No	0	0
143	2908 Bocage Lake Court	1	B	No		51.2	51.8	0.6	No	No	No	0	54.3	2.5	No	0	0
144	2801 Cecar Lodge Drive	1	B	No		52.6	52.9	0.3	No	No	No	0	55.9	3.0	No	0	0
145	2741 Bocage Lake Court	1	B	No		51.5	52.4	0.9	No	No	No	0	58.0	5.6	Yes	1	0
146	2737 Bocage Lake Court	1	B	No		52.1	51.5	-0.6	No	No	No	0	52.8	1.3	No	0	0
147	2750 Bocage Lake Court	1	B	No		48.0	48.7	0.7	No	No	No	0	51.8	3.1	No	0	0
148	2740 Bocage Lake Court	1	B	No		48.6	49.4	0.8	No	No	No	0	52.7	3.3	No	0	0
149	2734 Bocage Lake Court	1	B	No		47.6	48.2	0.6	No	No	No	0	49.8	1.6	No	0	0
150	2730 Bocage Lake Court	1	B	No		47.8	48.5	0.7	No	No	No	0	50.1	1.6	No	0	0
151	2724 Bocage Lake Court	1	B	No		47.7	48.2	0.5	No	No	No	0	50.0	1.8	No	0	0
152	2720 Bocage Lake Court	1	B	No		47.7	48.1	0.4	No	No	No	0	50.0	1.9	No	0	0
153	2506 Gates 1D	1	B	No		56.1	57.6	1.5	No	No	No	0	70.5	12.9	Yes	1	1
153	2506 Gates 2D	1	B	No		57.3	59.0	1.7	No	No	No	0	71.4	12.4	Yes	1	1
153	2506 Gates 3D	1	B	No		59.4	60.7	1.3	No	No	No	0	71.8	11.1	Yes	1	1
154	2506 Gates 1C	1	B	No		55.8	57.0	1.2	No	No	No	0	69.2	12.2	Yes	1	1
154	2506 Gates 2C	1	B	No		57.0	58.4	1.4	No	No	No	0	70.3	11.9	Yes	1	1
154	2506 Gates 3C	1	B	No		58.7	59.9	1.2	No	No	No	0	70.8	10.9	Yes	1	1
155	2506 Gates 1B	1	B	No		55.5	56.8	1.3	No	No	No	0	68.7	11.9	Yes	1	1
155	2506 Gates 2B	1	B	No		56.8	58.0	1.2	No	No	No	0	70.1	12.1	Yes	1	1
156	2506 Gates 1A	1	B	No		52.7	53.8	1.1	No	No	No	0	66.1	12.3	Yes	1	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
156	2506 Gates 2A	1	B	No		54.0	55.0	1.0	No	No	No	0	67.3	12.3	Yes	1	1
157	2506 Gates 1G	1	B	No		59.6	60.1	0.5	No	No	No	0	72.7	12.6	Yes	1	1
157	2506 Gates 2G	1	B	No		61.0	61.4	0.4	No	No	No	0	73.7	12.3	Yes	1	1
157	2506 Gates 3G	1	B	No		62.6	63.9	1.3	No	No	No	0	74.2	10.3	Yes	1	1
158	2506 Gates 1H	1	B	No		58.4	58.7	0.3	No	No	No	0	71.3	12.6	Yes	1	1
158	2506 Gates 2H	1	B	No		59.5	60.4	0.9	No	No	No	0	72.2	11.8	Yes	1	1
158	2506 Gates 3H	1	B	No		60.9	61.9	1.0	No	No	No	0	72.8	10.9	Yes	1	1
159	2506 Gates 1I	1	B	No		58.2	58.5	0.3	No	No	No	0	71.3	12.8	Yes	1	1
159	2506 Gates 2I	1	B	No		59.1	60.0	0.9	No	No	No	0	71.7	11.7	Yes	1	1
160	2506 Gates 1J	1	B	No		56.2	57.6	1.4	No	No	No	0	69.4	11.8	Yes	1	1
160	2506 Gates 2J	1	B	No		57.4	59.0	1.6	No	No	No	0	69.5	10.5	Yes	1	1
161	2504 Gates 1A	1	B	No		56.0	56.5	0.5	No	No	No	0	69.3	12.8	Yes	1	1
161	2504 Gates 2A	1	B	No		57.6	58.3	0.7	No	No	No	0	69.6	11.3	Yes	1	1
162	2504 Gates 1B	1	B	No		57.7	58.2	0.5	No	No	No	0	70.9	12.7	Yes	1	1
162	2504 Gates 2B	1	B	No		59.0	59.8	0.8	No	No	No	0	71.4	11.6	Yes	1	1
163	2504 Gates 1C	1	B	No		58.9	59.3	0.4	No	No	No	0	72.0	12.7	Yes	1	1
163	2504 Gates 2C	1	B	No		59.8	60.7	0.9	No	No	No	0	72.2	11.5	Yes	1	1
163	2504 Gates 3C	1	B	No		61.3	62.3	1.0	No	No	No	0	72.8	10.5	Yes	1	1
164	2504 Gates 1D	1	B	No		60.1	59.8	-0.3	No	No	No	0	72.6	12.8	Yes	1	1
164	2504 Gates 2D	1	B	No		61.1	61.3	0.2	No	No	No	0	73.2	11.9	Yes	1	1
164	2504 Gates 3D	1	B	No		62.7	63.4	0.7	No	No	No	0	73.7	10.3	Yes	1	1
165	2504 Gates 1F	1	B	No		60.0	60.0	0.0	No	No	No	0	71.6	11.6	Yes	1	1
165	2504 Gates 2F	1	B	No		61.3	61.4	0.1	No	No	No	0	72.6	11.2	Yes	1	1
165	2504 Gates 3F	1	B	No		62.5	64.4	1.9	No	No	No	0	72.8	8.4	Yes	1	1
166	2504 Gates 1G	1	B	No		59.5	60.2	0.7	No	No	No	0	69.2	9.0	Yes	1	1
166	2504 Gates 2G	1	B	No		60.6	61.3	0.7	No	No	No	0	70.3	9.0	Yes	1	1
166	2504 Gates 3G	1	B	No		61.5	63.1	1.6	No	No	No	0	70.5	7.4	Yes	1	0
167	2504 Gates 1H	1	B	No		59.3	60.3	1.0	No	No	No	0	68.4	8.1	Yes	1	1
167	2504 Gates 2H	1	B	No		60.4	61.4	1.0	No	No	No	0	69.6	8.2	Yes	1	1
167	2504 Gates 3H	1	B	No		61.3	62.8	1.5	No	No	No	0	69.8	7.0	Yes	1	0
168	2504 Gates 1I	1	B	No		59.4	60.8	1.4	No	No	No	0	68.4	7.6	Yes	1	1
168	2504 Gates 2I	1	B	No		60.4	61.8	1.4	No	No	No	0	69.6	7.8	Yes	1	1
169	2504 Gates 1J	1	B	No		58.2	59.9	1.7	No	No	No	0	67.0	7.1	Yes	1	0
169	2504 Gates 2J	1	B	No		59.2	60.8	1.6	No	No	No	0	68.1	7.3	Yes	1	0
170	2502 Gates 1A	1	B	No		55.1	56.3	1.2	No	No	No	0	66.5	10.2	Yes	1	1
170	2502 Gates 2A	1	B	No		55.8	57.4	1.6	No	No	No	0	67.6	10.2	Yes	1	1
171	2502 Gates 1B	1	B	No		58.9	60.5	1.6	No	No	No	0	68.2	7.7	Yes	1	1
171	2502 Gates 2B	1	B	No		59.8	61.4	1.6	No	No	No	0	69.3	7.9	Yes	1	1
172	2502 Gates 1C	1	B	No		56.2	57.5	1.3	No	No	No	0	68.3	10.8	Yes	1	1
172	2502 Gates 2C	1	B	No		57.1	58.6	1.5	No	No	No	0	69.3	10.7	Yes	1	1
172	2502 Gates 3C	1	B	No		58.3	60.1	1.8	No	No	No	0	69.6	9.5	Yes	1	1
173	2502 Gates 1D	1	B	No		57.0	58.8	1.8	No	No	No	0	69.2	10.4	Yes	1	1
173	2502 Gates 2D	1	B	No		57.9	59.8	1.9	No	No	No	0	70.2	10.4	Yes	1	1
173	2502 Gates 3D	1	B	No		59.1	61.3	2.2	No	No	No	0	70.4	9.1	Yes	1	1
174	2502 Gates 1E	1	B	No		60.3	62.0	1.7	No	No	No	0	70.7	8.7	Yes	1	1
174	2502 Gates 2E	1	B	No		61.4	63.0	1.6	No	No	No	0	71.5	8.5	Yes	1	1
174	2502 Gates 3E	1	B	No		62.3	64.1	1.8	No	No	No	0	71.8	7.7	Yes	1	1
175	2502 Gates 1F	1	B	No		56.5	59.1	2.6	No	No	No	0	64.1	5.0	Yes	1	0
175	2502 Gates 2F	1	B	No		57.1	59.8	2.7	No	No	No	0	64.7	4.9	Yes	1	0
175	2502 Gates 3F	1	B	No		58.2	60.5	2.3	No	No	No	0	65.0	4.5	Yes	1	0
176	2502 Gates 1G	1	B	No		54.9	57.8	2.9	No	No	No	0	60.9	3.1	No	0	0
176	2502 Gates 2G	1	B	No		55.6	58.5	2.9	No	No	No	0	61.6	3.1	No	0	0
176	2502 Gates 3G	1	B	No		56.7	59.1	2.4	No	No	No	0	61.9	2.8	No	0	0
177	2502 Gates 1H	1	B	No		54.3	57.3	3.0	No	No	No	0	59.9	2.6	No	0	0
177	2502 Gates 2H	1	B	No		55.0	58.0	3.0	No	No	No	0	60.7	2.7	No	0	0
177	2502 Gates 3H	1	B	No		56.2	58.5	2.3	No	No	No	0	61.0	2.5	No	0	0
178	2502 Gates 1I	1	B	No		53.7	57.0	3.3	No	No	No	0	62.1	5.1	Yes	1	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
178	2502 Gates 2I	1	B	No		54.7	57.9	3.2	No	No	No	0	62.9	5.0	Yes	1	0
179	2502 Gates 1J	1	B	No		52.1	55.7	3.6	No	No	No	0	58.3	2.6	No	0	0
179	2502 Gates 2J	1	B	No		53.3	56.6	3.3	No	No	No	0	59.2	2.6	No	0	0
180	2500 Gates 1A	1	B	No		52.8	56.4	3.6	No	No	No	0	62.4	6.0	Yes	1	0
180	2500 Gates 2A	1	B	No		53.7	57.3	3.6	No	No	No	0	63.3	6.0	Yes	1	0
181	2500 Gates 1B	1	B	No		53.3	57.1	3.8	No	No	No	0	63.7	6.6	Yes	1	0
181	2500 Gates 2B	1	B	No		54.1	57.9	3.8	No	No	No	0	64.6	6.7	Yes	1	0
182	2500 Gates 1C	1	B	No		53.3	57.3	4.0	No	No	No	0	64.7	7.4	Yes	1	0
182	2500 Gates 2C	1	B	No		53.9	58.1	4.2	No	No	No	0	65.6	7.5	Yes	1	0
182	2500 Gates 3C	1	B	No		55.4	59.0	3.6	No	No	No	0	65.8	6.8	Yes	1	0
183	2500 Gates 1D	1	B	No		54.2	58.1	3.9	No	No	No	0	65.7	7.6	Yes	1	1
183	2500 Gates 2D	1	B	No		54.9	58.8	3.9	No	No	No	0	66.6	7.8	Yes	1	1
183	2500 Gates 3D	1	B	No		56.3	59.7	3.4	No	No	No	0	66.8	7.1	Yes	1	0
184	2500 Gates 1E	1	B	No		55.2	59.0	3.8	No	No	No	0	66.8	7.8	Yes	1	1
184	2500 Gates 2E	1	B	No		56.0	59.7	3.7	No	No	No	0	67.6	7.9	Yes	1	1
184	2500 Gates 3E	1	B	No		57.3	60.5	3.2	No	No	No	0	68.0	7.5	Yes	1	1
185	2500 Gates 1F	1	B	No		51.0	55.6	4.6	No	No	No	0	62.2	6.6	Yes	1	0
185	2500 Gates 2F	1	B	No		51.7	56.3	4.6	No	No	No	0	62.8	6.5	Yes	1	0
185	2500 Gates 3F	1	B	No		53.0	57.1	4.1	No	No	No	0	63.1	6.0	Yes	1	0
186	2510 Gates 1F	1	B	No		43.6	44.7	1.1	No	No	No	0	44.9	0.2	No	0	0
186	2510 Gates 2F	1	B	No		45.5	47.1	1.6	No	No	No	0	47.8	0.7	No	0	0
186	2510 Gates 3F	1	B	No		49.0	50.4	1.4	No	No	No	0	51.4	1.0	No	0	0
187	2510 Gates 1G	1	B	No		41.5	42.6	1.1	No	No	No	0	43.5	0.9	No	0	0
187	2510 Gates 2G	1	B	No		44.5	45.5	1.0	No	No	No	0	47.0	1.5	No	0	0
187	2510 Gates 3G	1	B	No		48.9	50.4	1.5	No	No	No	0	51.4	1.0	No	0	0
188	2510 Gates 1H	1	B	No		39.8	40.8	1.0	No	No	No	0	42.9	2.1	No	0	0
188	2510 Gates 2H	1	B	No		44.4	45.3	0.9	No	No	No	0	46.9	1.6	No	0	0
188	2510 Gates 3H	1	B	No		48.3	49.5	1.2	No	No	No	0	50.8	1.3	No	0	0
189	2510 Gates 1I	1	B	No		45.6	47.6	2.0	No	No	No	0	48.5	0.9	No	0	0
189	2510 Gates 2I	1	B	No		48.1	49.8	1.7	No	No	No	0	50.5	0.7	No	0	0
190	2510 Gates 1J	1	B	No		46.8	48.8	2.0	No	No	No	0	49.9	1.1	No	0	0
190	2510 Gates 2J	1	B	No		48.6	50.3	1.7	No	No	No	0	51.2	0.9	No	0	0
191	2508 Gates 1F	1	B	No		45.5	46.9	1.4	No	No	No	0	47.3	0.4	No	0	0
191	2508 Gates 2F	1	B	No		45.9	47.7	1.8	No	No	No	0	48.2	0.5	No	0	0
191	2508 Gates 3F	1	B	No		50.0	52.5	2.5	No	No	No	0	54.0	1.5	No	0	0
192	2508 Gates 1G	1	B	No		46.1	47.2	1.1	No	No	No	0	47.4	0.2	No	0	0
192	2508 Gates 2G	1	B	No		47.1	48.9	1.8	No	No	No	0	49.6	0.7	No	0	0
192	2508 Gates 3G	1	B	No		50.9	52.7	1.8	No	No	No	0	54.0	1.3	No	0	0
193	2508 Gates 1H	1	B	No		47.4	48.3	0.9	No	No	No	0	48.9	0.6	No	0	0
193	2508 Gates 2H	1	B	No		48.2	49.8	1.6	No	No	No	0	51.1	1.3	No	0	0
193	2508 Gates 3H	1	B	No		50.5	52.2	1.7	No	No	No	0	53.7	1.5	No	0	0
194	2508 Gates 1I	1	B	No		47.7	49.7	2.0	No	No	No	0	50.1	0.4	No	0	0
194	2508 Gates 2I	1	B	No		49.2	51.2	2.0	No	No	No	0	52.1	0.9	No	0	0
195	2508 Gates 1J	1	B	No		47.8	49.7	1.9	No	No	No	0	50.5	0.8	No	0	0
195	2508 Gates 2J	1	B	No		49.2	50.9	1.7	No	No	No	0	51.5	0.6	No	0	0
196	2522 Gates 1A	1	B	No		51.5	52.5	1.0	No	No	No	0	60.9	8.4	Yes	1	1
196	2522 Gates 2A	1	B	No		52.1	53.1	1.0	No	No	No	0	61.1	8.0	Yes	1	1
196	2522 Gates 3A	1	B	No		53.7	55.4	1.7	No	No	No	0	62.2	6.8	Yes	1	0
197	2522 Gates 1B	1	B	No		51.2	52.5	1.3	No	No	No	0	60.1	7.6	Yes	1	1
197	2522 Gates 2B	1	B	No		51.7	53.0	1.3	No	No	No	0	60.6	7.6	Yes	1	1
197	2522 Gates 3B	1	B	No		54.0	55.7	1.7	No	No	No	0	61.8	6.1	Yes	1	0
198	2522 Gates 1C	1	B	No		50.8	52.3	1.5	No	No	No	0	59.0	6.7	Yes	1	0
198	2522 Gates 2C	1	B	No		51.3	52.9	1.6	No	No	No	0	59.7	6.8	Yes	1	0
198	2522 Gates 3C	1	B	No		54.3	55.8	1.5	No	No	No	0	61.2	5.4	Yes	1	0
199	2522 Gates 1D	1	B	No		50.5	52.2	1.7	No	No	No	0	58.4	6.2	Yes	1	0
199	2522 Gates 2D	1	B	No		51.1	52.8	1.7	No	No	No	0	59.2	6.4	Yes	1	0
199	2522 Gates 3D	1	B	No		54.2	55.8	1.6	No	No	No	0	60.9	5.1	Yes	1	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal Number of Receptors with 8 dB IL
200	2522 Gates 1E	1	B	No		48.2	49.0	0.8	No	No	No	0	56.0	7.0	Yes	1	0
200	2522 Gates 2F	1	B	No		49.5	50.2	0.7	No	No	No	0	57.1	6.9	Yes	1	0
201	2522 Gates 1F	1	B	No		47.6	48.4	0.8	No	No	No	0	55.5	7.1	Yes	1	0
201	2522 Gates 2F	1	B	No		48.9	49.7	0.8	No	No	No	0	56.5	6.8	Yes	1	0
202	2522 Gates 1G	1	B	No		45.4	46.5	1.1	No	No	No	0	45.7	-0.8	No	0	0
202	2522 Gates 2G	1	B	No		46.8	48.3	1.5	No	No	No	0	48.1	-0.2	No	0	0
202	2522 Gates 3G	1	B	No		50.8	52.3	1.5	No	No	No	0	52.8	0.5	No	0	0
203	2522 Gates 1H	1	B	No		45.7	46.7	1.0	No	No	No	0	45.9	-0.8	No	0	0
203	2522 Gates 2H	1	B	No		47.6	48.9	1.3	No	No	No	0	48.3	-0.6	No	0	0
203	2522 Gates 3H	1	B	No		51.2	52.6	1.4	No	No	No	0	52.9	0.3	No	0	0
204	2522 Gates 1I	1	B	No		44.5	45.7	1.2	No	No	No	0	45.3	-0.4	No	0	0
204	2522 Gates 2I	1	B	No		46.7	48.4	1.7	No	No	No	0	48.1	-0.3	No	0	0
204	2522 Gates 3I	1	B	No		51.4	53.1	1.7	No	No	No	0	53.6	0.5	No	0	0
205	2522 Gates 1J	1	B	No		43.8	45.2	1.4	No	No	No	0	45.0	-0.2	No	0	0
205	2522 Gates 2J	1	B	No		45.6	46.7	1.1	No	No	No	0	46.8	0.1	No	0	0
205	2522 Gates 3J	1	B	No		51.6	53.2	1.6	No	No	No	0	53.8	0.6	No	0	0
206	2522 Gates 1K	1	B	No		46.5	47.3	0.8	No	No	No	0	53.7	6.4	Yes	1	0
206	2522 Gates 2K	1	B	No		49.3	50.3	1.0	No	No	No	0	55.7	5.4	Yes	1	0
207	2522 Gates 1L	1	B	No		47.5	48.7	1.2	No	No	No	0	55.0	6.3	Yes	1	0
207	2522 Gates 2L	1	B	No		49.8	50.9	1.1	No	No	No	0	56.8	5.9	Yes	1	0
208	2524 Gates 1A	1	B	No		52.2	53.6	1.4	No	No	No	0	62.5	8.9	Yes	1	1
208	2524 Gates 2A	1	B	No		53.0	54.6	1.6	No	No	No	0	63.1	8.5	Yes	1	1
208	2524 Gates 3A	1	B	No		55.0	56.9	1.9	No	No	No	0	63.8	6.9	Yes	1	0
209	2524 Gates 1B	1	B	No		52.4	53.8	1.4	No	No	No	0	62.9	9.1	Yes	1	1
209	2524 Gates 2B	1	B	No		53.1	54.8	1.7	No	No	No	0	63.2	8.4	Yes	1	1
209	2524 Gates 3B	1	B	No		55.5	57.3	1.8	No	No	No	0	64.0	6.7	Yes	1	0
210	2524 Gates 1C	1	B	No		54.0	55.6	1.6	No	No	No	0	63.9	8.3	Yes	1	1
210	2524 Gates 2C	1	B	No		54.7	56.5	1.8	No	No	No	0	63.7	7.2	Yes	1	0
210	2524 Gates 3C	1	B	No		57.1	58.7	1.6	No	No	No	0	64.7	6.0	Yes	1	0
211	2524 Gates 1D	1	B	No		54.1	55.3	1.2	No	No	No	0	64.8	9.5	Yes	1	1
211	2524 Gates 2D	1	B	No		54.5	56.0	1.5	No	No	No	0	64.3	8.3	Yes	1	1
211	2524 Gates 3D	1	B	No		57.7	59.2	1.5	No	No	No	0	65.4	6.2	Yes	1	0
212	2524 Gates 1E	1	B	No		53.6	54.4	0.8	No	No	No	0	64.6	10.2	Yes	1	1
212	2524 Gates 2E	1	B	No		54.2	55.3	1.1	No	No	No	0	64.6	9.3	Yes	1	1
213	2524 Gates 1F	1	B	No		51.3	52.2	0.9	No	No	No	0	60.0	7.8	Yes	1	1
213	2524 Gates 2F	1	B	No		52.3	53.4	1.1	No	No	No	0	60.8	7.4	Yes	1	0
214	2524 Gates 1G	1	B	No		46.5	47.2	0.7	No	No	No	0	52.9	5.7	Yes	1	0
214	2524 Gates 2G	1	B	No		48.7	49.5	0.8	No	No	No	0	55.1	5.6	Yes	1	0
214	2524 Gates 3G	1	B	No		53.2	54.5	1.3	No	No	No	0	57.9	3.4	No	0	0
215	2524 Gates 1H	1	B	No		45.8	46.5	0.7	No	No	No	0	52.2	5.7	Yes	1	0
215	2524 Gates 2H	1	B	No		48.1	48.9	0.8	No	No	No	0	54.5	5.6	Yes	1	0
215	2524 Gates 3H	1	B	No		52.9	54.2	1.3	No	No	No	0	57.6	3.4	No	0	0
216	2524 Gates 1I	1	B	No		45.6	46.4	0.8	No	No	No	0	51.8	5.4	Yes	1	0
216	2524 Gates 2I	1	B	No		47.7	48.6	0.9	No	No	No	0	54.0	5.4	Yes	1	0
216	2524 Gates 3I	1	B	No		52.6	54.0	1.4	No	No	No	0	57.2	3.2	No	0	0
217	2524 Gates 1J	1	B	No		45.4	46.2	0.8	No	No	No	0	51.4	5.2	Yes	1	0
217	2524 Gates 2J	1	B	No		47.4	48.4	1.0	No	No	No	0	53.5	5.1	Yes	1	0
217	2524 Gates 3J	1	B	No		52.5	53.8	1.3	No	No	No	0	56.8	3.0	No	0	0
218	2524 Gates 1K	1	B	No		44.7	46.1	1.4	No	No	No	0	46.4	0.3	No	0	0
218	2524 Gates 2K	1	B	No		46.5	48.3	1.8	No	No	No	0	48.5	0.2	No	0	0
219	2524 Gates 1L	1	B	No		44.9	46.6	1.7	No	No	No	0	47.1	0.5	No	0	0
219	2524 Gates 2L	1	B	No		46.6	48.6	2.0	No	No	No	0	49.5	0.9	No	0	0
220	2526 Gates 1A	1	B	No		50.5	51.9	1.4	No	No	No	0	60.1	8.2	Yes	1	1
220	2526 Gates 2A	1	B	No		51.3	52.9	1.6	No	No	No	0	60.8	7.9	Yes	1	1
220	2526 Gates 3A	1	B	No		54.1	56.0	1.9	No	No	No	0	61.9	5.9	Yes	1	0
221	2526 Gates 1B	1	B	No		50.5	51.8	1.3	No	No	No	0	60.7	8.9	Yes	1	1
221	2526 Gates 2B	1	B	No		51.3	52.8	1.5	No	No	No	0	61.2	8.4	Yes	1	1

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (incl existing barriers & deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences	Worst Case Build (No Barrier) (incl deck noise) Leq (dBA)	IL (dB)	Benefited? (At least 5 dB IL)	Number of Benefits	Noise Reduction Design Goal: Number of Receptors with 8 dB IL
221	2526 Gates 3B	1	B	No		53.9	55.8	1.9	No	No	No	0	62.1	6.3	Yes	1	0
222	2526 Gates 1C	1	B	No		49.2	50.6	1.4	No	No	No	0	59.6	9.0	Yes	1	1
222	2526 Gates 2C	1	B	No		50.5	52.2	1.7	No	No	No	0	60.4	8.2	Yes	1	1
222	2526 Gates 3C	1	B	No		53.4	55.3	1.9	No	No	No	0	61.4	6.1	Yes	1	0
223	2526 Gates 1D	1	B	No		47.6	49.0	1.4	No	No	No	0	57.2	8.2	Yes	1	1
223	2526 Gates 2D	1	B	No		49.4	51.2	1.8	No	No	No	0	58.5	7.3	Yes	1	0
223	2526 Gates 3D	1	B	No		53.0	54.8	1.8	No	No	No	0	59.8	5.0	Yes	1	0
224	2526 Gates 1K	1	B	No		47.4	49.6	2.2	No	No	No	0	51.8	2.2	No	0	0
224	2526 Gates 2K	1	B	No		48.6	50.6	2.0	No	No	No	0	52.6	2.0	No	0	0
225	2526 Gates 1L	1	B	No		48.1	49.9	1.8	No	No	No	0	52.2	2.3	No	0	0
225	2526 Gates 2L	1	B	No		49.0	50.4	1.4	No	No	No	0	53.0	2.6	No	0	0

Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"


N
W
E
S
Larguier
Office Park
Commercial
Westport
Westport
Lobdell
76
131
131
415
415
10
10
10
1
2
3
4
5
6
Feet
0 120 240 480
Legend
Impacted Receiver
Non-impacted Receiver
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

WB8 (1 of 1)

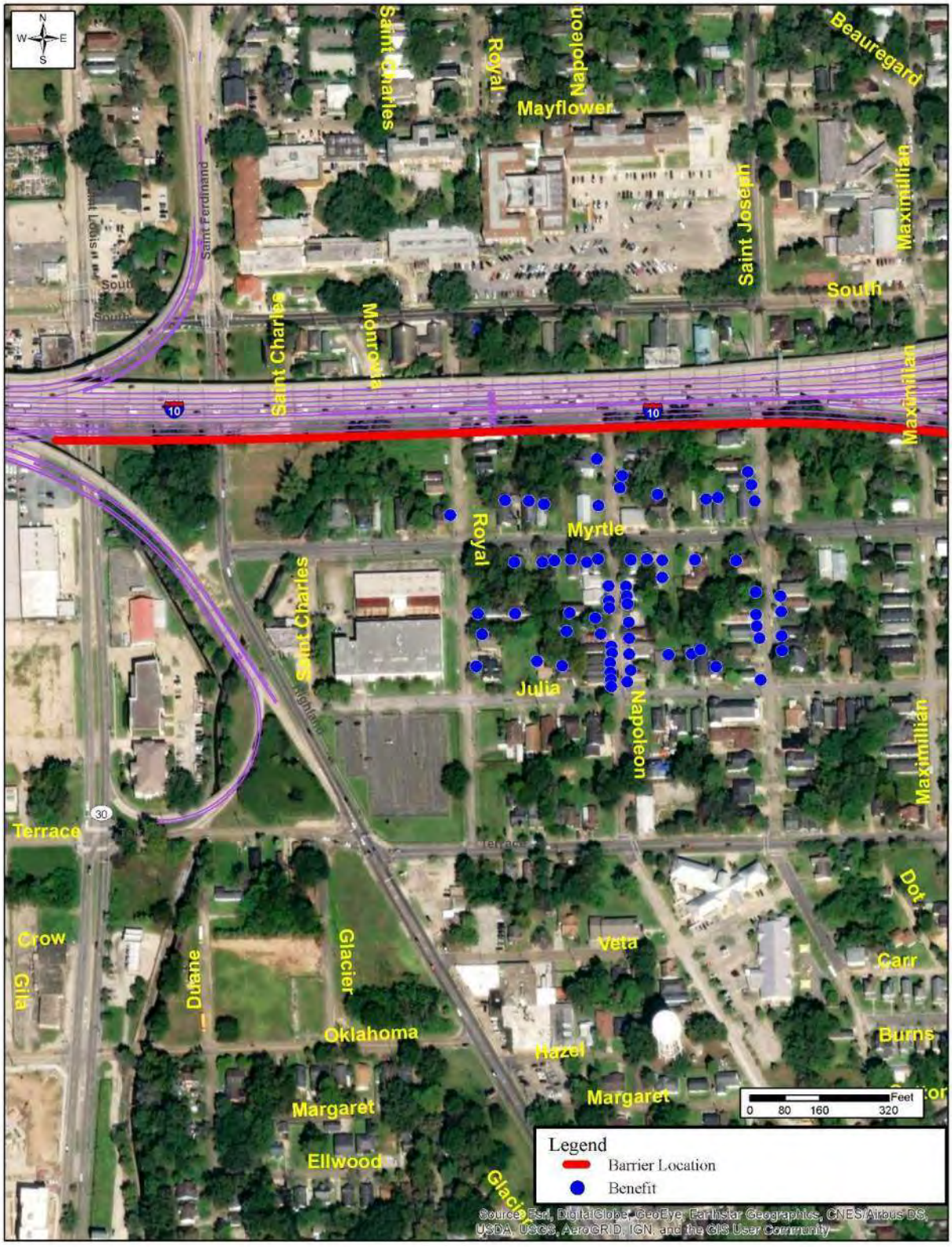
Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Project #:	H.004100
County:	East Baton Rouge and West Baton Rouge Parishes
NSA	WB8
Description:	North of I-10 between LA 415 and 2179 Commercial Drive
Design Year:	2040
Alternative:	Build
Total Receptors	6

IMPACTS (w/barrier)	
Category B Impacts	*0*
Category C Impacts	*0*
Category D Impacts	*0*
Category E Impacts	*0*
Total Impacts	*0*

Receiver Number	Receiver Name	# of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck (ft)	Existing Sound Level (dBA)	Build (No Barrier, incl deck noise) Leq (dBA)	Sound Level Increase (dB)	Approach/ Exceed NAC?	Substantial Increase?	Impacted?	Impacted Residences
1	Allen Courts Apts	1	B	No		58.9	60.8	1.9	No	No	No	0
2	Westport Village Apts	1	B	No		59.4	61.3	1.9	No	No	No	0
3	Riverwest Apts	1	B	No		59.2	61.4	2.2	No	No	No	0
4	Hampton Inn & Suites (pool)	1	E	No		57.0	56.7	-0.3	No	No	No	0
5	Comfort Suites (pool)	1	E	No		59.4	57.3	-2.1	No	No	No	0
6	La Quinta Inn & Suites (pool)	1	E	No		62.0	62.3	0.3	No	No	No	0

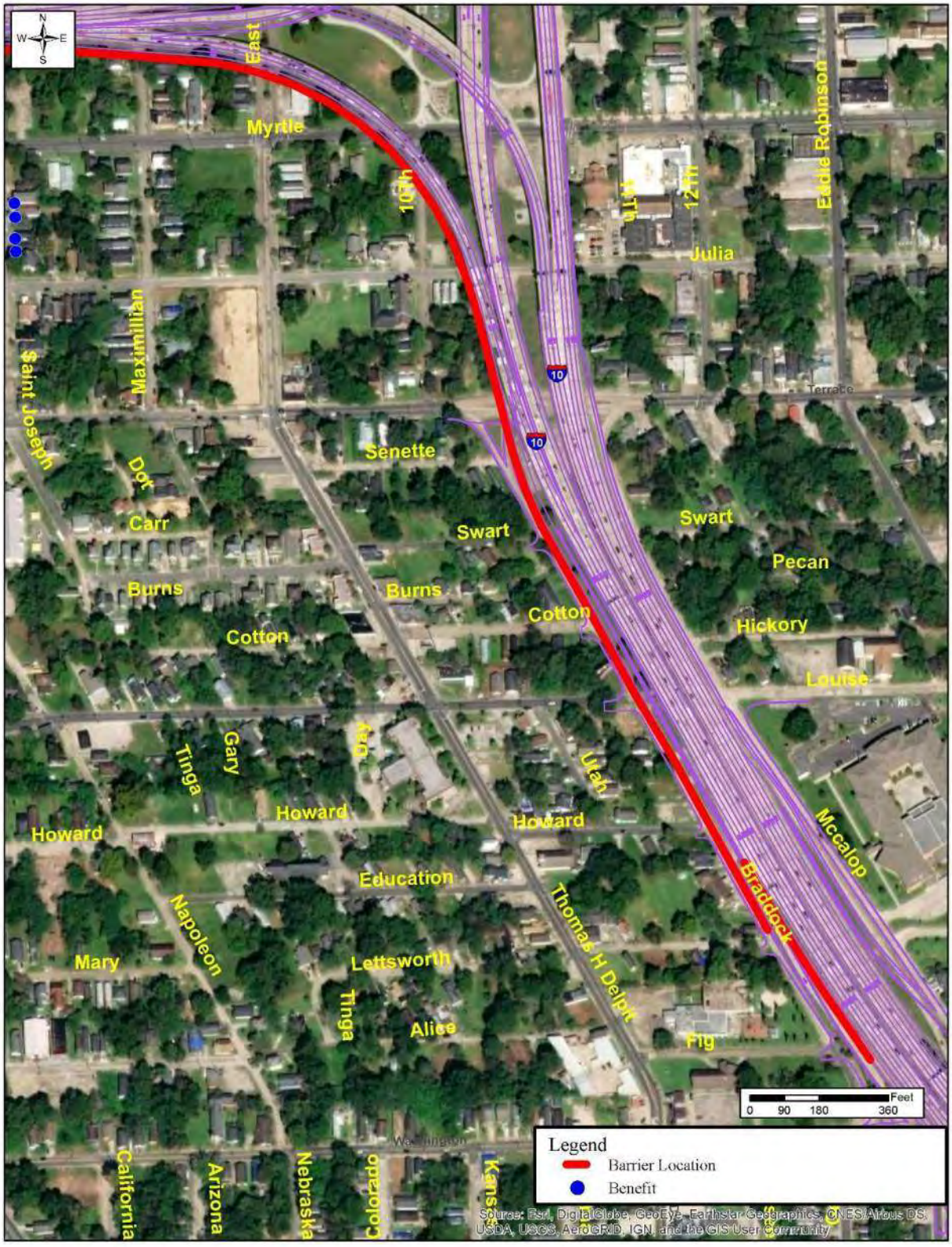
Note: Only receivers adjacent to bridge structures have values for "Distance to Bridge Deck"

Appendix D
Noise Abatement Results and Benefits



EB1 (1 of 2)

Barrier Not Feasible



EB1 (2 of 2)

Barrier Not Feasible

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB1
Background Sound Level:	45

Barrier Area	76,830
Total Length	5,569
Average Height	14
Unit Cost ($/ft²)	30
Total Cost	2,304,900

# of 1st row impacted receptors	42
# of 1st row impacted & benefited	0
Feasible?	No (0%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
513 Myrtle St	1	B	Yes	160	69.5	71.0	61.3	67.0	8.2	4.0	Yes	No	0	No	0
515 Myrtle St	1	B	Yes	170	69.4	70.9	61.3	67.0	8.1	3.9	Yes	No	0	No	0
517 Myrtle St	1	B	Yes	164	69.5	71.0	61.2	67.0	8.3	4.0	Yes	No	0	No	0
521 Myrtle St	1	B	Yes	156	69.8	71.2	61.3	67.0	8.5	4.2	Yes	No	0	No	0
958 Royal St	1	B	Yes	103	69.6	71.8	60.9	66.5	8.7	5.2	Yes	No	0	No	0
941 Royal St	1	B	Yes	35	66.3	74.1	61.1	73.6	5.2	0.5	Yes	No	0	No	0
926 Napolean St	1	B	Yes	31	66.9	74.2	62.0	73.6	4.9	0.6	Yes	No	0	No	0
921 Napolean St	1	B	Yes	74	70.5	73.7	62.7	71.5	7.8	2.2	Yes	No	0	No	0
940 St Joseph St	1	B	Yes	50	69.4	73.2	64.6	71.8	4.8	1.4	Yes	No	0	No	0
943 Maximillian St	1	B	Yes	36	72.5	75.9	69.7	74.9	2.8	1.1	Yes	No	0	No	0
917 Myrtle St	1	B	Yes	62	71.3	74.1	68.4	72.8	2.9	1.3	Yes	No	0	No	0
926 East Blvd	1	B	Yes	28	70.2	75.0	68.0	74.4	2.2	0.6	Yes	No	0	No	0
928 East Blvd	1	B	Yes	65	69.5	73.3	65.6	72.0	3.9	1.2	Yes	No	0	No	0
940 East Blvd	1	B	Yes	103	68.8	71.3	65.0	69.6	3.8	1.7	Yes	No	0	No	0
972 Myrtle St	1	B	Yes	124	70.2	72.1	66.4	70.1	3.8	2.0	Yes	No	0	No	0
987 Myrtle St	1	B	Yes	65	71.9	74.4	67.7	72.6	4.2	1.8	Yes	No	0	No	0
1150 S 10th St	1	B	Yes	95	71.7	73.3	68.0	71.6	3.2	1.7	Yes	No	0	No	0
1004 Julia St	1	B	Yes	56	69.8	73.4	67.9	72.7	1.9	0.7	Yes	No	0	No	0
1215 S 10th St	1	B	Yes	60	69.1	73.1	67.1	72.4	2.0	0.7	Yes	No	0	No	0
1239 S 10th St	1	B	Yes	88	69.6	72.4	67.7	71.5	1.9	0.9	Yes	No	0	No	0
1014 Senette St	1	B	Yes	67	67.6	72.6	66.5	72.3	1.1	0.3	Yes	No	0	No	0
970 Senette St	1	B	Yes	117	66.8	70.3	65.2	69.7	1.6	0.6	Yes	No	0	No	0
946 Swart St	1	B	Yes	173	66.8	69.3	66.1	68.9	0.7	0.4	Yes	No	0	No	0
951 Burns Dr	1	B	Yes	155	67.0	69.4	66.5	69.1	0.5	0.3	Yes	No	0	No	0
967 Cottrin St	1	B	Yes	87	69.4	72.3	69.2	72.2	0.2	0.1	Yes	No	0	No	0
1004 Cottrin St	1	B	Yes	72	70.2	73.6	70.1	73.5	0.1	0.0	Yes	No	0	No	0
978 Cottrin St	1	B	Yes	173	69.2	71.5	69.0	71.4	0.2	0.1	Yes	No	0	No	0
1573 Utah St	1	B	Yes	165	68.0	70.0	67.7	69.8	0.3	0.2	Yes	No	0	No	0
1510 Braddock St	1	B	Yes	66	69.2	73.1	69.1	73.1	0.1	0.0	Yes	No	0	No	0
1538 Braddock St	1	B	Yes	80	69.8	72.5	69.6	72.4	0.2	0.1	Yes	No	0	No	0
1567 Utah St	1	B	Yes	157	67.5	69.7	67.1	69.4	0.4	0.2	Yes	No	0	No	0
1591 Utah St	1	B	Yes	156	67.5	69.7	67.1	69.4	0.4	0.2	Yes	No	0	No	0
936 Howard St	1	B	Yes	112	67.7	70.7	67.3	70.5	0.4	0.2	Yes	No	0	No	0
924 Howard St	1	B	Yes	156	67.2	69.5	66.8	69.3	0.4	0.2	Yes	No	0	No	0
1616 Braddock St	1	B	Yes	40	69.6	74.8	68.6	74.6	1.0	0.3	Yes	No	0	No	0
Fairview Baptist Ch (no ext use)	1	D	Yes	44	44.5	51.1	41.7	50.6	2.8	0.5	Yes	No	0	No	0
937 Letsworth St	1	B	Yes	66	69.4	73.2	66.1	72.2	3.3	1.1	Yes	No	0	No	0
946 Letsworth St	1	B	Yes	141	68.1	70.4	64.0	68.5	4.1	1.9	Yes	No	0	No	0
1704 Braddock St	1	B	Yes	80	69.3	72.2	65.6	70.7	3.7	1.5	Yes	No	0	No	0
Barranco Clark YMCA Playground	1	C	Yes	187	67.4	67.4	64.6	64.6	2.8	2.8	Yes	No	0	No	0
968 Fig St	1	B	Yes	153	68.1	70.1	66.1	68.9	2.0	1.2	Yes	No	0	No	0
992 Royal St	1	B	No	150	69.7	71.1	61.0	66.9	8.7	4.2	Yes	No	0	No	0
525 Myrtle St	1	B	No	189	69.6	69.6	60.9	61.0	8.7	8.6	Yes	Yes	1	Yes	1
931 Royal St	1	B	No	58	69.1	73.1	61.7	71.4	7.4	1.7	Yes	No	0	No	0
953 Royal St	1	B	No	94	70.5	72.9	61.6	69.8	8.9	3.0	Yes	No	0	No	0
605 Myrtle St	1	B	No	180	70.9	72.0	62.1	67.2	8.8	4.8	Yes	Yes	1	No	0
607 Myrtle St	1	B	No	163	71.0	72.1	62.0	67.2	9.0	4.9	Yes	Yes	1	No	0
609 Myrtle St	1	B	No	170	70.8	72.0	61.9	67.2	8.9	4.8	Yes	Yes	1	No	0
932 Napolean St	1	B	No		70.1	70.1	62.4	62.5	7.7	7.6	Yes	Yes	1	Yes	1
1038 Napolean St	1	B	No		69.5	69.5	61.4	61.5	8.1	8.0	Yes	Yes	1	Yes	1
923 Napolean St	1	B	No		70.2	70.2	62.1	62.2	8.1	8.0	Yes	Yes	1	Yes	1
933 Napolean St	1	B	No		70.4	70.4	62.2	62.3	8.2	8.1	Yes	Yes	1	Yes	1
705 Myrtle St	1	B	No		70.5	70.5	62.3	62.4	8.2	8.1	Yes	Yes	1	Yes	1
709 Myrtle St	1	B	No		70.4	70.4	63.0	63.1	7.4	7.3	Yes	Yes	1	No	0
713 Myrtle St	1	B	No		70.4	70.4	63.1	63.2	7.3	7.2	Yes	Yes	1	No	0
952 St Joseph St	1	B	No		69.2	69.2	63.9	64.0	5.3	5.3	Yes	Yes	1	No	0
715 Myrtle St	1	B	No		69.2	69.2	63.3	63.4	5.9	5.9	Yes	Yes	1	No	0
956 St Joseph St	1	B	No		69.3	69.3	64.0	64.1	5.3	5.3	Yes	Yes	1	No	0
837 Myrtle St	1	B	No		70.4	70.4	66.7	66.7	3.7	3.7	Yes	No	0	No	0
958 Maximillian St	1	B	No		70.1	70.1	66.9	66.9	3.2	3.2	Yes	No	0	No	0
964 Maximillian St	1	B	No		67.6	67.6	64.8	64.8	2.8	2.8	Yes	No	0	No	0
963 Maximillian St	1	B	No		70.8	70.8	68.0	68.0	2.8	2.8	Yes	No	0	No	0
965 Maximillian St	1	B	No		70.1	70.1	66.9	66.9	3.2	3.2	Yes	No	0	No	0
969 Maximillian St	1	B	No		69.4	69.4	66.2	66.2	3.2	3.2	Yes	No	0	No	0
1103 Thomas H Delpit Dr	1	B	No		68.6	68.6	65.2	65.2	3.4	3.4	Yes	No	0	No	0
1105 Thomas H Delpit Dr	1	B	No		67.7	67.7	64.5	64.5	3.2	3.2	Yes	No	0	No	0
1107 Thomas H Delpit Dr	1	B	No		68.2	68.2	65.2	65.2	3.0	3.0	Yes	No	0	No	0
1109 Thomas H Delpit Dr	1	B	No		68.0	68.0	65.1	65.1	2.9	2.9	Yes	No	0	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB1
Background Sound Level:	45

Barrier Area	76,830
Total Length	5,569
Average Height	14
Unit Cost ($/ft²)	30
Total Cost	2,304,900

# of 1st row impacted receptors	42
# of 1st row impacted & benefited	0
Feasible?	No (0%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
1117 Thomas H Delbit Dr	1	B	No		66.3	66.3	65.4	65.4	2.9	2.9	Yes	No	0	No	0
1131 Thomas H Delbit Dr	1	B	No		66.5	66.5	63.8	63.9	2.7	2.7	Yes	No	0	No	0
991 Julia St	1	B	No		69.5	69.5	66.7	66.7	2.8	2.8	Yes	No	0	No	0
961 Julia St	1	B	No		69.1	69.1	66.3	66.3	2.8	2.8	Yes	No	0	No	0
967 Julia St	1	B	No		67.5	67.5	64.7	64.7	2.8	2.8	Yes	No	0	No	0
965 Julia St	1	B	No		67.3	67.3	64.4	64.4	2.9	2.9	Yes	No	0	No	0
1002 Julia St	1	B	No		69.7	69.7	66.8	66.8	2.9	2.9	Yes	No	0	No	0
Progressive Bapt Ch (Cat D)	1	D	No		44.0	47.5	40.9	46.4	3.1	1.1	No	No	0	No	0
1226 S 10th St	1	B	No		68.0	68.0	65.8	65.8	2.2	2.2	Yes	No	0	No	0
1228 S 10th St	1	B	No		68.1	68.1	66.0	66.0	2.1	2.1	Yes	No	0	No	0
1232 S 10th St	1	B	No		68.1	68.1	66.1	66.1	2.0	2.0	Yes	No	0	No	0
1234 S 10th St	1	B	No		67.9	67.9	65.9	65.9	2.0	2.0	Yes	No	0	No	0
979 Terrace St	1	B	No		66.0	66.0	64.1	64.2	1.9	1.9	Yes	No	0	No	0
975 S Terrace St	1	B	No		65.0	65.0	62.8	62.9	2.2	2.2	No	No	0	No	0
963 Terrace St	1	B	No		64.0	64.1	61.8	61.9	2.2	2.2	No	No	0	No	0
968 Terrace St	1	B	No		66.3	66.3	64.4	64.4	1.9	1.9	Yes	No	0	No	0
980 Terrace St	1	B	No		65.7	65.7	63.8	63.9	1.9	1.9	Yes	No	0	No	0
976 Terrace St	1	B	No		65.0	65.0	63.0	63.1	2.0	2.0	No	No	0	No	0
970 Terrace St	1	B	No		64.5	64.5	62.4	62.5	2.1	2.1	No	No	0	No	0
960 Terrace St	1	B	No		63.9	64.0	61.8	61.9	2.1	2.1	No	No	0	No	0
954 Terrace St	1	B	No		63.2	63.3	61.2	61.3	2.0	2.0	No	No	0	No	0
952 Terrace St	1	B	No		61.8	61.9	60.0	60.1	1.8	1.8	No	No	0	No	0
946 Senette St	1	B	No		66.5	66.5	64.8	64.8	1.7	1.7	Yes	No	0	No	0
918 Senette St	1	B	No		65.7	65.7	64.0	64.1	1.7	1.7	Yes	No	0	No	0
882 Senette St	1	B	No		64.7	64.7	62.9	63.0	1.8	1.8	No	No	0	No	0
850 Senette St	1	B	No		64.2	64.3	62.3	62.4	1.9	1.9	No	No	0	No	0
920 Swart St	1	B	No		64.5	64.5	63.2	63.3	1.3	1.3	No	No	0	No	0
912 Swart St	1	B	No		64.1	64.2	62.4	62.5	1.7	1.7	No	No	0	No	0
931 Burns Dr	1	B	No		64.6	64.6	64.3	64.4	0.3	0.3	No	No	0	No	0
877 Burns Dr	1	B	No		63.2	63.3	62.9	63.0	0.3	0.3	No	No	0	No	0
855 Burns Dr	1	B	No		63.3	63.4	62.4	62.5	0.9	0.9	No	No	0	No	0
955 Cotton St	1	B	No		66.4	66.4	66.2	66.2	0.2	0.2	Yes	No	0	No	0
837 Cotton St	1	B	No		64.0	64.1	63.7	63.8	0.3	0.3	No	No	0	No	0
964 Cotton St	1	B	No		68.0	68.0	67.8	67.8	0.2	0.2	Yes	No	0	No	0
927 Cotton St	1	B	No		67.1	67.1	66.8	66.8	0.3	0.3	Yes	No	0	No	0
906 Cotton St	1	B	No		66.6	66.6	66.3	66.3	0.3	0.3	Yes	No	0	No	0
876 Cotton St	1	B	No		65.5	65.5	65.1	65.1	0.4	0.4	Yes	No	0	No	0
855 Louise St	1	B	No		66.3	66.3	65.9	65.9	0.4	0.4	Yes	No	0	No	0
853 Louise St	1	B	No		65.7	65.7	65.3	65.3	0.4	0.4	Yes	No	0	No	0
851 Louise St	1	B	No		65.4	65.4	65.0	65.0	0.4	0.4	No	No	0	No	0
906 Louise St	1	B	No		66.4	66.4	66.0	66.0	0.4	0.4	Yes	No	0	No	0
1541 Utah St	1	B	No		67.8	67.8	67.4	67.4	0.4	0.4	Yes	No	0	No	0
1555 Utah St	1	B	No		67.7	67.7	67.3	67.3	0.4	0.4	Yes	No	0	No	0
864 Louise St	1	B	No		66.2	66.2	65.7	65.7	0.5	0.5	Yes	No	0	No	0
1570 Utah St	1	B	No		66.4	66.4	66.0	66.0	0.4	0.4	Yes	No	0	No	0
1530 Utah St	1	B	No		66.4	66.4	65.9	65.9	0.5	0.5	Yes	No	0	No	0
1542 Utah St	1	B	No		66.4	66.4	65.9	65.9	0.5	0.5	Yes	No	0	No	0
1550 Utah St	1	B	No		66.3	66.3	65.7	65.7	0.6	0.6	Yes	No	0	No	0
1558 Utah St	1	B	No		66.2	66.2	65.6	65.6	0.6	0.6	Yes	No	0	No	0
1564 Utah St	1	B	No		66.3	66.3	65.5	65.5	0.8	0.8	Yes	No	0	No	0
1567 Thomas H Delbit Dr	1	B	No		63.4	63.5	62.7	62.8	0.7	0.7	No	No	0	No	0
New Jerusalem Bapt Church (no ext use)	1	D	No		39.0	46.0	36.8	45.9	0.2	0.0	No	No	0	No	0
831 Lettsworth Dr	1	B	No		66.0	66.0	63.7	63.8	2.3	2.3	Yes	No	0	No	0
1669 Thomas H Delbit Dr	1	B	No		65.8	65.8	64.2	64.3	1.6	1.6	Yes	No	0	No	0
1649 Thomas H Delbit Dr	1	B	No		64.6	64.6	62.8	62.9	1.8	1.8	No	No	0	No	0
928 Lettsworth Dr	1	B	No		67.0	67.0	63.8	63.9	3.2	3.2	Yes	No	0	No	0
912 Lettsworth Dr	1	B	No		66.7	66.7	63.5	63.6	3.2	3.2	Yes	No	0	No	0
Neeley UM Church (no ext)	1	D	No		-25.0	45.0	-25.0	45.0	0.0	0.0	No	No	0	No	0
606 Myrtle St	1	B	No		67.6	67.6	61.4	61.5	6.2	6.1	Yes	Yes	1	No	0
608 Myrtle St	1	B	No		67.7	67.7	61.4	61.5	6.3	6.2	Yes	Yes	1	No	0
610 Myrtle St	1	B	No		67.7	67.7	61.4	61.5	6.3	6.2	Yes	Yes	1	No	0
614 Myrtle St	1	B	No		67.8	67.8	61.4	61.5	6.4	6.3	Yes	Yes	1	No	0
616 Myrtle St	1	B	No		67.8	67.8	61.4	61.5	6.4	6.3	Yes	Yes	1	No	0
618 Myrtle St	1	B	No		67.8	67.8	61.4	61.5	6.4	6.3	Yes	Yes	1	No	0
1121 Royal St	1	B	No		65.1	65.1	58.1	58.3	7.0	6.8	No	Yes	1	No	0
1123 Royal St	1	B	No		65.3	65.3	58.4	58.6	6.9	6.7	No	Yes	1	No	0
1125 Royal St	1	B	No		67.6	67.7	56.2	56.5	6.4	6.2	No	Yes	1	No	0
1127 Royal St	1	B	No		61.1	61.2	57.8	58.0	3.3	3.2	No	No	0	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB1
Background Sound Level:	45

Barrier Area	76,830
Total Length	5,589
Average Height	14
Unit Cost ($/ft²)	30
Total Cost	2,304,900

# of 1st row impacted receptors	42
# of 1st row impacted & benefited	0
Feasible?	No (0%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
1129 Royal St	1	B	No		63.6	63.7	59.4	59.6	4.2	4.1	No	No	0	No	0
601 Julia St	1	B	No		61.1	61.2	53.9	54.4	7.2	6.8	No	Yes	1	No	0
607 Julia St	1	B	No		62.3	62.4	57.1	57.4	5.2	5.0	No	Yes	1	No	0
635 Julia St	1	B	No		62.3	62.4	57.1	57.4	5.2	5.0	No	Yes	1	No	0
1110 Napoleon St	1	B	No		64.9	64.9	58.7	58.9	6.2	6.1	No	Yes	1	No	0
1114 Napoleon St	1	B	No		64.4	64.4	58.2	58.4	6.2	6.0	No	Yes	1	No	0
1116 Napoleon St	1	B	No		64.2	64.3	58.1	58.3	6.1	5.9	No	Yes	1	No	0
1122 Napoleon St	1	B	No		63.4	63.5	57.7	57.9	5.7	5.5	No	Yes	1	No	0
1124 Napoleon St	1	B	No		65.8	65.8	59.4	59.6	6.4	6.3	Yes	Yes	1	No	0
1126 Napoleon St	1	B	No		63.4	63.5	56.5	56.8	6.9	6.7	No	Yes	1	No	0
1128 Napoleon St	1	B	No		62.8	62.9	58.1	58.3	4.7	4.6	No	Yes	1	No	0
1130 Napoleon St	1	B	No		62.7	62.8	56.5	56.8	6.2	6.0	No	Yes	1	No	0
1136 Napoleon St	1	B	No		62.5	62.6	56.6	56.9	5.9	5.7	No	Yes	1	No	0
1140 Napoleon St	1	B	No		61.9	62.0	56.2	56.5	5.7	5.5	No	Yes	1	No	0
1142 Napoleon St	1	B	No		61.7	61.8	56.3	56.6	5.4	5.2	No	Yes	1	No	0
1144 Napoleon St	1	B	No		61.6	61.7	56.4	56.7	5.2	5.0	No	Yes	1	No	0
1146 Napoleon St	1	B	No		61.2	61.3	55.8	56.1	5.4	5.2	No	Yes	1	No	0
704 Myrtle St	1	B	No		67.4	67.4	61.3	61.4	6.1	6.0	Yes	Yes	1	No	0
706 Myrtle St	1	B	No		67.4	67.4	61.3	61.4	6.1	6.0	Yes	Yes	1	No	0
708 Myrtle St	1	B	No		67.2	67.2	61.3	61.4	5.9	5.8	Yes	Yes	1	No	0
710 Myrtle St	1	B	No		66.0	66.0	60.5	60.6	5.5	5.4	Yes	Yes	1	No	0
714 Myrtle St	1	B	No		66.9	66.9	61.4	61.5	5.5	5.4	Yes	Yes	1	No	0
722 Myrtle St	1	B	No		66.7	66.7	61.7	61.8	5.0	4.9	Yes	Yes	1	No	0
1111 Napoleon St	1	B	No		65.6	65.6	58.8	59.0	6.8	6.7	Yes	Yes	1	No	0
1113 Napoleon St	1	B	No		65.0	65.0	58.2	58.4	6.8	6.6	No	Yes	1	No	0
1115 Napoleon St	1	B	No		64.7	64.7	58.1	58.3	6.6	6.4	No	Yes	1	No	0
1119 Napoleon St	1	B	No		64.1	64.2	57.8	58.0	6.3	6.1	No	Yes	1	No	0
1123 Napoleon St	1	B	No		63.8	63.9	57.8	58.0	6.0	5.8	No	Yes	1	No	0
1129 Napoleon St	1	B	No		63.0	63.1	56.8	57.1	6.2	6.0	No	Yes	1	No	0
1139 Napoleon St	1	B	No		62.5	62.6	57.1	57.4	5.4	5.2	No	Yes	1	No	0
1145 Napoleon St	1	B	No		62.9	63.0	58.1	58.3	4.8	4.7	No	Yes	1	No	0
707 Julia St	1	B	No		63.6	63.7	58.5	58.7	5.1	5.0	No	Yes	1	No	0
713 Julia St	1	B	No		63.6	63.7	58.7	58.9	4.9	4.8	No	Yes	1	No	0
715 Julia St	1	B	No		63.5	63.6	58.7	58.9	4.8	4.7	No	Yes	1	No	0
725 Julia St	1	B	No		63.5	63.6	58.7	58.9	4.8	4.7	No	Yes	1	No	0
1108 St Joseph St	1	B	No		64.1	64.2	59.3	59.5	4.8	4.7	No	Yes	1	No	0
1110 St Joseph St	1	B	No		63.8	63.9	59.3	59.5	4.5	4.4	No	No	0	No	0
1112 St Joseph St	1	B	No		64.9	64.9	60.0	60.1	4.9	4.8	No	Yes	1	No	0
1114 St Joseph St	1	B	No		63.3	63.4	58.5	58.7	4.8	4.7	No	Yes	1	No	0
1120 St Joseph St	1	B	No		64.5	64.5	59.0	59.2	5.5	5.4	No	Yes	1	No	0
1122 St Joseph St	1	B	No		62.6	62.7	58.2	58.4	4.4	4.3	No	No	0	No	0
1126 St Joseph St	1	B	No		63.1	63.2	58.2	58.4	4.9	4.8	No	Yes	1	No	0
814 Myrtle St	1	B	No		66.1	66.1	61.6	61.7	4.5	4.4	Yes	No	0	No	0
820 Myrtle St	1	B	No		65.9	65.9	61.6	61.7	4.3	4.2	Yes	No	0	No	0
836 Myrtle St	1	B	No		66.4	66.4	67.4	67.5	4.0	4.0	Yes	No	0	No	0
840 Myrtle St	1	B	No		66.6	66.6	63.1	63.2	3.5	3.5	Yes	No	0	No	0
1102 Maximilian St	1	B	No		66.4	66.4	63.4	63.5	3.0	3.0	Yes	No	0	No	0
1105 St Joseph St	1	B	No		64.4	64.4	59.5	59.7	4.9	4.8	No	Yes	1	No	0
1107 St Joseph St	1	B	No		63.8	63.9	58.7	58.9	5.1	5.0	No	Yes	1	No	0
1119 St Joseph St	1	B	No		63.3	63.4	58.7	58.9	4.6	4.5	No	Yes	1	No	0
1121 St Joseph St	1	B	No		63.4	63.5	58.7	58.9	4.7	4.6	No	Yes	1	No	0
1127 St Joseph St	1	B	No		63.1	63.2	59.1	59.3	4.0	3.9	No	No	0	No	0
815 Julia St	1	B	No		63.8	63.9	59.8	59.9	4.0	3.9	No	No	0	No	0
821 Julia St	1	B	No		63.7	63.8	59.8	59.9	3.9	3.8	No	No	0	No	0
823 Julia St	1	B	No		63.6	63.7	60.0	60.1	3.6	3.5	No	No	0	No	0
1106 Maximilian St	1	B	No		65.5	65.5	62.3	62.4	3.2	3.2	Yes	No	0	No	0
1118 Maximilian St	1	B	No		64.9	64.9	61.9	62.0	3.0	3.0	No	No	0	No	0
1122 Maximilian St	1	B	No		64.7	64.7	61.8	61.9	2.9	2.9	No	No	0	No	0
1124 Maximilian St	1	B	No		64.6	64.6	61.6	61.7	3.0	3.0	No	No	0	No	0
1128 Maximilian St	1	B	No		64.4	64.4	61.4	61.5	3.0	3.0	No	No	0	No	0
1132 Maximilian St	1	B	No		64.3	64.4	61.3	61.4	3.0	3.0	No	No	0	No	0
1107 Maximilian St	1	B	No		65.9	65.9	63.2	63.3	2.7	2.7	Yes	No	0	No	0
1113 Maximilian St	1	B	No		65.9	65.9	63.0	63.1	2.9	2.9	Yes	No	0	No	0
1119 Maximilian St	1	B	No		65.6	65.6	62.7	62.8	2.9	2.9	Yes	No	0	No	0
1121 Maximilian St	1	B	No		65.4	65.4	62.6	62.7	2.8	2.8	No	No	0	No	0
1123 Maximilian St	1	B	No		65.2	65.2	62.5	62.6	2.7	2.7	No	No	0	No	0
1133 Maximilian St	1	B	No		64.5	64.5	61.8	61.9	2.7	2.7	No	No	0	No	0
913 Julia St	1	B	No		65.1	65.1	62.4	62.5	2.7	2.7	No	No	0	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB1
Background Sound Level:	45

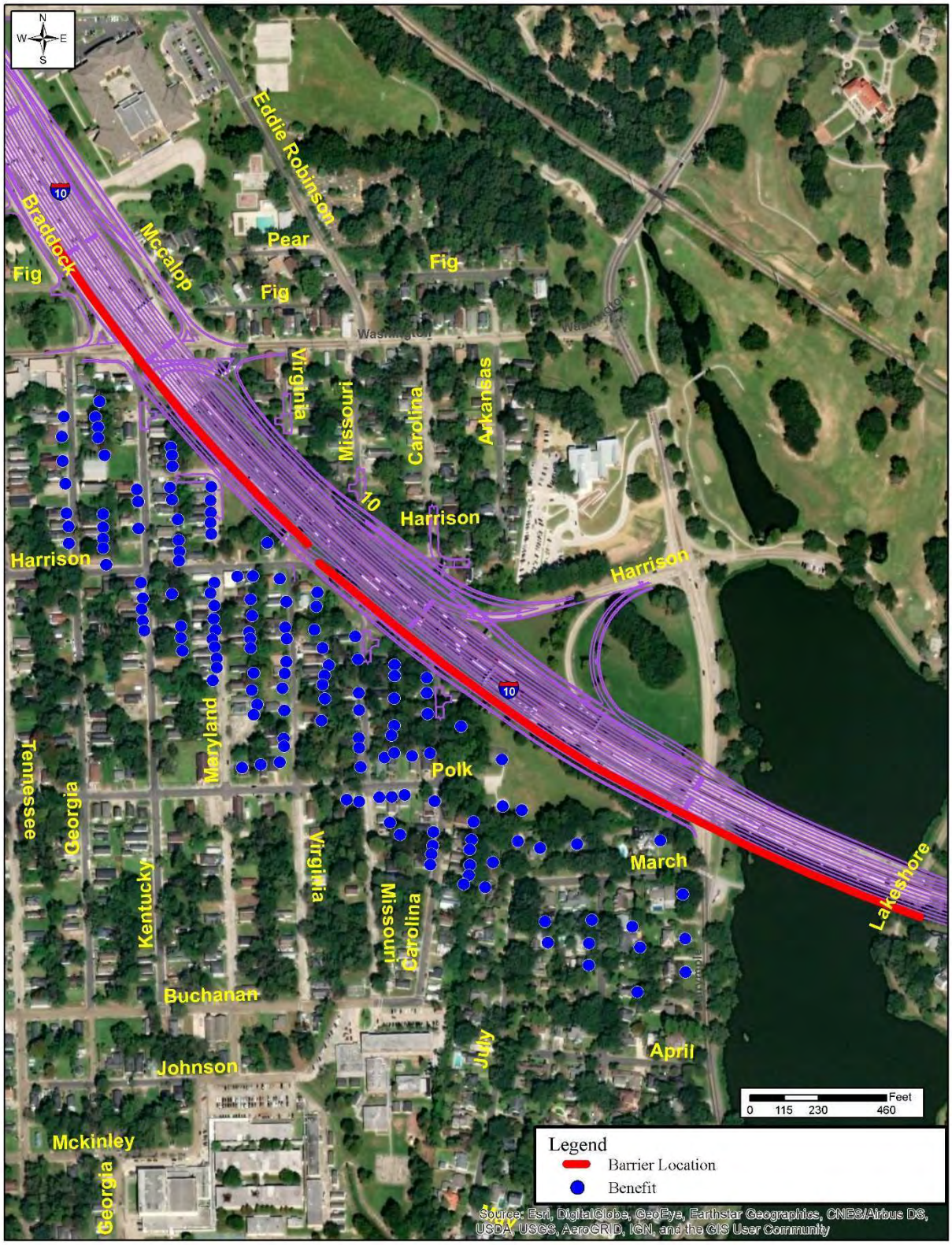
Barrier Area	76,830
Total Length	5,569
Average Height	14
Unit Cost ($/ft²)	30
Total Cost	2,304,900

# of 1st row impacted receptors	42
# of 1st row impacted & benefited	0
Feasible?	No (0%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
915 Julia St	1	B	No		65.5	65.5	62.8	62.9	2.7	2.7	Yes	No	0	No	0
953 Julia St	1	B	No		65.6	65.6	63.2	63.3	2.4	2.4	Yes	No	0	No	0
1203 Thomas H Delbit Dr	1	B	No		64.9	64.9	62.4	62.5	2.5	2.5	No	No	0	No	0
1606 Thomas H Delbit Dr	1	B	No		62.1	62.2	61.7	61.8	0.4	0.4	No	No	0	No	0
1652 Thomas H Delbit Dr	1	B	No		58.3	58.5	57.6	57.8	0.7	0.7	No	No	0	No	0
1662 Thomas H Delbit Dr	1	B	No		56.8	57.1	55.7	56.1	1.1	1.0	No	No	0	No	0
1668 Thomas H Delbit Dr	1	B	No		58.0	58.2	56.6	56.9	1.4	1.3	No	No	0	No	0
1718 Thomas H Delbit Dr	1	B	No		61.3	61.4	58.5	58.7	2.8	2.7	No	No	0	No	0
Barranco Clark YMCA Playground	1	C	Yes	90	69.2	72.2	65.5	70.7	3.7	1.5	Yes	No	0	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-1
Noise Analysis Area:	EB1

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
EB I-10:414+00	EB I-10:416+00	0	0	0	$0.00
EB I-10:416+00	EB I-10:418+00	201	14	2,814	$84,420.00
EB I-10:418+00	EB I-10:420+00	201	14	2,814	$84,420.00
EB I-10:420+00	EB I-10:422+00	201	14	2,814	$84,420.00
EB I-10:422+00	EB I-10:424+00	200	14	2,800	$84,000.00
EB I-10:424+00	EB I-10:426+00	200	14	2,800	$84,000.00
EB I-10:426+00	EB I-10:428+00	200	14	2,800	$84,000.00
EB I-10:428+00	EB I-10:430+00	200	14	2,800	$84,000.00
EB I-10:430+00	EB I-10:432+00	200	14	2,800	$84,000.00
EB I-10:432+00	EB I-10:198+00	101	14	1,414	$42,420.00
EB I-10:198+00	EB I-10:199+00	101	14	1,414	$42,420.00
EB I-10:199+00	EB I-10:201+00	199	14	2,786	$83,580.00
EB I-10:201+00	EB I-10:203+00	200	14	2,800	$84,000.00
EB I-10:203+00	EB I-10:204+00	100	14	1,400	$42,000.00
EB I-10:204+00	EB I-10:205+00	100	14	1,400	$42,000.00
EB I-10:205+00	EB I-10:206+00	100	14	1,400	$42,000.00
EB I-10:206+00	EB I-10:207+00	100	14	1,400	$42,000.00
EB I-10:207+00	EB I-10:208+00	100	14	1,400	$42,000.00
EB I-10:208+00	EB I-10:209+00	100	14	1,400	$42,000.00
EB I-10:209+00	EB I-10:210+00	100	14	1,400	$42,000.00
EB I-10:210+00	EB I-10:211+00	100	14	1,400	$42,000.00
EB I-10:211+00	EB I-10:212+00	101	14	1,414	$42,420.00
EB I-10:212+00	EB I-10:213+00	58	14	812	$24,360.00
EB I-10:213+00	Braddock:402+00	204	14	2,856	$85,680.00
Braddock:402+00	Braddock:404+00	208	14	2,912	$87,360.00
Braddock:404+00	Braddock:405+00	102	14	1,428	$42,840.00
Braddock:405+00	Braddock:406+00	102	14	1,428	$42,840.00
Braddock:406+00	Braddock:407+00	103	14	1,442	$43,260.00
Braddock:407+00	Braddock:408+00	100	14	1,400	$42,000.00
Braddock:408+00	Braddock:409+00	100	14	1,400	$42,000.00
Braddock:409+00	Braddock:411+00	193	14	2,702	$81,060.00
Braddock:411+00	Braddock:413+00	204	14	2,856	$85,680.00
Braddock:413+00	Braddock:416+00	302	14	4,228	$126,840.00
Braddock:416+00	end	200	14	2,800	$84,000.00
EB I-10:229+00	EB I-10:231+00	202	14	2,828	$84,840.00
EB I-10:231+00	EB I-10:232+00	102	14	1,428	$42,840.00
EB I-10:232+00	EB I-10:233+00	102	12	1,224	$36,720.00
EB I-10:233+00	EB I-10:235+00	202	8	1,616	$48,480.00



EB2 (1 of 1)

New Barrier Feasible and Reasonable

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB2
Background Sound Level:	45

Barrier Area	50,446
Total Length	3,680
Average Height	14
Unit Cost ($/ft.)	32
Total Cost	1,614,272

Cost per benefited receptor	17,057
Reasonable (CPBR)?	Yes

Total Impacted Receptors	82
Total Benefited Receptors	146
# of Impacted Receptors Receiving at Least 8 dB	13
Reasonable (NRDG)?	Yes

# of 1st row impacted receptors	31
# of 1st row impacted & benefited	26
Feasible?	Yes (83.9%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
1824 Kentucky St	1	B	Yes	86	70.6	72.9	67.4	71.4	3.2	1.6	Yes	No	0	No	0
1820 Kentucky St	1	B	Yes	104	69.1	71.5	65.0	69.6	4.1	1.9	Yes	No	0	No	0
1840 Kentucky St	1	B	Yes	152	68.0	70.0	62.4	67.3	5.6	2.7	Yes	No	0	No	0
1844 Kentucky St	1	B	Yes	163	68.3	70.2	62.3	67.3	6.0	2.9	Yes	No	0	No	0
1851 Kentucky St	1	B	Yes		73.5	73.5	70.2	70.2	3.3	3.3	Yes	No	0	No	0
1859 Kentucky St	1	B	Yes		70.5	70.5	65.2	65.2	5.3	5.3	Yes	Yes	1	No	0
1867 Kentucky St	1	B	Yes		70.9	70.9	65.2	65.2	5.7	5.7	Yes	Yes	1	No	0
1879 Kentucky St	1	B	Yes		70.6	70.6	64.8	64.8	5.8	5.8	Yes	Yes	1	No	0
1920 Maryland St	1	B	Yes		73.9	73.9	68.7	68.7	5.2	5.2	Yes	Yes	1	No	0
1926 Maryland St	1	B	Yes		72.8	72.8	66.9	66.9	5.9	5.9	Yes	Yes	1	No	0
1934 Maryland St	1	B	Yes		72.5	72.5	65.6	65.6	6.9	6.9	Yes	Yes	1	No	0
1940 Maryland St	1	B	Yes		72.1	72.1	64.5	64.5	7.6	7.6	Yes	Yes	1	Yes	1
1952 Maryland St	1	B	Yes		71.3	71.3	63.7	63.8	7.6	7.6	Yes	Yes	1	Yes	1
1159 E Harrison St	1	B	Yes		75.6	75.6	70.1	70.1	5.5	5.5	Yes	Yes	1	No	0
2002 Virginia St	1	B	Yes		73.3	73.3	68.2	68.2	5.1	5.1	Yes	Yes	1	No	0
2019 Virginia St	1	B	Yes		69.4	69.4	64.6	64.6	4.8	4.8	Yes	Yes	1	No	0
2041 Virginia St	1	B	Yes		70.9	70.9	64.6	64.6	6.3	6.3	Yes	Yes	1	No	0
2053 Virginia St	1	B	Yes		69.7	69.7	63.2	63.3	6.5	6.4	Yes	Yes	1	No	0
2042 Missouri St	1	B	Yes		66.1	66.1	61.5	61.6	4.6	4.5	Yes	Yes	1	No	0
2060 Missouri St	1	B	Yes		66.9	66.9	60.7	60.8	6.2	6.1	Yes	Yes	1	No	0
2065 Missouri St	1	B	Yes		67.1	67.1	61.4	61.5	5.7	5.6	Yes	Yes	1	No	0
2109 Missouri St	1	B	Yes		67.3	67.3	61.0	61.1	6.3	6.2	Yes	Yes	1	No	0
2122 Carolina St	1	B	Yes		73.5	73.5	64.9	64.9	8.6	8.6	Yes	Yes	1	Yes	1
2130 Carolina St	1	B	Yes		70.9	70.9	62.5	62.6	8.4	8.3	Yes	Yes	1	Yes	1
2160 Carolina St	1	B	Yes		68.1	68.1	61.1	61.2	7.0	6.9	Yes	Yes	1	No	0
2175 Carolina St	1	B	Yes		74.4	74.4	65.0	65.0	9.4	9.4	Yes	Yes	1	Yes	1
East Polk St Park (Ball)	1	C	Yes		73.9	73.9	63.9	64.0	10.0	10.0	Yes	Yes	1	Yes	1
East Polk St Park (Playground)	1	C	Yes		70.5	70.5	61.7	61.8	8.8	8.7	Yes	Yes	1	Yes	1
East Pol St Park (Baseball)	1	C	Yes		71.0	71.0	61.8	61.9	9.2	9.1	Yes	Yes	1	Yes	1
2360 Dellymole Dr	1	B	Yes		70.6	70.6	62.6	62.7	8.0	7.9	Yes	Yes	1	Yes	1
2424 Dellymole Dr	1	B	Yes		67.3	67.3	62.3	62.4	5.0	4.9	Yes	Yes	1	No	0
1813 Georgia St	1	B	No	168	63.6	67.7	58.7	66.4	4.9	1.3	Yes	No	0	No	0
1815 Georgia St	1	B	No	193	63.7	63.8	58.7	58.9	5.0	4.9	No	Yes	1	No	0
1837 Georgia St	1	B	No	240	65.4	65.4	58.7	58.9	6.7	6.6	No	Yes	1	No	0
1839 Georgia St	1	B	No		64.7	64.7	58.2	58.4	6.5	6.3	No	Yes	1	No	0
1841 Georgia St	1	B	No		64.8	64.8	59.2	59.4	5.6	5.5	No	Yes	1	No	0
1849 Georgia St	1	B	No		65.0	65.0	59.5	59.7	5.5	5.4	No	Yes	1	No	0
Calvary Third Bapt Ch (no ext use)	1	D	No		40.5	46.3	34.6	45.4	5.9	0.9	No	No	0	No	0
1937 Georgia St	1	B	No		64.9	64.9	58.4	58.6	6.5	6.4	No	Yes	1	No	0
1949 Georgia St	1	B	No		64.5	64.5	57.9	58.1	6.6	6.4	No	Yes	1	No	0
1955 Georgia St	1	B	No		64.3	64.4	57.8	58.0	6.5	6.3	No	Yes	1	No	0
1963 Georgia St	1	B	No		64.2	64.3	58.4	58.6	5.8	5.7	No	Yes	1	No	0
1967 Georgia St	1	B	No		63.9	64.0	58.4	58.6	5.5	5.4	No	Yes	1	No	0
1838 Georgia St	1	B	No		64.9	64.9	59.1	59.3	5.8	5.7	No	Yes	1	No	0
1850 Georgia St	1	B	No		65.1	65.1	58.5	58.7	6.6	6.5	No	Yes	1	No	0
1870 Georgia St	1	B	No		64.0	64.1	57.6	57.8	6.4	6.2	No	Yes	1	No	0
1904 Georgia St	1	B	No		63.7	63.8	57.1	57.4	6.6	6.4	No	Yes	1	No	0
1942 Georgia St	1	B	No		63.1	63.2	56.5	56.8	6.6	6.4	No	Yes	1	No	0
1950 Georgia St	1	B	No		62.8	62.9	56.2	56.5	6.6	6.4	No	Yes	1	No	0
1956 Georgia St	1	B	No		62.3	62.4	56.7	57.0	5.6	5.4	No	Yes	1	No	0
1923 Kentucky St	1	B	No		69.0	69.0	61.9	62.0	7.1	7.0	Yes	Yes	1	No	0
1939 Kentucky St	1	B	No		68.0	68.0	61.6	61.7	6.4	6.3	Yes	Yes	1	No	0
1943 Kentucky St	1	B	No		68.5	68.5	61.4	61.5	7.1	7.0	Yes	Yes	1	No	0
1955 Kentucky St	1	B	No		68.7	68.7	61.0	61.1	7.7	7.6	Yes	Yes	1	Yes	1
1965 Kentucky St	1	B	No		68.4	68.4	60.5	60.6	7.9	7.8	Yes	Yes	1	Yes	1
1973 Kentucky St	1	B	No		67.8	67.8	60.1	60.2	7.7	7.6	Yes	Yes	1	Yes	1
1920 Kentucky St	1	B	No		67.2	67.2	60.8	60.9	6.4	6.3	Yes	Yes	1	No	0
1934 Kentucky St	1	B	No		66.8	66.8	60.5	60.6	6.3	6.2	Yes	Yes	1	No	0
1948 Kentucky St	1	B	No		65.7	65.7	59.2	59.4	6.5	6.4	Yes	Yes	1	No	0
947 E Harrison St	1	B	No		64.6	64.6	58.8	59.0	5.8	5.7	No	Yes	1	No	0
2010 Kentucky St	1	B	No		64.1	64.2	58.4	58.6	5.7	5.6	No	Yes	1	No	0
2018 Kentucky St	1	B	No		63.5	63.6	57.7	57.9	5.8	5.6	No	Yes	1	No	0
2026 Kentucky St	1	B	No		62.9	63.0	56.9	57.2	6.0	5.8	No	Yes	1	No	0
2028 Kentucky St	1	B	No		62.5	62.6	56.4	56.7	6.1	5.9	No	Yes	1	No	0
2009 Kentucky St	1	B	No		65.5	65.5	59.7	59.8	5.8	5.7	Yes	Yes	1	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB2
Background Sound Level:	45

Barrier Area	50,446
Total Length	3,680
Average Height	14
Unit Cost ($/ft.)	32
Total Cost	1,614,272

Cost per benefited receptor	17,057
Reasonable (CPBR)?	Yes

Total Impacted Receptors	82
Total Benefited Receptors	146
# of Impacted Receptors Receiving at Least 8 dB	13
Reasonable (NRDG)?	Yes

# of 1st row impacted receptors	31
# of 1st row impacted & benefited	26
Feasible?	Yes (83.9%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
2033 Kentucky St	1	B	No		64.2	64.3	57.8	58.0	6.4	6.2	No	Yes	1	No	0
2039 Kentucky St	1	B	No		63.8	63.9	57.3	57.5	6.5	6.3	No	Yes	1	No	0
2055 Kentucky St	1	B	No		63.3	63.4	56.7	57.0	6.6	6.4	No	Yes	1	No	0
2002 Maryland St	1	B	No		68.4	68.4	62.7	62.8	5.7	5.6	Yes	Yes	1	No	0
2010 Maryland St	1	B	No		67.5	67.5	61.3	61.4	6.2	6.1	Yes	Yes	1	No	0
2016 Maryland St	1	B	No		67.0	67.0	60.7	60.8	6.3	6.2	Yes	Yes	1	No	0
2028 Maryland St	1	B	No		66.4	66.4	60.1	60.2	6.3	6.2	Yes	Yes	1	No	0
2034 Maryland St	1	B	No		66.0	66.0	59.7	59.8	6.3	6.2	Yes	Yes	1	No	0
2042 Maryland St	1	B	No		65.6	65.6	59.2	59.4	6.4	6.3	Yes	Yes	1	No	0
2044 Maryland St	1	B	No		65.5	65.5	59.1	59.3	6.4	6.3	Yes	Yes	1	No	0
2054 Maryland St	1	B	No		65.0	65.0	58.5	58.7	6.5	6.4	No	Yes	1	No	0
2060 Maryland St	1	B	No		64.5	64.5	58.0	58.2	6.5	6.3	No	Yes	1	No	0
2112 Maryland St	1	B	No		64.2	64.3	57.6	57.8	6.6	6.4	No	Yes	1	No	0
1104 E Harrison St	1	B	No		70.0	70.0	64.4	64.4	5.6	5.6	Yes	Yes	1	No	0
1108 E Harrison St	1	B	No		71.0	71.0	65.9	65.9	5.1	5.1	Yes	Yes	1	No	0
2015 Maryland St	1	B	No		70.0	70.0	64.2	64.3	5.8	5.8	Yes	Yes	1	No	0
2025 Maryland St	1	B	No		69.4	69.4	63.5	63.6	5.9	5.9	Yes	Yes	1	No	0
2033 Maryland St	1	B	No		68.8	68.8	62.7	62.8	6.1	6.0	Yes	Yes	1	No	0
2039 Maryland St	1	B	No		68.6	68.6	62.4	62.5	6.2	6.1	Yes	Yes	1	No	0
2045 Maryland St	1	B	No		68.3	68.3	62.2	62.3	6.1	6.0	Yes	Yes	1	No	0
2103 Maryland St	1	B	No		67.4	67.4	60.9	61.0	6.5	6.4	Yes	Yes	1	No	0
2121 Maryland St	1	B	No		66.9	66.9	60.4	60.5	6.5	6.4	Yes	Yes	1	No	0
2135 Maryland St	1	B	No		66.6	66.6	60.1	60.2	6.5	6.4	Yes	Yes	1	No	0
2147 Maryland St	1	B	No		66.3	66.3	59.6	59.7	6.7	6.6	Yes	Yes	1	No	0
2036 Virginia St	1	B	No		72.2	72.2	66.1	66.1	6.1	6.1	Yes	Yes	1	No	0
2056 Virginia St	1	B	No		70.8	70.8	64.1	64.2	6.7	6.7	Yes	Yes	1	No	0
2072 Virginia St	1	B	No		70.3	70.3	63.4	63.5	6.9	6.9	Yes	Yes	1	No	0
2076 Virginia St	1	B	No		68.4	68.4	61.2	61.3	7.2	7.1	Yes	Yes	1	No	0
2110 Virginia St	1	B	No		67.7	67.7	60.6	60.7	7.1	7.0	Yes	Yes	1	No	0
2120 Virginia St	1	B	No		67.7	67.7	60.7	60.8	7.0	6.9	Yes	Yes	1	No	0
2140 Virginia St	1	B	No		67.0	67.0	59.9	60.0	7.1	7.0	Yes	Yes	1	No	0
2164 Virginia St	1	B	No		66.4	66.4	59.3	59.5	7.1	7.0	Yes	Yes	1	No	0
2174 Virginia St	1	B	No		66.2	66.2	59.1	59.3	7.1	7.0	Yes	Yes	1	No	0
2079 Virginia St	1	B	No		68.2	68.2	61.5	61.6	6.7	6.6	Yes	Yes	1	No	0
2085 Virginia St	1	B	No		66.7	66.7	60.1	60.2	6.6	6.5	Yes	Yes	1	No	0
2111 Virginia St	1	B	No		66.1	66.1	60.2	60.3	5.9	5.8	Yes	Yes	1	No	0
2115 Virginia St	1	B	No		65.4	65.4	59.1	59.3	6.3	6.2	No	Yes	1	No	0
2129 Virginia St	1	B	No		64.7	64.7	58.8	59.0	5.9	5.8	No	Yes	1	No	0
2149 Virginia St	1	B	No		63.6	63.7	57.5	57.7	6.1	5.9	No	Yes	1	No	0
2136 Missouri St	1	B	No		66.1	66.1	59.4	59.6	6.7	6.6	Yes	Yes	1	No	0
2148 Missouri St	1	B	No		65.1	65.1	58.6	58.8	6.5	6.4	No	Yes	1	No	0
2178 Missouri St	1	B	No		63.6	63.7	57.2	57.5	6.4	6.2	No	Yes	1	No	0
2186 Missouri St	1	B	No		62.9	63.0	56.6	56.9	6.3	6.1	No	Yes	1	No	0
1157 E Polk St	1	B	No		62.1	62.2	56.0	56.3	6.1	5.9	No	Yes	1	No	0
1158 E Polk St	1	B	No		60.6	60.7	55.5	55.9	5.1	4.8	No	Yes	1	No	0
1156 E Polk St	1	B	No		60.3	60.4	55.2	55.6	5.1	4.8	No	Yes	1	No	0
2135 Missouri St	1	B	No		66.1	66.1	59.8	59.9	6.3	6.2	Yes	Yes	1	No	0
2161 Missouri St	1	B	No		64.9	64.9	59.0	59.2	5.9	5.8	No	Yes	1	No	0
2173 Missouri St	1	B	No		64.7	64.7	59.1	59.3	5.6	5.5	No	Yes	1	No	0
1209 E Polk St	1	B	No		63.0	63.1	56.9	57.2	6.1	5.9	No	Yes	1	No	0
1211 E Polk St	1	B	No		63.6	63.7	57.5	57.7	6.1	5.9	No	Yes	1	No	0
1221 E Polk St	1	B	No		63.7	63.8	58.1	58.3	5.6	5.5	No	Yes	1	No	0
1206 E Polk St	1	B	No		60.6	60.7	55.7	56.1	4.9	4.7	No	Yes	1	No	0
1210 E Polk St	1	B	No		60.5	60.6	55.1	55.5	5.4	5.1	No	Yes	1	No	0
1212 E Polk St	1	B	No		60.3	60.4	55.2	55.6	5.1	4.8	No	Yes	1	No	0
2201 Missouri St	1	B	No		59.9	60.0	53.6	54.2	6.3	5.9	No	Yes	1	No	0
2221 Missouri St	1	B	No		59.9	60.0	53.5	54.1	6.4	6.0	No	Yes	1	No	0
1229 E Polk St	1	B	No		66.7	66.7	60.1	60.2	6.6	6.5	Yes	Yes	1	No	0
1236 E Polk St	1	B	No		64.2	64.3	58.2	58.4	6.0	5.8	No	Yes	1	No	0
2236 Carolina St	1	B	No		61.9	62.0	55.4	55.8	6.5	6.2	No	Yes	1	No	0
2266 Carolina St	1	B	No		60.1	60.2	54.0	54.5	6.1	5.7	No	Yes	1	No	0
2270 Carolina St	1	B	No		59.1	59.3	53.4	54.0	5.7	5.3	No	Yes	1	No	0
2282 Carolina St	1	B	No		57.7	57.9	52.8	53.5	4.9	4.5	No	Yes	1	No	0
2245 Carolina St	1	B	No		65.8	65.8	59.8	59.9	6.0	5.9	Yes	Yes	1	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB2
Background Sound Level:	45

Barrier Area	50,446
Total Length	3,680
Average Height	14
Unit Cost ($/ft.)	32
Total Cost	1,614,272

Cost per benefited receptor	17,057
Reasonable (CPBR)?	Yes

Total Impacted Receptors	82
Total Benefited Receptors	146
# of Impacted Receptors Receiving at Least 8 dB	13
Reasonable (NRDG)?	Yes

# of 1st row impacted receptors	31
# of 1st row impacted & benefited	26
Feasible?	Yes (83.9%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
2249 Carolina St	1	B	No		65.0	65.0	58.8	59.0	6.2	6.1	No	Yes	1	No	0
2265 Carolina St	1	B	No		63.8	63.9	58.0	58.2	5.8	5.6	No	Yes	1	No	0
2269 Carolina St	1	B	No		62.8	62.9	57.4	57.6	5.4	5.2	No	Yes	1	No	0
2273 Carolina St	1	B	No		61.5	61.6	56.2	56.5	5.3	5.1	No	Yes	1	No	0
2289 Carolina St	1	B	No		60.0	60.1	54.7	55.1	5.3	5.0	No	Yes	1	No	0
1705 March St	1	B	No		66.6	66.6	59.9	60.0	6.7	6.6	Yes	Yes	1	No	0
1735 March St	1	B	No		67.3	67.3	60.2	60.3	7.1	7.0	Yes	Yes	1	No	0
1775 March St	1	B	No		68.4	68.4	60.6	60.7	7.8	7.7	Yes	Yes	1	Yes	1
2408 July St	1	B	No		64.3	64.4	58.6	58.8	5.7	5.6	No	Yes	1	No	C
2412 July St	1	B	No		61.5	61.6	56.6	56.9	4.9	4.7	No	Yes	1	No	C
2430 July St	1	B	No		62.3	62.4	58.8	59.0	3.5	3.4	No	No	0	No	0
2407 July St	1	B	No		65.2	65.2	62.2	62.3	3.0	3.0	No	No	0	No	0
2425 July St	1	B	No		61.3	61.4	55.4	55.8	5.9	5.6	No	Yes	1	No	C
2437 July St	1	B	No		60.4	60.5	54.4	54.9	6.0	5.7	No	Yes	1	No	C
2406 June St	1	B	No		65.6	65.6	61.4	61.5	4.2	4.1	Yes	No	0	No	0
2416 June St	1	B	No		63.2	63.3	57.2	57.5	6.0	5.8	No	Yes	1	No	C
2434 June St	1	B	No		61.1	61.2	55.0	55.4	6.1	5.8	No	Yes	1	No	C
2446 June St	1	B	No		59.9	60.0	53.7	54.2	6.2	5.8	No	Yes	1	No	C
2405 June St	1	B	No		66.4	66.4	62.4	62.5	4.0	4.0	Yes	No	0	No	0
2425 June St	1	B	No		62.6	62.7	57.0	57.3	5.6	5.4	No	Yes	1	No	C
2435 June St	1	B	No		62.6	62.7	56.7	57.0	5.9	5.7	No	Yes	1	No	C
2519 June St	1	B	No		61.3	61.4	55.4	55.8	5.9	5.6	No	Yes	1	No	C
2507 Dalrymple Dr	1	B	No		65.8	65.8	60.7	60.8	5.1	5.0	Yes	Yes	1	No	C
2436 Dalrymple Dr	1	B	No		64.8	64.8	59.9	60.0	4.9	4.8	No	Yes	1	No	C
2578 Dalrymple Dr	1	B	No		63.3	63.4	59.1	59.3	4.2	4.1	No	No	0	No	0
1055 E Polk St	1	B	No		65.2	65.2	58.1	58.3	7.1	6.9	No	Yes	1	No	C
1015-1017 E Polk	2	B	No		64.6	64.6	57.2	57.5	7.4	7.2	No	Yes	2	No	C
1005 E Polk	1	B	No		63.4	63.5	56.5	56.8	6.9	6.7	No	Yes	1	No	C

Project:	**LaDOTD, I-10 (LA 415 to Essen Lane on I-10**
Noise Analysis Area:	**EB2**

Barrier Area	50,446
Total Length	3680
Average Height	13.7
Unit Cost ($/ft^2)	32.0
Total Cost	$1,614,272.00
Number of Benefited Residences	146
Cost per benefited receptor	**$11,056.66**
Reasonable (CPBR)?	Yes

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
EB I-10:233+00	EB I-10:235+00	202	10	2,020	$64,640.00
EB I-10:235+00	EB I-10:237+00	202	14	2,828	$90,496.00
EB I-10:237+00	EB I-10:238+00	102	14	1,428	$45,696.00
EB I-10:238+00	end	202	14	2,828	$90,496.00
EB I-10:240+00	EB I-10:242+00	203	14	2,842	$90,944.00
EB I-10:242+00	EB I-10:244+00	203	14	2,842	$90,944.00
EB I-10:244+00	delete segment? (246+00)	202	14	2,828	$90,496.00
Ramp:509+77	Ramp:511+00	133	12	1,596	$51,072.00
Ramp:511+00	Ramp:250+00	202	14	2,828	$90,496.00
Ramp:250+00	Ramp:252+00	203	14	2,842	$90,944.00
Ramp:252+00	Ramp:254+00	203	14	2,842	$90,944.00
Ramp:254+00	Ramp:256+00	203	14	2,842	$90,944.00
Ramp:256+00	Ramp:258+00	204	14	2,856	$91,392.00
Ramp:258+00	Ramp:260+00	203	14	2,842	$90,944.00
Ramp:260+00	end	101	14	1,414	$45,248.00
Ramp:261+00	EB I-10:262+00	101	14	1,414	$45,248.00
EB I-10:262+00	EB I-10:264+00	202	14	2,828	$90,496.00
EB I-10:264+00	EB I-10:266+00	203	14	2,842	$90,944.00
EB I-10:266+00	EB I-10:268+00	203	14	2,842	$90,944.00
EB I-10:268+00	end	203	14	2,842	$90,944.00



EB3a (1 of 1)

New Barrier Feasible and Reasonable

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB3a
Background Sound Level:	45

Barrier Area	33,857
Total Length	2,418
Average Height	14
Unit Cost ($/ft.)	35
Total Cost	1,184,870

Cost per benefited receptor	27,554
Reasonable (CPBR)?	Yes

Total Impacted Receptors	29
Total Benefited Receptors	43
# of Impacted Receptors Receiving at Least 8 dB	20
Reasonable (NRDG)?	Yes

# of 1st row impacted receptors	20
# of 1st row impacted & benefited	20
Feasible?	Yes (100%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
2012 Estates Rd	1	B	Yes		72.0	72.0	66.6	66.6	5.4	5.4	Yes	Yes	1	No	0
2365 E Lakeshore Dr	1	B	Yes		68.4	68.4	61.8	61.9	6.6	6.5	Yes	Yes	1	No	0
2365 E Lakeshore Dr	1	B	Yes		68.4	68.4	61.6	61.7	6.8	6.7	Yes	Yes	1	No	0
2375 E Lakeshore Dr	1	B	Yes		68.4	68.4	61.8	61.9	6.6	6.5	Yes	Yes	1	No	0
2052 Estates Rd	1	B	Yes		69.4	69.4	61.8	61.9	7.6	7.5	Yes	Yes	1	Yes	1
2124 Estates Rd	1	B	Yes		75.9	75.9	63.4	63.5	12.5	12.4	Yes	Yes	1	Yes	1
2144 Estates Rd	1	B	Yes		74.4	74.4	62.8	62.9	11.6	11.5	Yes	Yes	1	Yes	1
2216 Estates Rd	1	B	Yes		76.1	76.1	63.3	63.4	12.8	12.7	Yes	Yes	1	Yes	1
2226 Estate Rd	1	B	Yes		75.5	75.5	62.9	63.0	12.6	12.5	Yes	Yes	1	Yes	1
2301 Fiem St	1	B	Yes		74.9	74.9	62.4	62.5	12.5	12.4	Yes	Yes	1	Yes	1
2303 Fiem St	1	B	Yes		76.0	76.0	63.1	63.2	12.9	12.8	Yes	Yes	1	Yes	1
2305 Fiem St	1	B	Yes		76.4	76.4	63.1	63.2	13.3	13.2	Yes	Yes	1	Yes	1
2307 Fiem St	1	B	Yes		76.9	76.9	63.2	63.3	13.7	13.6	Yes	Yes	1	Yes	1
2309 Fiem St	1	B	Yes		76.9	76.9	63.0	63.1	13.9	13.8	Yes	Yes	1	Yes	1
2311 Fiem St	1	B	Yes		76.5	76.5	62.5	62.6	14.0	13.9	Yes	Yes	1	Yes	1
2425 Fiem St	1	B	Yes		78.8	78.8	63.6	63.7	15.2	15.1	Yes	Yes	1	Yes	1
2437 Fiem St	1	B	Yes		79.1	79.1	63.7	63.8	15.4	15.3	Yes	Yes	1	Yes	1
2449 Fiem St	1	B	Yes		76.8	76.8	63.1	63.2	13.7	13.6	Yes	Yes	1	Yes	1
2241 Elissalde St	1	B	Yes		73.7	73.7	63.1	63.2	10.6	10.5	Yes	Yes	1	Yes	1
2808 Fiem St	1	B	Yes		72.7	72.7	62.9	63.0	9.8	9.7	Yes	Yes	1	Yes	1
2443 E Lakeshore Dr	1	B	No		62.4	62.5	58.8	59.0	3.6	3.5	No	No	0	No	0
2131 Fiem St	1	B	No		64.2	64.3	57.2	57.5	7.0	6.8	No	Yes	1	No	0
2529 E Lakeshore Dr	1	B	No		62.7	62.8	57.9	58.1	4.8	4.7	No	Yes	1	No	0
2549 E Lakeshore Dr	1	B	No		62.4	62.5	57.6	57.8	4.8	4.6	No	Yes	1	No	0
2559 E Lakeshore Dr	1	B	No		62.1	62.2	57.0	57.3	5.1	4.9	No	Yes	1	No	0
2213 Fiem St	1	B	No		66.0	66.0	58.7	58.9	7.3	7.2	Yes	Yes	1	No	0
2223 Fiem St	1	B	No		65.7	65.7	58.6	58.8	7.1	7.0	Yes	Yes	1	No	0
2233 Fiem St	1	B	No		65.8	65.8	58.6	58.8	7.2	7.1	Yes	Yes	1	No	0
2246 Fiem St	1	B	No		67.5	67.5	58.1	58.3	9.4	9.2	Yes	Yes	1	Yes	1
2236 Fiem St	1	B	No		71.4	71.4	59.8	59.9	11.6	11.5	Yes	Yes	1	Yes	1
2569 E Lakeshore Dr	1	B	No		62.8	62.9	56.7	57.0	6.1	5.9	No	Yes	1	No	0
2579 E Lakeshore Dr	1	B	No		63.9	64.0	56.9	57.2	7.0	6.8	No	Yes	1	No	0
2589 E Lakeshore Dr	1	B	No		60.9	61.0	56.3	56.6	4.6	4.4	No	No	0	No	0
2593 E Lakeshore Dr	1	B	No		61.9	62.0	56.7	57.0	5.2	5.0	No	Yes	1	No	0
2595 E Lakeshore Dr	1	B	No		67.7	67.7	59.1	59.3	8.6	8.5	Yes	Yes	1	Yes	1
2597 E Lakeshore Dr	1	B	No		67.4	67.4	59.2	59.4	8.2	8.1	Yes	Yes	1	Yes	1
2599 E Lakeshore Dr	1	B	No		63.3	63.4	57.2	57.5	6.1	5.9	No	Yes	1	No	0
2601 E Lakeshore Dr	1	B	No		62.4	62.5	56.3	56.6	6.1	5.9	No	Yes	1	No	0
2220 Elissalde St	1	B	No		66.4	66.4	59.2	59.4	7.2	7.1	Yes	Yes	1	No	0
2208 Elissalde St	1	B	No		65.1	65.1	58.2	58.4	6.9	6.7	No	Yes	1	No	0
2192 Elissalde St	1	B	No		64.2	64.3	59.1	59.3	5.1	5.0	No	Yes	1	No	0
2233 Christian St	1	B	No		67.1	67.1	60.3	60.4	6.8	6.7	Yes	Yes	1	No	0
2217 Christian St	1	B	No		64.7	64.7	58.3	58.5	6.4	6.2	No	Yes	1	No	0
2207 Christian St	1	B	No		63.8	63.9	57.2	57.5	6.6	6.4	No	Yes	1	No	0
2195 Christian St	1	B	No		60.8	60.9	55.4	55.8	5.4	5.1	No	Yes	1	No	0

Project:	**LaDOTD, I-10 (LA 415 to Essen Lane on I-10**
Noise Analysis Area:	**EB3a**

Barrier Area	33,852
Total Length	2418
Average Height	14.0
Unit Cost ($/ft^2)	35.0
Total Cost	$1,184,820.00
Number of Benefited Residences	43
Cost per benefited receptor	**$27,553.95**
Reasonable (CPBR)?	Yes

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
EB I-10:270+00	EB I-10:272+00	203	14	2,842	$99,470.00
EB I-10:272+00	EB I-10:274+00	203	14	2,842	$99,470.00
EB I-10:274+00	EB I-10:276+00	203	14	2,842	$99,470.00
EB I-10:276+00	EB I-10:278+00	203	14	2,842	$99,470.00
EB I-10:278+00	EB I-10:280+00	203	14	2,842	$99,470.00
EB I-10:280+00	EB I-10:282+00	202	14	2,828	$98,980.00
EB I-10:282+00	EB I-10:283+00	101	14	1,414	$49,490.00
EB I-10:283+00	EB I-10:285+00	200	14	2,800	$98,000.00
EB I-10:285+00	EB I-10:287+00	200	14	2,800	$98,000.00
EB I-10:287+00	end	300	14	4,200	$147,000.00
EB I-10:290+00	EB I-10:292+00	200	14	2,800	$98,000.00
EB I-10:292+00	EB I-10:294+00	200	14	2,800	$98,000.00



EB3b (1 of 1)

Barrier Not Feasible

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	EB3b
Background Sound Level:	45

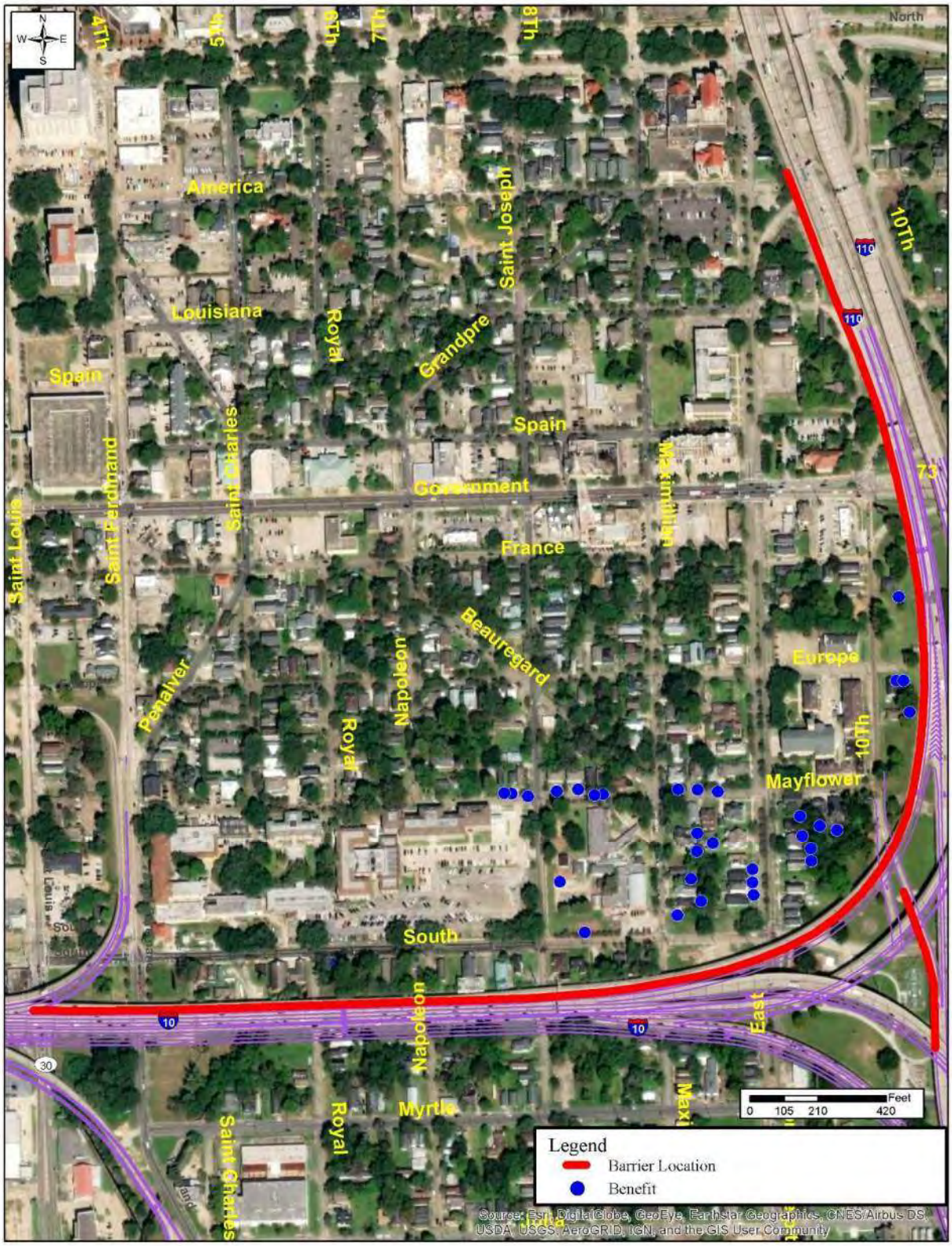
Barrier Area	35,014
Total Length	2,501
Average Height	14
Unit Cost ($/ft.)	34
Total Cost	1,190,476

# of 1st row impacted receptors	16
# of 1st row impacted & benefited	2
Feasible?	No (12.5%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
2293 Hollydale 4AB (Twnhses)	2	B	Yes	10	61.2	77.5	58.6	77.5	2.6	0.0	Yes	No	0	No	0
2293 Hollydale 4C (Twnhse)	1	B	Yes	10	61.2	77.5	58.7	77.5	2.5	0.0	Yes	No	0	No	0
2293 Hollydale Bldg 4DE (Twnhses)	2	B	Yes	10	61.2	77.5	59.0	77.5	2.2	0.0	Yes	No	0	No	0
2293 Hollydale Bldg 5AB (Twnhses)	2	B	Yes	23	61.1	77.5	58.5	77.5	2.6	0.0	Yes	No	0	No	0
3043 Perkins Rd (Apt 2nd floor balcony	1	B	Yes		66.8	66.8	60.5	60.6	6.3	6.2	Yes	Yes	1	No	0
3043 Perkins Rd (Apt 3rd floor balcony	1	B	Yes		69.9	69.9	61.9	62.0	8.0	7.9	Yes	Yes	1	Yes	1
2355 Ferndale Ave (Schlitz and Giggle	1	E	Yes	40	59.2	73.5	56.9	73.4	2.3	0.1	Yes	No	0	No	0
2367 Ferndale Ave	1	B	Yes	65	61.7	71.4	58.2	71.1	3.5	0.3	Yes	No	0	No	0
2377 Ferndale Ave	1	B	Yes	95	59.4	73.5	57.3	73.4	2.1	0.1	Yes	No	0	No	0
3156 Greenwood Dr	1	B	Yes	90	65.1	70.6	58.3	69.5	6.8	1.1	Yes	No	0	No	0
3162 Greenwood Dr	1	B	Yes	107	64.5	69.4	58.1	68.2	6.4	1.2	Yes	No	0	No	0
3172 Greenwood Dr	1	B	Yes	92	64.3	70.4	57.8	69.4	6.5	0.9	Yes	No	0	No	0
2375 Cedardale Ave	1	B	Yes	130	64.3	68.6	58.6	67.2	5.7	1.4	Yes	No	0	No	0
Saltgrass Steakhouse (patio)	1	E	Yes	168	67.1	69.4	67.1	69.4	0.0	0.0	No	No	0	No	0
2293 Hollydale 3AB (Twnhses)	2	B	No	84	67.0	71.2	60.0	69.6	7.0	1.6	Yes	No	0	No	0
2293 Hollydale 3C (Twnhse)	1	B	No	95	66.6	71.0	59.1	69.5	7.5	1.5	Yes	No	0	No	0
2293 Hollydale Bldg 3 DE (Twnhses)	2	B	No	107	65.7	69.8	58.2	68.2	7.5	1.7	Yes	No	0	No	0
2210 Christian 123 (Twnhses)	3	B	No	161	62.6	67.4	55.0	66.0	7.6	1.4	Yes	No	0	No	0
2210 Christian 456 (Twnhses)	3	B	No	188	60.0	60.1	53.7	54.2	6.3	5.9	No	Yes	3	No	0
2293 Hollydale 2AB (Twnhse)	2	B	No	112	63.3	69.1	55.6	68.0	7.7	1.1	Yes	No	0	No	0
2293 Hollydale 2CDEF (Twnhse)	4	B	No	142	61.3	67.7	53.2	66.7	8.1	0.9	Yes	No	0	No	0
2293 Hollydale 5C (Twnhse)	1	B	No	47	61.7	73.6	57.6	73.4	4.1	0.2	Yes	No	0	No	0
2293 Hollydale 5DE (Twnhse)	2	B	No	68	63.9	71.7	57.6	71.1	6.3	0.6	Yes	No	0	No	0
2293 Hollydale 6AB (Twnhse)	2	B	No	101	65.2	69.7	58.0	68.2	7.2	1.5	Yes	No	0	No	0
2293 Hollydale 6CDEF (Twnhse)	4	B	No	124	64.1	69.3	57.0	68.1	7.1	1.2	Yes	No	0	No	0
2210 Christian 37-39 (Twnhses)	3	B	No		63.7	63.8	56.3	56.6	7.4	7.1	No	Yes	3	No	0
2210 Christian 34-36 (Twnhses)	3	B	No		61.1	61.2	55.2	55.6	5.9	5.6	No	Yes	3	No	0
2210 Christian 7-9 (Twnhses)	3	B	No		60.5	60.6	52.7	53.4	7.8	7.2	No	Yes	3	No	0
2210 Christian 10-12 (Twnhses)	3	B	No		60.7	60.8	54.3	54.8	6.4	6.0	No	Yes	3	No	0
2210 Christian 13-15 (Twnhses)	3	B	No		59.5	59.7	52.1	52.9	7.4	6.8	No	Yes	3	No	0
2210 Christian 16-18 (Twnhses)	3	B	No		58.1	58.3	52.5	53.2	5.6	5.1	No	Yes	3	No	0
2210 Christian 19-21 (Twnhses)	3	B	No		57.4	57.6	52.6	53.3	4.8	4.3	No	No	0	No	0
2210 Christian 22-24 (Twnhses)	3	B	No		57.7	57.9	52.7	53.4	5.0	4.5	No	Yes	3	No	0
2210 Christian 31-33 (Twnhses)	3	B	No		59.2	59.4	54.6	55.1	4.6	4.3	No	No	0	No	0
2210 Christian 25-27 (Twnhses)	3	B	No		58.7	58.9	53.6	54.2	5.1	4.7	No	Yes	3	No	0
2210 Christian 28-30 (Twnhses)	3	B	No		60.0	60.1	54.6	55.1	5.4	5.1	No	Yes	3	No	0
2293 Hollydale 7ABC (Twnhse)	3	B	No	148	63.8	68.4	58.8	67.2	5.0	1.2	Yes	No	0	No	0
2293 Hollydale 7DE (Twnhse)	2	B	No	123	65.6	69.8	58.3	68.2	7.3	1.6	Yes	No	0	No	0
2293 Hollydale 1ABC (Twnhse)	3	B	No		58.8	59.0	54.4	54.9	4.4	4.1	No	No	0	No	0
2293 Hollydale 1DE (Twnhse)	2	B	No		57.2	57.5	52.9	53.6	4.3	3.9	No	No	0	No	0
2271 Hollydale Ave	1	B	No		60.7	60.8	55.3	55.7	5.4	5.1	No	Yes	1	No	0
2265 Hollydale Ave	1	B	No		60.2	60.3	55.1	55.5	5.1	4.8	No	Yes	1	No	0
2219 Hollydale Ave	1	B	No		61.8	61.9	56.3	56.6	5.5	5.3	No	Yes	1	No	0
2297 Hollydale Ave	1	B	No		63.1	63.2	56.4	56.7	6.7	6.5	No	Yes	1	No	0
2284 Hollydale Ave	1	B	No		59.3	59.5	54.0	54.5	5.3	4.9	No	Yes	1	No	0
2272 Hollydale Ave	1	B	No		59.7	59.8	55.1	55.5	4.6	4.3	No	No	0	No	0
2266 Hollydale Ave	1	B	No		60.4	60.5	56.3	56.6	4.1	3.9	No	No	0	No	0
2248 Hollydale Ave	1	B	No		61.0	61.1	55.8	56.1	5.2	5.0	No	Yes	1	No	0
2283 Ferndale Ave	1	B	No		61.3	61.4	57.4	57.6	3.9	3.8	No	No	0	No	0
2271 Ferndale Ave	1	B	No		60.8	60.9	56.6	56.9	4.2	4.0	No	No	0	No	0
2265 Ferndale Ave	1	B	No		60.9	61.0	55.7	56.1	5.2	5.0	No	Yes	1	No	0
2284 Ferndale Ave	1	B	No		62.7	62.8	58.7	58.9	4.0	3.9	No	No	0	No	0
2268 Ferndale Ave	1	B	No		61.1	61.2	56.6	56.9	4.5	4.3	No	No	0	No	0
3142 Perkins Rd	1	B	No		65.8	65.8	63.8	63.9	2.0	2.0	Yes	No	0	No	0
3152 Perkins Rd	1	B	No		65.9	65.9	64.2	64.3	1.7	1.7	Yes	No	0	No	0
2285 Cedardale Ave	1	B	No		60.5	60.6	57.3	57.5	3.2	3.1	No	No	0	No	0
2287 Cedardale Ave	1	B	No		65.6	65.6	64.0	64.1	1.6	1.6	Yes	No	0	No	0
3224 Perkins Rd	1	B	No		66.3	66.3	65.1	65.1	1.2	1.2	Yes	No	0	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-1(
Noise Analysis Area:	EB3b

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
EB I-10:283+00	EB I-10:285+00	200	14	2,800	$95,200.00
EB I-10:285+00	EB I-10:287+00	200	14	2,800	$95,200.00
EB I-10:287+00	end	300	14	4,200	$142,800.00
EB I-10:290+00	EB I-10:292+00	200	14	2,800	$95,200.00
EB I-10:292+00	EB I-10:294+00	200	14	2,800	$95,200.00
EB I-10:294+00	EB I-10:296+00	200	14	2,800	$95,200.00
EB I-10:296+00	EB I-10:298+00	200	14	2,800	$95,200.00
EB I-10:298+00	EB I-10:300+00	200	14	2,800	$95,200.00
EB I-10:300+00	EB I-10:302+00	200	14	2,800	$95,200.00
EB I-10:302+00	EB I-10:304+00	200	14	2,800	$95,200.00
EB I-10:304+00	Ramp:306+00	200	14	2,800	$95,200.00
Ramp:306+00	Ramp:308+00	201	14	2,814	$95,676.00



WB1 (1 of 1)

Barrier Not Feasible

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB1
Background Sound Level:	45

Barrier Area	123,270
Total Length	8,805
Average Height	14
Unit Cost ($/ft.)	30
Total Cost	3,698,100

# of 1st row impacted receptors	36
# of 1st row impacted & benefited	11
Feasible?	No (30.6%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
615 S 10th St	1	B	Yes		68.0	68.0	63.4	63.5	4.6	4.6	Yes	Yes	1	No	0
1006 Europe St	1	B	Yes		66.2	66.2	58.9	59.1	7.3	7.2	Yes	Yes	1	No	0
1016 Europe St	1	B	Yes		67.2	67.2	59.0	59.2	8.2	8.1	Yes	Yes	1	Yes	1
731 S 10th St	1	B	Yes		69.8	69.8	59.5	59.7	10.3	10.2	Yes	Yes	1	Yes	1
990 Mayflower St	1	B	Yes	105	69.2	71.5	64.9	69.5	4.3	2.0	Yes	No	0	No	0
988 Mayflower St	1	B	Yes	148	67.4	70.0	62.3	67.9	5.1	2.1	Yes	No	0	No	0
976 Mayflower St	1	B	Yes	180	67.0	67.0	61.7	61.8	5.3	5.2	Yes	Yes	1	No	0
972/974 Mayflower St	2	B	Yes	231	66.2	66.2	61.0	61.1	5.2	5.1	Yes	Yes	2	No	0
811 East Blvd	1	B	Yes	250	65.7	65.7	60.7	60.8	5.0	4.9	Yes	Yes	1	No	0
827 East Blvd	1	B	Yes	207	66.6	66.6	61.4	61.5	5.2	5.1	Yes	Yes	1	No	0
831 East Blvd	1	B	Yes	178	66.8	66.8	61.6	61.7	5.2	5.1	Yes	Yes	1	No	0
835 East Blvd	1	B	Yes	155	67.1	69.4	61.6	67.1	5.5	2.4	Yes	No	0	No	0
851 East Blvd	1	B	Yes	105	67.4	70.6	61.9	68.7	5.5	1.8	Yes	No	0	No	0
859 East Blvd	1	B	Yes	72	67.5	72.5	62.5	71.5	5.0	1.0	Yes	No	0	No	0
863 East Blvd	1	B	Yes	52	67.6	72.6	62.5	71.5	5.1	1.1	Yes	No	0	No	0
867 East Blvd	1	B	Yes	22	67.4	77.8	63.1	77.6	4.3	0.3	Yes	No	0	No	0
850 East Blvd	1	B	Yes	135	67.2	69.9	62.5	68.0	4.7	1.9	Yes	No	0	No	0
855 Maximilian St	1	B	Yes	195	66.5	66.5	61.6	61.7	4.9	4.8	Yes	Yes	1	No	0
864 South Blvd	1	B	Yes	50	67.7	72.6	62.6	71.5	5.1	1.1	Yes	No	0	No	0
860 South Blvd	1	B	Yes	45	67.5	74.3	62.3	73.6	5.2	0.7	Yes	No	0	No	0
852 South Blvd	1	B	Yes	38	67.4	74.3	62.3	73.6	5.1	0.7	Yes	No	0	No	0
850 South Blvd	1	B	Yes	48	67.9	74.4	62.6	73.7	5.3	0.7	Yes	No	0	No	0
838 South Blvd	1	B	Yes	45	67.8	74.4	62.7	73.7	5.1	0.7	Yes	No	0	No	0
820 South Blvd	1	B	Yes	35	67.9	74.4	62.9	73.7	5.0	0.7	Yes	No	0	No	0
800 South Blvd	1	B	Yes	49	68.2	74.5	62.2	73.6	6.0	0.8	Yes	No	0	No	0
748 South Blvd	1	B	Yes	49	68.6	74.6	61.7	73.6	6.9	1.0	Yes	No	0	No	0
742 South Blvd	1	B	Yes	26	64.8	73.9	61.1	73.6	3.7	0.3	Yes	No	0	No	0
Liberty Chapel Bapt Church	1	D	Yes	40	39.8	50.4	35.9	50.1	3.9	0.2	No	No	0	No	0
702 South Blvd	1	B	Yes	36	65.4	74.0	61.2	73.6	4.2	0.4	Yes	No	0	No	0
644 South Blvd	1	B	Yes	28	64.2	73.8	60.7	73.5	3.5	0.3	Yes	No	0	No	0
640 South Blvd	1	B	Yes	26	64.2	73.8	60.7	73.5	3.5	0.3	Yes	No	0	No	0
620 South Blvd	1	B	Yes	60	68.7	73.0	61.7	71.4	7.0	1.6	Yes	No	0	No	0
602 South Blvd	1	B	Yes	64	69.2	73.1	62.3	71.5	6.9	1.7	Yes	No	0	No	0
New St Luke Bapt Church	1	D	Yes	25	39.0	50.3	35.5	50.1	3.5	0.2	No	No	0	No	0
510 South Blvd	1	B	Yes	65	67.9	72.7	60.1	71.3	7.8	1.4	Yes	No	0	No	0
dell Williams Museum of Afr Amer Hist	1	C	Yes	29	63.4	73.7	59.6	73.5	3.8	0.2	Yes	No	0	No	0
965 St Charles St	1	B	Yes	19	63.0	77.6	60.3	77.5	2.7	0.1	Yes	No	0	No	0
600 S 10th St	1	B	No		65.2	65.2	62.2	62.3	3.0	3.0	No	No	0	No	0
604 S 10th St	1	B	No		64.9	64.9	61.5	61.6	3.4	3.3	No	No	0	No	0
618 S 10th St	1	B	No		64.9	64.9	60.4	60.5	4.5	4.4	No	No	0	No	0
986 France St	1	B	No		62.5	62.6	58.9	59.1	3.6	3.5	No	No	0	No	0
577 East Blvd	1	B	No		61.5	61.6	58.2	58.4	3.3	3.2	No	No	0	No	0
593 East Blvd	1	B	No		61.4	61.5	58.2	58.4	3.2	3.1	No	No	0	No	0
601 East Blvd	1	B	No		60.9	61.0	57.6	57.8	3.3	3.2	No	No	0	No	0
605 East Blvd	1	B	No		60.8	60.9	57.3	57.5	3.5	3.4	No	No	0	No	0
615 East Blvd	1	B	No		60.7	60.8	57.3	57.5	3.4	3.3	No	No	0	No	0
621 East Blvd	1	B	No		60.6	60.7	57.1	57.4	3.5	3.4	No	No	0	No	0
602 East Blvd	1	B	No		59.8	59.9	57.2	57.5	2.6	2.5	No	No	0	No	0
612 East Blvd	1	B	No		59.7	59.8	56.8	57.1	2.9	2.8	No	No	0	No	0
618 East blvd	1	B	No		59.4	59.6	56.4	56.7	3.0	2.9	No	No	0	No	0
634 East Blvd	1	B	No		59.3	59.5	56.3	56.6	3.0	2.8	No	No	0	No	0
640 East Blvd	1	B	No		59.5	59.7	56.6	56.9	2.9	2.8	No	No	0	No	0
646 East Blvd	1	B	No		60.2	60.3	57.0	57.3	3.2	3.1	No	No	0	No	0
St Agnes Cath Church	1	C	No	385	62.8	62.9	58.4	58.6	4.4	4.3	No	No	0	No	0
710 East Blvd	1	B	No		60.7	60.8	57.3	57.5	3.4	3.3	No	No	0	No	0
712 East Blvd	1	B	No		61.2	61.3	57.7	57.9	3.5	3.4	No	No	0	No	0
728 East Blvd	1	B	No		62.4	62.5	58.4	58.6	4.0	3.9	No	No	0	No	0
736 East Blvd	1	B	No		63.6	63.7	59.3	59.5	4.3	4.2	No	No	0	No	0
919 Mayflower St	1	B	No		62.7	62.8	57.8	58.0	4.9	4.8	No	Yes	1	No	0
917 Mayflower St	1	B	No		63.1	63.2	58.1	58.3	5.0	4.9	No	Yes	1	No	0
757 Maximillian St	1	B	No		62.9	63.0	58.1	58.3	4.8	4.7	No	Yes	1	No	0
801 East Blvd	1	B	No	298	65.1	65.1	60.3	60.4	4.8	4.7	No	Yes	1	No	0
840/842 East Blvd	2	B	No	288	65.9	65.9	61.0	61.1	4.9	4.8	Yes	Yes	2	No	0
830 East Blvd	1	B	No	225	65.2	65.2	60.5	60.6	4.7	4.6	No	Yes	1	No	0
820 East Blvd	1	B	No		64.9	64.9	60.2	60.3	4.7	4.6	No	Yes	1	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB1
Background Sound Level:	45

Barrier Area	123,270
Total Length	8,805
Average Height	14
Unit Cost ($/ft.)	30
Total Cost	3,698,100

# of 1st row impacted receptors	36
# of 1st row impacted & benefited	11
Feasible?	No (30.6%)

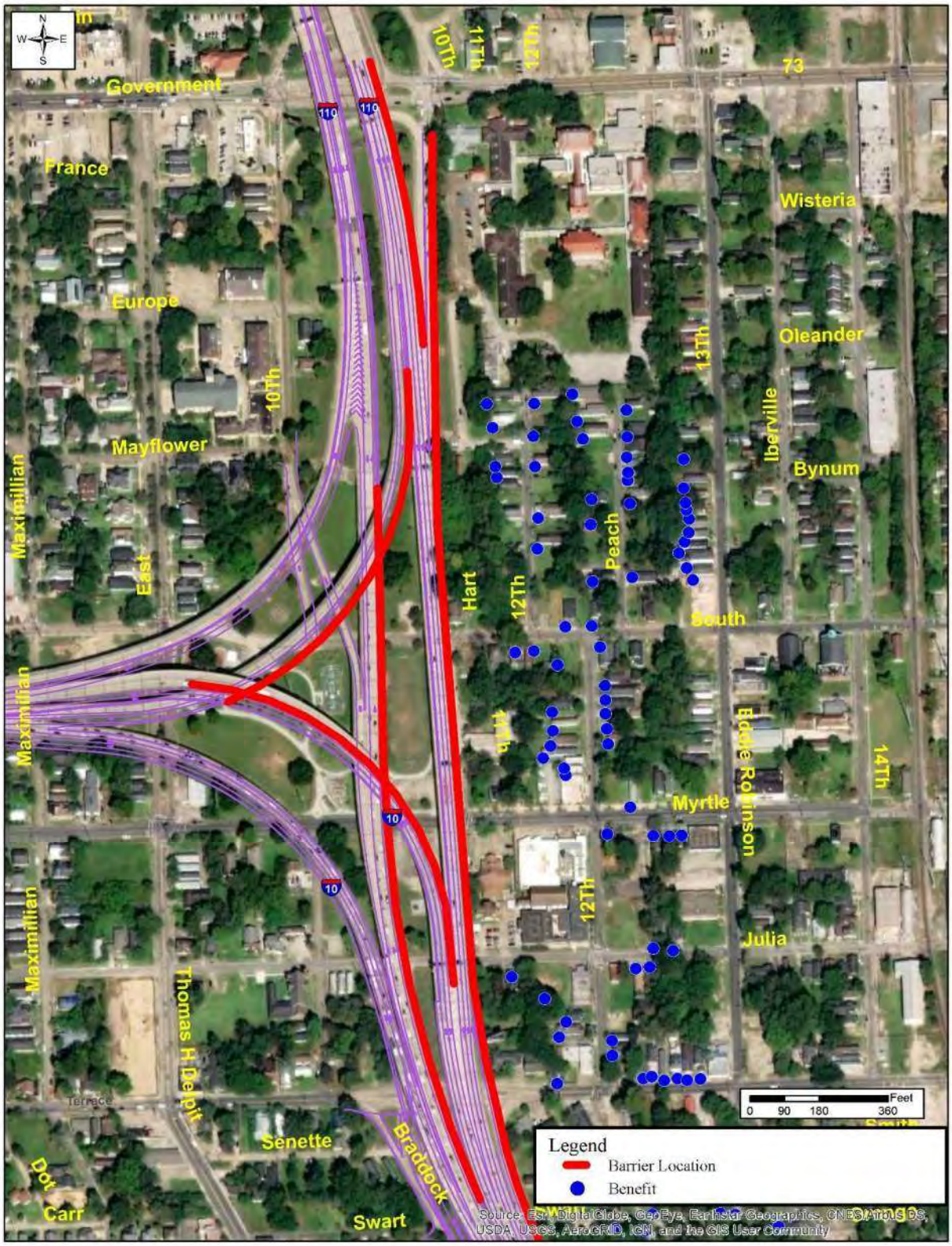
Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
810 East Blvd	1	B	No		64.5	64.5	60.0	60.1	4.5	4.4	No	No	0	No	0
806 East Blvd	1	B	No		64.1	64.2	59.8	59.9	4.3	4.2	No	No	0	No	0
922 Mayflower St	1	B	No		64.8	64.8	60.1	60.2	4.7	4.6	No	Yes	1	No	0
916 Mayflower St	1	B	No		63.9	64.0	59.3	59.5	4.6	4.5	No	Yes	1	No	0
835 Maximillian St	1	B	No		65.0	65.0	60.3	60.4	4.7	4.6	No	Yes	1	No	0
841 Maximillian St	1	B	No		64.8	64.8	59.6	59.7	5.2	5.1	No	Yes	1	No	0
847 Maximillian St	1	B	No	218	66.0	66.0	60.7	60.8	5.3	5.2	Yes	Yes	1	No	0
Ft AIM Elem Playground (South)	1	C	No	182	66.7	66.7	61.0	61.1	5.7	5.6	Yes	Yes	1	No	C
Ft AIM Elem Playground (West)	1	C	No		65.4	65.4	59.4	59.6	6.0	5.9	No	Yes	1	No	C
448 South Blvd	1	B	No	63	68.9	73.0	61.7	71.4	7.2	1.6	Yes	No	0	No	0
442 South Blvd	1	B	No	61	68.3	72.8	62.1	71.4	6.2	1.4	Yes	No	0	No	0
440 South Blvd	1	B	No	66	69.1	73.1	61.9	71.4	7.2	1.7	Yes	No	0	No	0
847 Mayflower St	1	B	No		61.3	61.4	57.4	57.6	3.9	3.8	No	No	0	No	0
833 Mayflower St	1	B	No		61.2	61.3	56.4	56.7	4.8	4.6	No	Yes	1	No	C
827 Mayflower St	1	B	No		61.6	61.7	55.9	56.2	5.7	5.5	No	Yes	1	No	C
809/811 Mayflower St	2	B	No		61.4	61.5	54.8	55.2	6.6	6.3	No	Yes	2	No	C
805/807 Mayflower St	2	B	No		61.6	61.7	55.3	55.7	6.3	6.0	No	Yes	2	No	C
736 St Joseph St	1	B	No		61.7	61.8	55.7	56.1	6.0	5.7	No	Yes	1	No	C
747 Mayflower St	1	B	No		60.9	61.0	55.1	55.5	5.8	5.5	No	Yes	1	No	C
745 Mayflower St	1	B	No		60.2	60.3	54.8	55.2	5.4	5.1	No	Yes	1	No	C
741 Mayflower St	1	B	No		59.3	59.5	55.0	55.4	4.3	4.0	No	No	0	No	0
755 Napolean St	1	B	No		53.8	54.3	53.2	53.8	0.6	0.5	No	No	0	No	0
758 Napolean St	1	B	No		51.6	52.5	49.6	50.9	2.0	1.6	No	No	0	No	0
603 Mayflower St	1	B	No		51.0	52.0	50.8	51.8	0.2	0.2	No	No	0	No	0
601 Mayflower St	1	B	No		52.8	53.5	51.3	52.2	1.5	1.3	No	No	0	No	0
757/759 St Charles St	1	B			55.9	56.2	54.4	54.9	1.5	1.4	No	No	0	No	0
427 Mayflower St	1	B			58.4	58.6	58.0	58.2	0.4	0.4	No	No	0	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10
Noise Analysis Area:	WB1

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
SB I-110:179+00	SB I-110:181+00	198	14	2,772	$83,160.00
SB I-110:181+00	SB I-110:183+00	200	14	2,800	$84,000.00
SB I-110:183+00	SB I-110:185+00	201	14	2,814	$84,420.00
SB I-110:185+00	SB I-110:187+00	197	14	2,758	$82,740.00
SB I-110:187+00	SB I-110:189+00	200	14	2,800	$84,000.00
SB I-110:189+00	SB I-110:191+00	203	14	2,842	$85,260.00
SB I-110:191+00	end	168	14	2,352	$70,560.00
SB I-110:193+00	Ramp:451+00	184	14	2,576	$77,280.00
Ramp:451+00	Ramp:450+00	99	14	1,386	$41,580.00
Ramp:450+00	Ramp:449+00	99	14	1,386	$41,580.00
Ramp:449+00	Ramp:448+00	99	14	1,386	$41,580.00
Ramp:448+00	Ramp:447+00	99	14	1,386	$41,580.00
Ramp:447+00	end	98	14	1,372	$41,160.00
Ramp:446+00	Ramp:446+00	97	14	1,358	$40,740.00
Ramp:446+00	Ramp:445+00	96	14	1,344	$40,320.00
Ramp:445+00	Ramp:444+00	96	14	1,344	$40,320.00
Ramp:444+00	Ramp:443+00	96	14	1,344	$40,320.00
Ramp:443+00	Ramp:442+00	96	14	1,344	$40,320.00
Ramp:442+00	Ramp:441+00	97	14	1,358	$40,740.00
Ramp:441+00	Ramp:440+00	98	14	1,372	$41,160.00
Ramp:440+00	Ramp:439+00	99	14	1,386	$41,580.00
Ramp:439+00	Ramp:438+00	99	14	1,386	$41,580.00
Ramp:438+00	Ramp:436+00	99	14	1,386	$41,580.00
Ramp:436+00	Ramp:434+00	98	14	1,372	$41,160.00
Ramp:434+00	Ramp:433+00	99	14	1,386	$41,580.00
Ramp:433+00	WB I-10:432+00	200	14	2,800	$84,000.00
WB I-10:432+00	WB I-10:430+00	199	14	2,786	$83,580.00
WB I-10:430+00	WB I-10:428+00	200	14	2,800	$84,000.00
WB I-10:428+00	WB I-10:426+00	200	14	2,800	$84,000.00
WB I-10:426+00	WB I-10:424+00	200	14	2,800	$84,000.00
WB I-10:424+00	WB I-10:422+00	200	14	2,800	$84,000.00
WB I-10:422+00	WB I-10:420+00	199	14	2,786	$83,580.00
WB I-10:420+00	WB I-10:418+00	199	14	2,786	$83,580.00
WB I-10:418+00	end	156	14	2,184	$65,520.00
Ramp:202+00	Ramp:203+00	100	14	1,400	$42,000.00
Ramp:203+00	Ramp:204+00	100	14	1,400	$42,000.00
Ramp:204+00	Ramp:205+00	98	14	1,372	$41,160.00
Ramp:205+00	Ramp:207+00	199	14	2,786	$83,580.00
Ramp:448+00	EB I-10:199+00	114	14	1,596	$47,880.00
EB I-10:199+00	end	100	14	1,400	$42,000.00
EB I-10:200+00	EB I-10:201+00	100	14	1,400	$42,000.00
EB I-10:201+00	EB I-10:203+00	200	14	2,800	$84,000.00

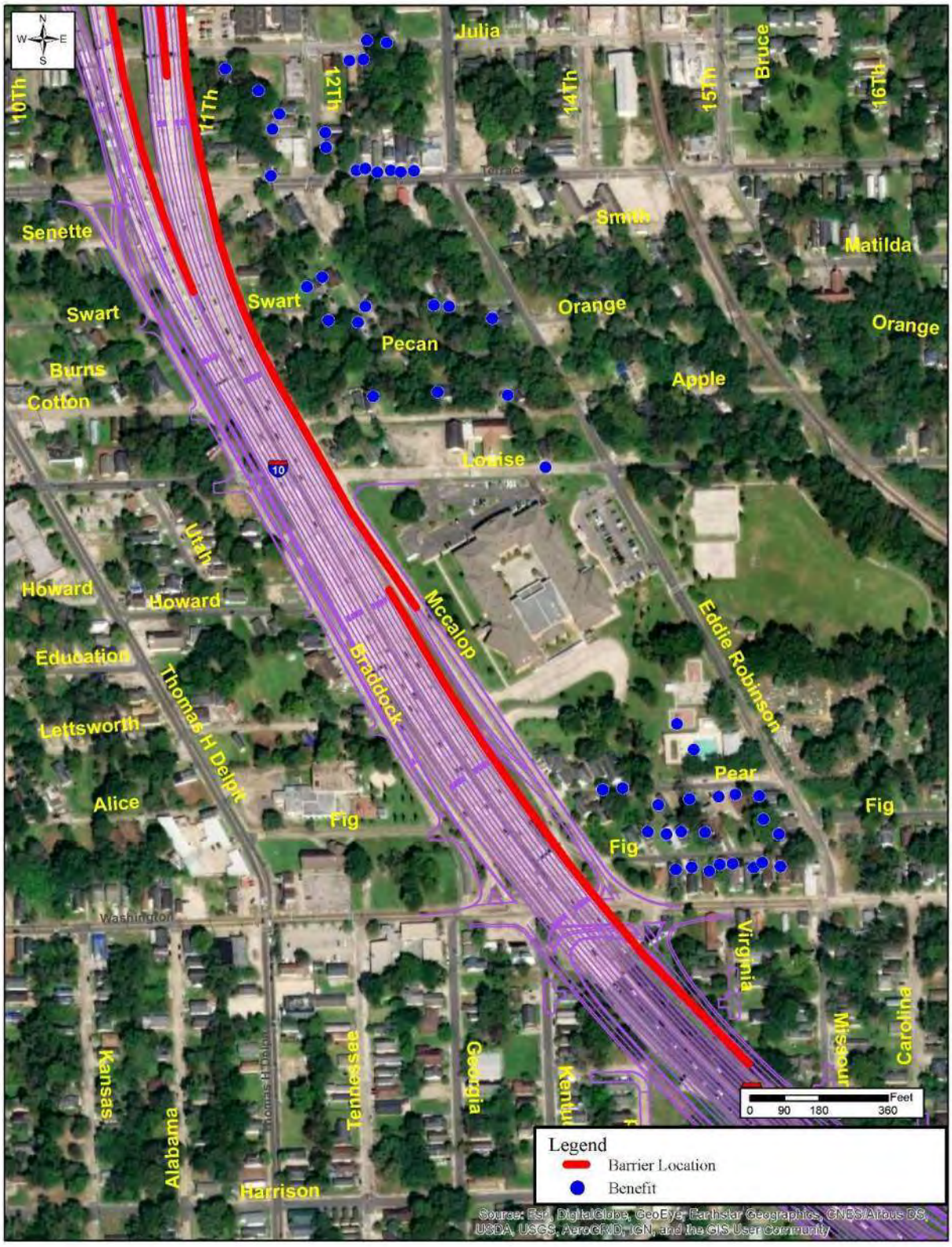
Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10
Noise Analysis Area:	WB1

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
EB I-10:203+00	end	200	14	2,800	$84,000.00
Ramp:434+00	Ramp:436+00	100	14	1,400	$42,000.00
Ramp:436+00	Ramp:438+00	200	14	2,800	$84,000.00
Ramp:438+00	Ramp:439+00	97	14	1,358	$40,740.00
Ramp:439+00	Ramp:440+00	96	14	1,344	$40,320.00
Ramp:440+00	Ramp:441+00	96	14	1,344	$40,320.00
Ramp:441+00	Ramp:442+00	95	14	1,330	$39,900.00
Ramp:442+00	Ramp:443+00	96	14	1,344	$40,320.00
Ramp:443+00	Ramp:444+00	96	14	1,344	$40,320.00
Ramp:444+00	Ramp:445+00	96	14	1,344	$40,320.00
Ramp:445+00	Ramp:446+00	96	14	1,344	$40,320.00
Ramp:446+00	Ramp:447+00	95	14	1,330	$39,900.00
Ramp:447+00	Ramp:448+00	96	14	1,344	$40,320.00
Ramp:448+00	Ramp:449+00	96	14	1,344	$40,320.00
Ramp:449+00	Ramp:450+00	96	14	1,344	$40,320.00
Ramp:450+00	end	149	14	2,086	$62,580.00
WB I-10:445+00	WB I-10:444+00	105	14	1,470	$44,100.00
WB I-10:444+00	WB I-10:443+00	104	14	1,456	$43,680.00
WB I-10:443+00	WB I-10:442+00	105	14	1,470	$44,100.00
WB I-10:442+00	WB I-10:441+00	105	14	1,470	$44,100.00
WB I-10:441+00	WB I-10:440+00	103	14	1,442	$43,260.00
WB I-10:440+00	WB I-10:439+00	105	14	1,470	$44,100.00
WB I-10:439+00	WB I-10:438+00	101	14	1,414	$42,420.00
WB I-10:438+00	WB I-10:436+00	200	14	2,800	$84,000.00
WB I-10:436+00	end	98	14	1,372	$41,160.00



WB2 (1 of 2)

Barrier Not Feasible



WB2 (2 of 2)

Barrier Not Feasible

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB2
Background Sound Level:	45

Barrier Area	128,098
Total Length	10,130
Average Height	13
Unit Cost ($/ft.)	30
Total Cost	3,842,940

# of 1st row impacted receptors	24
# of 1st row impacted & benefited	2
Feasible?	No (8.3%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
1205 Fig St	1	B	Yes	155	69.2	70.8	63.9	67.9	5.3	2.9	Yes	No	0	No	0
1134 Pear St	1	B	Yes	126	69.8	71.5	65.0	68.8	4.8	2.6	Yes	No	0	No	0
1129 Pear St	1	B	Yes	107	70.5	72.3	66.6	70.2	3.9	2.1	Yes	No	0	No	0
1185 Pear St	1	B	Yes	112	71.2	72.8	67.1	70.4	4.1	2.4	Yes	No	0	No	0
Mckinley Middle Classroom Ext (West	1	D	Yes	137	43.1	48.2	37.4	47.1	5.7	1.1	No	No	0	No	0
McKinley Middle Classroom Ext (North	1	D	Yes	179	39.8	46.1	33.7	45.3	6.1	0.8	No	No	0	No	0
1103 Louise St	1	B	Yes	30	64.7	73.9	57.0	73.6	2.7	0.3	Yes	No	0	No	0
1117 Louise St	1	B	No	100	68.8	71.3	63.2	69.0	5.6	2.3	Yes	No	0	No	0
1125 Hickory St	1	B	Yes	138	68.0	70.3	60.9	67.6	7.1	2.8	Yes	No	0	No	0
1117 Pecan St	1	B	Yes	71	67.7	72.6	60.8	71.5	4.9	1.1	Yes	No	0	No	0
1120 Swart St	1	B	Yes	86	67.5	71.4	63.1	70.1	4.4	1.3	Yes	No	0	No	0
1349 McCalop St	1	B	Yes	25	67.8	74.4	64.1	73.8	3.7	0.6	Yes	No	0	No	0
1138 Terrace St	1	B	Yes	48	68.5	74.5	63.2	73.7	5.3	0.8	Yes	No	0	No	0
1123 Terrace St	1	B	Yes	26	68.4	74.5	63.0	73.7	5.4	0.8	Yes	No	0	No	0
1108 Julia St	1	B	Yes	44	69.6	74.8	63.1	73.7	6.5	1.1	Yes	No	0	No	0
St Francis Xavier Ch (courtyard)	1	C	Yes	43	69.2	74.7	63.4	73.7	5.8	1.0	Yes	No	0	No	0
St Francis Xavier Ch (West)	1	D	Yes	48	44.9	51.1	38.9	50.3	6.0	0.9	Yes	No	0	No	0
1107 Myrtle St	1	B	Yes	86	68.4	71.8	61.9	69.9	6.5	1.9	Yes	No	0	No	0
977 S 11th St	1	B	Yes	50	68.5	72.9	62.2	71.5	6.3	1.4	Yes	No	0	No	0
1118 South St	1	B	Yes	112	67.9	70.8	61.2	68.6	6.7	2.2	Yes	No	0	No	0
1073 South St	1	B	Yes	19	69.2	78.0	62.8	77.6	6.4	0.5	Yes	No	0	No	0
846 S 12th St	1	B	Yes	155	68.3	70.2	61.3	67.0	7.0	3.2	Yes	No	0	No	0
824 S 12th St	1	B	Yes	165	67.7	69.8	62.1	67.2	5.6	2.6	Yes	No	0	No	0
810 S 12th St	1	B	Yes	155	67.6	69.7	61.0	66.9	6.6	2.8	Yes	No	0	No	0
1084 Mayflower St	1	B	Yes	53	67.3	72.5	61.9	71.4	5.4	1.1	Yes	No	0	No	0
714 S 12th St	1	B	Yes		66.3	66.3	59.5	59.7	6.8	6.7	Yes	Yes	1	No	0
702 S 12th St	1	B	Yes		66.9	66.9	58.9	59.1	8.0	7.9	Yes	Yes	1	Yes	1
Former LSU Campus (use TBD)	1	D	Yes		41.9	46.7	35.6	45.5	6.3	1.3	No	No	0	No	0
1223 E Washington St	1	B	No	205	68.0	68.0	61.8	61.9	6.2	6.1	Yes	Yes	1	No	0
1229 E Washington St	1	B	No		67.3	67.3	60.9	61.0	6.4	6.3	Yes	Yes	1	No	0
1235 E Washington St	1	B	No		66.3	66.3	61.1	61.2	5.2	5.1	Yes	Yes	1	No	0
1237 E Washington St	1	B	No		66.4	66.4	61.1	61.2	5.3	5.2	Yes	Yes	1	No	0
1303 E Washington St	1	B	No		65.8	65.8	60.7	60.8	5.1	5.0	Yes	Yes	1	No	0
1305 E Washington St	1	B	No		64.7	64.7	59.7	59.8	5.0	4.9	No	Yes	1	No	0
1319 E Washington St	1	B	No		64.7	64.7	59.7	59.8	5.0	4.9	No	Yes	1	No	0
1321 E Washington St	1	B	No		63.9	64.0	59.2	59.4	4.7	4.6	No	Yes	1	No	0
1325 E Washington St	1	B	No		63.8	63.9	59.3	59.5	4.5	4.4	No	No	0	No	0
1327 E Washington St	1	B	No		63.0	63.1	58.9	59.1	4.1	4.0	No	No	0	No	0
1211 Fig St	1	B	No		67.2	67.2	61.1	61.2	6.1	6.0	Yes	Yes	1	No	0
1237 Fig St	1	B	No		66.4	66.4	60.5	60.6	5.9	5.8	Yes	Yes	1	No	0
1249 Fig St	1	B	No		66.2	66.2	59.9	60.0	6.3	6.2	Yes	Yes	1	No	0
1263 Fig St	1	B	No		65.3	65.3	59.1	59.3	6.2	6.1	No	Yes	1	No	0
1774 Eddie Robinson Sr Dr	1	B	No		64.5	64.5	60.0	60.1	4.5	4.4	No	No	0	No	0
1768 Eddie Robinson Sr Dr	1	B	No		64.4	64.4	59.8	59.9	4.6	4.5	No	Yes	1	No	0
1762 Eddie Robinson Sr Dr	1	B	No		64.5	64.5	59.2	59.4	5.3	5.2	No	Yes	1	No	0
1740 Eddie Robinson Sr Dr	1	B	No		62.9	63.0	56.9	57.2	6.0	5.8	No	Yes	1	No	0
1258 Pear St	1	B	No		67.3	67.3	60.9	61.0	6.4	6.3	Yes	Yes	1	No	0
1280 Pear St	1	B	No		65.5	65.5	59.0	59.2	6.5	6.4	Yes	Yes	1	No	0
1338 Pear St (Duplex)	2	B	No		64.5	64.5	58.2	58.4	6.3	6.1	No	Yes	2	No	0
1344 Pear St (Duplex)	2	B	No		64.0	64.1	57.9	58.1	6.1	5.9	No	Yes	2	No	0
1173 Pear St	1	B	No	148	68.1	70.4	63.6	68.3	4.5	2.1	Yes	No	0	No	0
1217 Pear St	1	B	No		66.5	66.5	61.7	61.8	4.8	4.7	Yes	Yes	1	No	0
1225 Pear St	1	B	No		66.6	66.6	61.5	61.6	5.1	5.0	Yes	Yes	1	No	0
Brooks Park (Pool)	1	C	No		64.8	64.8	58.3	58.5	6.5	6.3	No	Yes	1	No	0
Brooks Park (Playground)	1	C	No		65.2	65.2	58.7	58.9	6.5	6.4	No	Yes	1	No	0
1123 Louise St	1	B	No	130	67.2	69.9	61.5	67.7	5.7	2.2	Yes	No	0	No	0
McKnowen MBapt Church (no ext use	1	D	No		40.7	46.4	34.7	45.4	6.0	1.0	No	No	0	No	0
1265 Louise St	1	B	No		61.0	61.1	54.7	55.1	6.3	6.0	No	Yes	1	No	0
1137 Hickory St	1	B	No		63.7	63.8	58.2	58.4	5.5	5.4	No	Yes	1	No	0
1207 Hickory St	1	B	No		65.7	65.7	59.6	59.7	6.1	6.0	Yes	Yes	1	No	0
1255 Hickory St	1	B	No		62.3	62.4	57.2	57.5	5.1	4.9	No	Yes	1	No	0
1129 Pecan St	1	B	No	150	67.6	69.7	61.1	66.9	6.5	2.8	Yes	No	0	No	0
1128 Swart St	1	B	No	133	65.3	69.0	61.2	67.6	4.1	1.3	No	No	0	No	0
1132 Swart St	1	B	No	162	65.0	68.3	60.5	66.8	4.5	1.5	Yes	No	0	No	0
1138 Swart St	1	B	No		65.0	65.0	60.2	60.3	4.8	4.7	No	Yes	1	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB2
Background Sound Level:	45

Barrier Area	128,098
Total Length	10,130
Average Height	13
Unit Cost ($/ft.)	30
Total Cost	3,842,940

# of 1st row impacted receptors	24
# of 1st row impacted & benefited	2
Feasible?	No (8.3%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
1158 Swart St	1	B	No		65.0	65.0	59.3	59.5	5.7	5.6	No	Yes	1	No	0
1408 Swart St	1	B	No		63.3	63.4	57.1	57.4	6.2	6.0	No	Yes	1	No	0
1145 Swart St	1	B	No		67.3	67.3	62.0	62.1	5.3	5.2	Yes	Yes	1	No	0
1163 Swart St	1	B	No		67.1	67.1	61.5	61.6	5.6	5.5	Yes	Yes	1	No	0
1181 Swart St	1	B	No		65.0	65.0	60.0	60.1	5.0	4.9	No	Yes	1	No	0
1249 Swart St	1	B	No		65.2	65.2	59.3	59.5	5.9	5.8	No	Yes	1	No	0
1265 Swart St	1	B	No		64.2	64.3	57.7	57.9	6.5	6.3	No	Yes	1	No	0
1150 Terrace St (Apts 1st floor)	2	B	No	104	67.0	70.4	61.7	68.7	5.3	1.7	Yes	No	0	No	0
1150 Terrace St (Apts 2nd floor)	2	B	No	106	70.1	72.1	63.4	69.1	6.7	3.0	Yes	No	0	No	0
New Prospect MBapt Church (no ext)	1	D	No		41.6	46.6	35.3	45.4	6.3	1.2	No	No	0	No	0
1125 Terrace St	1	B	No	103	67.7	70.7	61.8	68.7	5.9	2.0	Yes	No	0	No	0
Francis Xavier Early Child Dev (playgro	1	C	No		67.4	67.4	61.2	61.3	6.2	6.1	Yes	Yes	1	No	C
1209 Terrace St	1	B	No		65.3	65.3	59.4	59.6	5.9	5.8	No	Yes	1	No	C
1217 Terrace St	1	B	No		64.9	64.9	59.0	59.2	5.9	5.8	No	Yes	1	No	C
1223 Terrace St	1	B	No		64.7	64.7	58.8	59.0	5.9	5.8	No	Yes	1	No	C
1225 Terrace St	1	B	No		64.2	64.3	58.2	58.4	6.0	5.8	No	Yes	1	No	C
1233 Terrace St	1	B	No		63.9	64.0	57.9	58.1	6.0	5.8	No	Yes	1	No	C
1235 Terrace St	1	B	No		63.1	63.2	57.5	57.7	5.6	5.4	No	Yes	1	No	C
1232 S 12th St	1	B	No	200	67.9	67.9	61.2	61.3	6.7	6.6	Yes	Yes	1	No	C
1226 S 12th St	1	B	No		67.7	67.7	60.9	61.0	6.8	6.7	Yes	Yes	1	No	C
1245 S 12th St	1	B	No		65.2	65.2	59.0	59.2	6.2	6.1	No	Yes	1	No	C
1237 S 12th St	1	B	No		64.8	64.8	58.7	58.9	6.1	6.0	No	Yes	1	No	C
1112 Julia St	1	B	No		68.3	68.3	61.8	61.9	6.5	6.4	Yes	Yes	1	No	C
Francis Xavier Child Care Ctr (playgrou	1	C	No		68.0	68.0	61.3	61.4	6.7	6.6	Yes	Yes	1	No	C
St Francis Xavier Child Care Ctr (ext)	1	D	No		41.6	46.6	35.0	45.4	6.6	1.2	No	No	0	No	0
1208 Julia St	1	B	No		63.0	63.1	57.0	57.3	6.0	5.8	No	Yes	1	No	C
1214 Julia St	1	B	No		62.3	62.4	56.3	56.6	6.0	5.8	No	Yes	1	No	C
1219 Julia St	1	B	No		61.7	61.8	56.2	56.5	5.5	5.3	No	Yes	1	No	C
1227 Julia St	1	B	No		62.0	62.1	56.9	57.2	5.1	4.9	No	Yes	1	No	C
1202 Myrtle St	1	B	No		61.7	61.8	56.9	57.2	4.8	4.6	No	Yes	1	No	C
1214 Myrtle St	1	B	No		60.7	60.8	55.7	56.1	5.0	4.8	No	Yes	1	No	C
1218 Myrtle St	1	B	No		61.5	61.6	56.4	56.7	5.1	4.9	No	Yes	1	No	C
1220 Myrtle St	1	B	No		61.5	61.6	56.4	56.7	5.1	4.9	No	Yes	1	No	C
1109 Myrtle St	1	B	No	125	67.3	69.9	61.0	67.6	6.3	2.3	Yes	No	0	No	0
1113 Myrtle St	1	B	No	155	66.7	69.2	60.5	66.8	6.2	2.4	Yes	No	0	No	0
1209 Myrtle St	1	B	No		62.1	62.2	57.0	57.3	5.1	4.9	No	Yes	1	No	C
1225 Myrtle St	1	B	No		58.5	58.7	53.9	54.4	4.6	4.3	No	No	0	No	0
1227 Myrtle St	1	B	No		59.3	59.5	54.7	55.1	4.6	4.3	No	No	0	No	0
968 S 12th St	1	B	No		64.5	64.5	58.9	59.1	5.6	5.5	No	Yes	1	No	C
966 S 12th St	1	B	No		64.3	64.4	58.7	58.9	5.6	5.5	No	Yes	1	No	0
962 S 12th St	1	B	No		63.2	63.3	57.7	57.9	5.5	5.3	No	Yes	1	No	0
954 S 12th St	1	B	No		62.4	62.5	57.0	57.3	5.4	5.2	No	Yes	1	No	0
946 S 12th St	1	B	No		62.4	62.5	56.5	56.8	5.9	5.7	No	Yes	1	No	0
932 S 12th St	1	B	No		63.8	63.9	57.4	57.6	6.4	6.2	No	Yes	1	No	0
951 S 12th St	1	B	No		63.5	63.6	58.2	58.4	5.3	5.2	No	Yes	1	No	0
945 S 12th St	1	B	No		63.5	63.6	57.9	58.1	5.6	5.4	No	Yes	1	No	0
917 S 12th St	1	B	No		63.4	63.5	57.9	58.1	5.5	5.3	No	Yes	1	No	0
915 S 12th St	1	B	No		63.4	63.5	58.0	58.2	5.4	5.2	No	Yes	1	No	0
911 S 12th St	1	B	No		63.4	63.5	58.1	58.3	5.3	5.2	No	Yes	1	No	0
1128 South St	1	B	No		66.1	66.1	59.7	59.8	6.4	6.3	Yes	Yes	1	No	0
1134 South St	1	B	No		66.1	66.1	59.9	60.0	6.2	6.1	Yes	Yes	1	No	0
1146 South St	1	B	No		64.7	64.7	58.5	58.7	6.2	6.1	No	Yes	1	No	0
1202 South St	1	B	No		63.5	63.6	58.2	58.4	5.3	5.2	No	Yes	1	No	0
1204 South St	1	B	No		61.7	61.8	57.2	57.5	4.5	4.3	No	No	0	No	0
1210 South St	1	B	No		60.0	60.1	55.4	55.8	4.6	4.4	No	No	0	No	0
1121 South St	1	B	No		64.9	64.9	59.3	59.5	5.6	5.5	No	Yes	1	No	0
1131 South St	1	B	No		62.6	62.7	57.5	57.7	5.1	4.9	No	Yes	1	No	0
1211 South St	1	B	No		60.7	60.8	56.4	56.7	4.3	4.1	No	No	0	No	0
804 S 12th St	1	B	No		66.9	66.9	60.2	60.3	6.7	6.6	Yes	Yes	1	No	0
744 S 12th St	1	B	No		66.5	66.5	59.2	59.4	7.3	7.2	Yes	Yes	1	No	0
839 S 12th St	1	B	No		65.3	65.3	59.5	59.7	5.8	5.7	No	Yes	1	No	0
873 S 12th St	1	B	No		65.3	65.3	59.9	60.0	5.4	5.3	No	Yes	1	No	0
763 S 12th St	1	B	No		63.8	63.9	58.1	58.3	5.7	5.5	No	Yes	1	No	0
721 S 12th St	1	B	No		63.6	63.7	57.8	58.0	5.8	5.6	No	Yes	1	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB2
Background Sound Level:	45

Barrier Area	128,098
Total Length	10,130
Average Height	13
Unit Cost ($/ft.)	30
Total Cost	3,842,940

# of 1st row impacted receptors	24
# of 1st row impacted & benefited	2
Feasible?	No (8.3%)

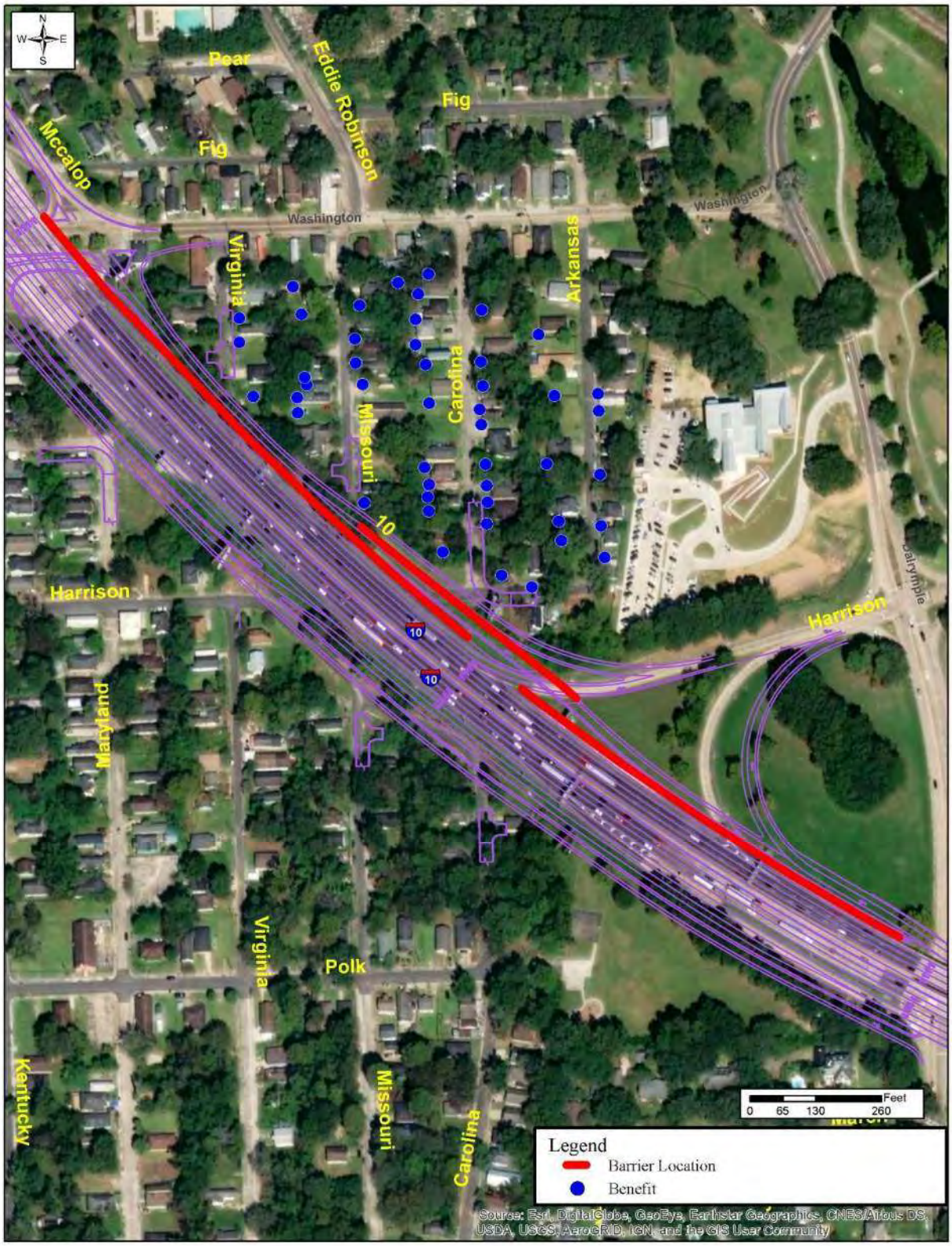
Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
703 S 12th St	1	B	No		64.2	64.3	58.3	58.5	5.9	5.8	No	Yes	1	No	0
870 Peach St	1	B	No		62.9	63.0	58.0	58.2	4.9	4.8	No	Yes	1	No	0
842 Peach St	1	B	No		62.9	63.0	57.6	57.8	5.3	5.1	No	Yes	1	No	0
826 Peach St	1	B	No		62.6	62.7	57.0	57.3	5.6	5.4	No	Yes	1	No	0
712 Peach St	1	B	No		61.3	61.4	55.8	56.1	5.5	5.3	No	Yes	1	No	0
706 Peach St	1	B	No		61.1	61.2	55.4	55.8	5.7	5.4	No	Yes	1	No	0
702 Peach St	1	B	No		59.4	59.6	53.8	54.3	5.6	5.2	No	Yes	1	No	0
871 Peach St	1	B	No		60.1	60.2	55.0	55.4	5.1	4.8	No	Yes	1	No	0
833 Peach St	1	B	No		61.2	61.3	56.0	56.3	5.2	5.0	No	Yes	1	No	0
807 Peach St	1	B	No		61.6	61.7	56.4	56.7	5.2	5.0	No	Yes	1	No	0
805 Peach St	1	B	No		61.6	61.7	56.5	56.8	5.1	4.9	No	Yes	1	No	0
803 Peach St	1	B	No		61.2	61.3	56.2	56.5	5.0	4.8	No	Yes	1	No	0
711 Peach St	1	B	No		60.5	60.6	55.8	56.1	4.7	4.5	No	Yes	1	No	0
701 Peach St	1	B	No		59.3	59.5	54.3	54.8	5.0	4.7	No	Yes	1	No	0
860 Eddie Robinson Sr Dr	1	B	No		60.4	60.5	55.7	56.1	4.7	4.5	No	Yes	1	No	0
850 Eddie Robinson Sr Dr	1	B	No		60.4	60.5	55.6	56.0	4.8	4.6	No	Yes	1	No	0
848 Eddie Robinson Sr Dr	1	B	No		60.7	60.8	56.0	56.3	4.7	4.5	No	Yes	1	No	0
844 Eddie Robinson Sr Dr	1	B	No		60.8	60.9	56.0	56.3	4.8	4.6	No	Yes	1	No	0
834 Eddie Robinson Sr Dr	1	B	No		60.7	60.8	55.9	56.2	4.8	4.6	No	Yes	1	No	0
828 Eddie Robinson Sr Dr	1	B	No		60.7	60.8	55.9	56.2	4.8	4.6	No	Yes	1	No	0
826 Eddie Robinson Sr Dr	1	B	No		60.8	60.9	55.8	56.1	5.0	4.8	No	Yes	1	No	0
824 Eddie Robinson Sr Dr	1	B	No		60.5	60.6	55.5	55.9	5.0	4.7	No	Yes	1	No	0
810 Eddie Robinson Sr Dr	1	B	No		60.5	60.6	55.5	55.9	5.0	4.7	No	Yes	1	No	0
722 Eddie Robinson Sr Dr	1	B	No		60.4	60.5	55.7	56.1	4.7	4.5	No	Yes	1	No	0
714 Eddie Robinson Sr Dr	1	B	No		60.0	60.1	55.5	55.9	4.5	4.3	No	No	0	No	0
706 Eddie Robinson Sr Dr	1	B	No		58.8	59.0	54.3	54.8	4.5	4.2	No	No	0	No	0
702 Eddie Robinson Sr Dr	1	B	No		58.8	59.0	54.2	54.7	4.6	4.3	No	No	0	No	0
640 Eddie Robinson Sr Dr	1	B	No		58.3	58.5	53.9	54.4	4.4	4.1	No	No	0	No	0
638 Eddie Robinson Sr Dr	1	B	No		58.3	58.5	54.0	54.5	4.3	4.0	No	No	0	No	0
632 Eddie Robinson Sr Dr	1	B	No		57.9	58.1	53.7	54.2	4.2	3.9	No	No	0	No	0
626 Eddie Robinson Sr Dr	1	B	No		57.7	57.9	53.6	54.2	4.1	3.8	No	No	0	No	0
614 Eddie Robinson Sr Dr	1	B	No		56.6	56.9	52.8	53.5	3.8	3.4	No	No	0	No	0
590 Eddie Robinson Sr Dr	1	B	No		50.0	51.2	47.7	49.6	2.3	1.6	No	No	0	No	0
576 Eddie Robinson Sr Dr	1	B	No		50.4	51.5	47.8	49.6	2.6	1.9	No	No	0	No	0
564 Eddie Robinson Sr Dr	1	B	No		51.0	52.0	48.8	50.3	2.2	1.7	No	No	0	No	0
Expressway Park (Football)	1	C	No	40	69.7	74.9	66.5	74.1	3.2	0.7	Yes	No	0	No	0
Expressway Park (BBall)	1	C	No	40	68.2	74.5	67.1	74.2	1.1	0.2	Yes	No	0	No	0
Expressway Park (Picnic Shelter)	1	C	No	45	68.1	74.5	67.8	74.4	0.3	0.1	Yes	No	0	No	0
Expressway Park (playground)	1	C	No	40	67.7	74.4	67.5	74.3	0.2	0.0	Yes	No	0	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10
Noise Analysis Area:	WB2

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
NB I-110:191+00	end	201	14	2,814	$84,420.00
NB I-110:196+35	NB I-110:195+00	134	14	1,876	$56,280.00
NB I-110:195+00	NB I-110:193+00	202	14	2,828	$84,840.00
NB I-110:193+00	end	212	14	2,968	$89,040.00
Ramp:199+00	Ramp:197+00	199	14	2,786	$83,580.00
Ramp:197+00	Ramp:195+00	200	12	2,400	$72,000.00
Ramp:195+00	Ramp:193+00	200	8	1,600	$48,000.00
Ramp:193+00	end	211	6	1,266	$37,980.00
Ramp:441+00	Ramp:442+00	100	12	1,200	$36,000.00
Ramp:442+00	Ramp:443+00	101	12	1,212	$36,360.00
Ramp:443+00	Ramp:444+00	100	14	1,400	$42,000.00
Ramp:444+00	Ramp:445+00	100	14	1,400	$42,000.00
Ramp:445+00	Ramp:446+00	101	14	1,414	$42,420.00
Ramp:446+00	Ramp:447+00	100	14	1,400	$42,000.00
Ramp:447+00	Ramp:448+00	101	14	1,414	$42,420.00
Ramp:448+00	Ramp:449+00	101	14	1,414	$42,420.00
Ramp:449+00	Ramp:450+00	100	12	1,200	$36,000.00
Ramp:450+00	end	150	10	1,500	$45,000.00
EB I-10:200+00	EB I-10:201+00	100	12	1,200	$36,000.00
EB I-10:201+00	EB I-10:203+00	200	12	2,400	$72,000.00
EB I-10:203+00	EB I-10:205+00	200	12	2,400	$72,000.00
EB I-10:205+00	EB I-10:207+00	200	12	2,400	$72,000.00
EB I-10:207+00	EB I-10:209+00	200	12	2,400	$72,000.00
EB I-10:209+00	EB I-10:211+00	199	12	2,388	$71,640.00
EB I-10:211+00	EB I-10:213+00	200	12	2,400	$72,000.00
EB I-10:213+00	EB I-10:215+00	203	12	2,436	$73,080.00
EB I-10:215+00	EB I-10:217+00	181	12	2,172	$65,160.00
EB I-10:217+00	EB I-10:218+00	102	12	1,224	$36,720.00
EB I-10:218+00	end	102	12	1,224	$36,720.00
WB I-10:213+00	NB I-110:211+00	203	14	2,842	$85,260.00
NB I-110:211+00	WB I-10:448+00	108	14	1,512	$45,360.00
WB I-10:448+00	WB I-10:447+00	105	14	1,470	$44,100.00
WB I-10:447+00	WB I-10:446+00	105	14	1,470	$44,100.00
WB I-10:446+00	WB I-10:445+00	104	14	1,456	$43,680.00
WB I-10:445+00	WB I-10:444+00	105	14	1,470	$44,100.00
WB I-10:444+00	WB I-10:443+00	104	14	1,456	$43,680.00
WB I-10:443+00	WB I-10:442+00	105	14	1,470	$44,100.00
WB I-10:442+00	WB I-10:441+00	105	12	1,260	$37,800.00
WB I-10:441+00	WB I-10:440+00	103	10	1,030	$30,900.00
WB I-10:240+00	WB I-10:238+00	198	12	2,376	$71,280.00
WB I-10:238+00	WB I-10:237+00	97	12	1,164	$34,920.00
WB I-10:237+00	WB I-10:235+00	198	12	2,376	$71,280.00

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10
Noise Analysis Area:	WB2

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
WB I-10:235+00	WB I-10:233+00	198	12	2,376	$71,280.00
WB I-10:233+00	WB I-10:232+00	98	12	1,176	$35,280.00
WB I-10:232+00	WB I-10:231+00	98	12	1,176	$35,280.00
WB I-10:231+00	WB I-10:229+00	199	12	2,388	$71,640.00
WB I-10:229+00	end	75	10	750	$22,500.00
WB I-10:229+00	WB I-10:226+00	300	14	4,200	$126,000.00
WB I-10:226+00	WB I-10:224+00	199	14	2,786	$83,580.00
WB I-10:224+00	WB I-10:222+00	198	14	2,772	$83,160.00
WB I-10:222+00	WB I-10:221+00	98	14	1,372	$41,160.00
WB I-10:221+00	WB I-10:220+00	96	14	1,344	$40,320.00
WB I-10:220+00	WB I-10:219+00	96	14	1,344	$40,320.00
WB I-10:219+00	WB I-10:218+00	96	14	1,344	$40,320.00
WB I-10:218+00	WB I-10:217+00	96	14	1,344	$40,320.00
WB I-10:217+00	WB I-10:215+00	150	14	2,100	$63,000.00
WB I-10:215+00	NB I-110:213+00	199	14	2,786	$83,580.00
NB I-110:213+00	NB I-110:211+00	200	14	2,800	$84,000.00
NB I-110:211+00	NB I-110:209+00	200	14	2,800	$84,000.00
NB I-110:209+00	NB I-110:207+00	200	14	2,800	$84,000.00
NB I-110:207+00	NB I-110:205+00	200	14	2,800	$84,000.00
NB I-110:205+00	NB I-110:203+00	200	14	2,800	$84,000.00
NB I-110:203+00	NB I-110:201+00	200	14	2,800	$84,000.00
NB I-110:201+00	end	200	14	2,800	$84,000.00
WB I-10:244+00	WB I-10:242+00	197	6	1,182	$35,460.00
WB I-10:242+00	end	197	10	1,970	$59,100.00



WB3 (1 of 1)

New Barriers Feasible and Reasonable

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB3
Background Sound Level:	45

Barrier Area	35,120
Total Length	2,621
Average Height	13
Unit Cost ($/ft.)	34
Total Cost	$1,194,080

Cost per benefited receptor	$24,369
Reasonable (CPBR)?	Yes

Total Impacted Receptors	35
Total Benefited Receptors	49
# of Impacted Receptors Receiving at Least 8 dB	22
Reasonable (NRDG)?	Yes

# of 1st row impacted receptors	7
# of 1st row impacted & benefited	7
Feasible?	Yes (100%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
1421 E Harrison St	1	B	Yes		67.5	67.5	67.7	67.8	4.8	4.8	Yes	Yes	1	No	0
1417 E Harrison St	1	B	Yes		67.4	67.4	67.7	67.8	4.7	4.7	Yes	Yes	1	No	0
1950 Carolina St	1	B	Yes		70.0	70.0	63.2	63.3	6.8	6.7	Yes	Yes	1	No	0
1936 Carolina St	1	B	Yes		71.3	71.3	63.2	63.3	8.1	8.0	Yes	Yes	1	Yes	1
1935 Missouri St	1	B	Yes		73.3	73.3	65.8	65.8	7.5	7.5	Yes	Yes	1	Yes	1
1864 Missouri St	1	B	Yes		75.4	75.4	65.9	65.9	9.5	9.5	Yes	Yes	1	Yes	1
1855 Virginia St	1	B	Yes		75.8	75.8	66.9	66.9	8.9	8.9	Yes	Yes	1	Yes	1
Knock Knock Childrens Museum (pirni	1	C	No		63.3	63.4	60.2	60.3	3.1	3.0	No	No	0	No	0
1965 Arkansas St	1	B	No		65.7	65.7	60.7	60.8	5.0	4.9	Yes	Yes	1	No	0
1955 Arkansas St	1	B	No		64.7	64.7	59.9	60.0	4.8	4.7	No	Yes	1	No	0
1925 Arkansas St	1	B	No		63.8	63.9	58.9	59.1	4.9	4.8	No	Yes	1	No	0
1921 Arkansas St	1	B	No		62.3	62.4	58.4	58.6	3.9	3.8	No	No	0	No	0
1915 Arkansas St	1	B	No		62.8	62.9	58.4	58.6	4.4	4.3	No	No	0	No	0
1901 Arkansas St	1	B	No		63.3	63.4	58.5	58.7	4.8	4.7	No	Yes	1	No	0
1966 Arkansas St	1	B	No		66.3	66.3	61.2	61.3	5.1	5.0	Yes	Yes	1	No	0
1956 Arkansas St	1	B	No		65.3	65.3	59.7	59.8	5.6	5.5	No	Yes	1	No	0
1920 Arkansas St	1	B	No		65.1	65.1	59.7	59.8	5.4	5.3	No	Yes	1	No	0
1854 Arkansas St	1	B	No		63.2	63.3	57.9	58.1	5.3	5.1	No	Yes	1	No	0
1842 Arkansas St	1	B	No		62.2	62.3	56.9	57.2	5.3	5.1	No	Yes	1	No	0
1861 Arkansas St	1	B	No		62.9	63.0	58.2	58.4	4.7	4.6	No	Yes	1	No	0
1933 Carolina St	1	B	No		68.1	68.1	61.6	61.7	6.5	6.4	Yes	Yes	1	No	0
1979 Carolina St	1	B	No		67.6	67.6	61.2	61.3	6.4	6.3	Yes	Yes	1	No	0
1975 Carolina St	1	B	No		67.2	67.2	60.9	61.0	6.3	6.2	Yes	Yes	1	No	0
1913 Carolina St	1	B	No		66.8	66.8	60.8	60.9	6.0	5.9	Yes	Yes	1	No	0
1873 Carolina St	1	B	No		67.2	67.2	60.2	60.3	7.0	6.9	Yes	Yes	1	No	0
1867 Carolina St	1	B	No		66.5	66.5	59.5	59.7	7.0	6.9	Yes	Yes	1	No	0
1855 Carolina St	1	B	No		65.2	65.2	58.2	58.4	7.0	6.8	No	Yes	1	No	0
1843 Carolina St	1	B	No		64.4	64.4	57.4	57.6	7.0	6.8	No	Yes	1	No	0
1819 Carolina St	1	B	No		63.0	63.1	56.8	57.1	6.2	6.0	No	Yes	1	No	0
1930 Carolina St	1	B	No		71.2	71.2	63.2	63.3	8.0	7.9	Yes	Yes	1	Yes	1
1922 Carolina St	1	B	No		70.8	70.8	62.9	63.0	7.9	7.8	Yes	Yes	1	Yes	1
1918 Carolina St	1	B	No		70.7	70.7	62.7	62.8	8.0	7.9	Yes	Yes	1	Yes	1
1860 Carolina St	1	B	No		68.4	68.4	61.3	61.4	7.1	7.0	Yes	Yes	1	No	0
1844 Carolina St	1	B	No		67.3	67.3	59.2	59.4	8.1	8.0	Yes	Yes	1	Yes	1
1840 Carolina St	1	B	No		67.0	67.0	58.8	59.0	8.2	8.0	Yes	Yes	1	Yes	1
1828 Carolina St	1	B	No		66.2	66.2	58.9	59.1	7.3	7.2	Yes	Yes	1	No	0
1822 Carolina St	1	B	No		65.4	65.4	58.6	58.8	6.8	6.7	No	Yes	1	No	0
1430 E Washington St	1	B	No		64.5	64.5	58.3	58.5	6.2	6.0	No	Yes	1	No	0
1428 E Washington St	1	B	No		65.2	65.2	58.6	58.8	6.6	6.5	No	Yes	1	No	0
Ebenezer Bapt Ch (no ext use)	1	D	No		47.1	49.2	38.0	45.8	9.1	3.4	No	No	0	No	0
1853 Missouri St	1	B	No		70.4	70.4	61.4	61.5	9.0	8.9	Yes	Yes	1	Yes	1
1843 Missouri St	1	B	No		70.3	70.3	61.6	61.7	8.7	8.6	Yes	Yes	1	Yes	1
1835 Missouri St	1	B	No		69.6	69.6	60.4	60.5	9.2	9.1	Yes	Yes	1	Yes	1
1815/1817 Missouri St	2	B	No		67.7	67.7	60.0	60.1	7.7	7.6	Yes	Yes	2	Yes	2
1860 Missouri St	1	B	No		74.5	74.5	64.1	64.2	10.4	10.4	Yes	Yes	1	Yes	1
1856 Missouri St	1	B	No		73.2	73.2	63.2	63.3	10.0	9.9	Yes	Yes	1	Yes	1
1852 Missouri St	1	B	No		72.8	72.8	62.9	63.0	9.9	9.8	Yes	Yes	1	Yes	1
1824 Missouri St	1	B	No		69.9	69.9	60.5	60.6	9.4	9.3	Yes	Yes	1	Yes	1
1326 E Washington St	1	B	No		68.4	68.4	60.4	60.5	8.0	7.9	Yes	Yes	1	Yes	1
1835 Virginia St	1	B	No		72.6	72.6	63.9	64.0	8.7	8.7	Yes	Yes	1	Yes	1
1821/1823 Virginia St	2	B	No		71.0	71.0	62.3	62.4	8.7	8.6	Yes	Yes	2	Yes	2

Project:	**LaDOTD, I-10 (LA 415 to Essen Lane on I-10**
Noise Analysis Area:	**WB3**

Barrier Area	35,120
Total Length	2621
Average Height	13.4
Unit Cost ($/ft^2)	$34
Total Cost	$1,194,080.00
Number of Benefited Residences	49
Cost per benefited receptor	**$24,368.98**
Reasonable (CPBR)?	Yes

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
Ramp:252+40	Ramp:252+00	45	10	450	$15,300.00
Ramp:252+00	end	55	10	550	$18,700.00
Ramp:251+40	Ramp:251+00	45	10	450	$15,300.00
Ramp:251+00	Ramp:250+00	100	10	1,000	$34,000.00
Ramp:250+00	Ramp:248+00	199	14	2,786	$94,724.00
Ramp:248+00	end	99	12	1,188	$40,392.00
WB I-10:250+00	WB I-10:248+00	197	14	2,758	$93,772.00
WB I-10:248+00	WB I-10:246+00	197	14	2,758	$93,772.00
WB I-10:246+00	WB I-10:244+00	197	14	2,758	$93,772.00
WB I-10:244+00	WB I-10:242+00	197	14	2,758	$93,772.00
WB I-10:242+00	end	197	14	2,758	$93,772.00
WB I-10:260+55	WB I-10:260+00	56	14	784	$26,656.00
WB I-10:260+00	WB I-10:258+00	198	14	2,772	$94,248.00
WB I-10:258+00	WB I-10:256+00	197	14	2,758	$93,772.00
WB I-10:256+00	WB I-10:254+00	198	14	2,772	$94,248.00
WB I-10:254+00	WB I-10:252+00	197	14	2,758	$93,772.00
WB I-10:252+00	end	49	14	686	$23,324.00
WB I-10:240+00	WB I-10:238+00	198	12	2,376	$80,784.00



WB4a (1 of 1)

New Barrier Feasible and Reasonable

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB4a
Background Sound Level:	45

Barrier Area	25,214
Total Length	1,985
Average Height	13
Unit Cost ($/ft²)	36
Total Cost	907,704

Cost per benefited receptor	34,912
Reasonable (CPBR)?	Yes

Total Impacted Receptors	29
Total Benefited Receptors	26
# of Impacted Receptors Receiving at Least 8 dB	11
Reasonable (NRDG)?	Yes

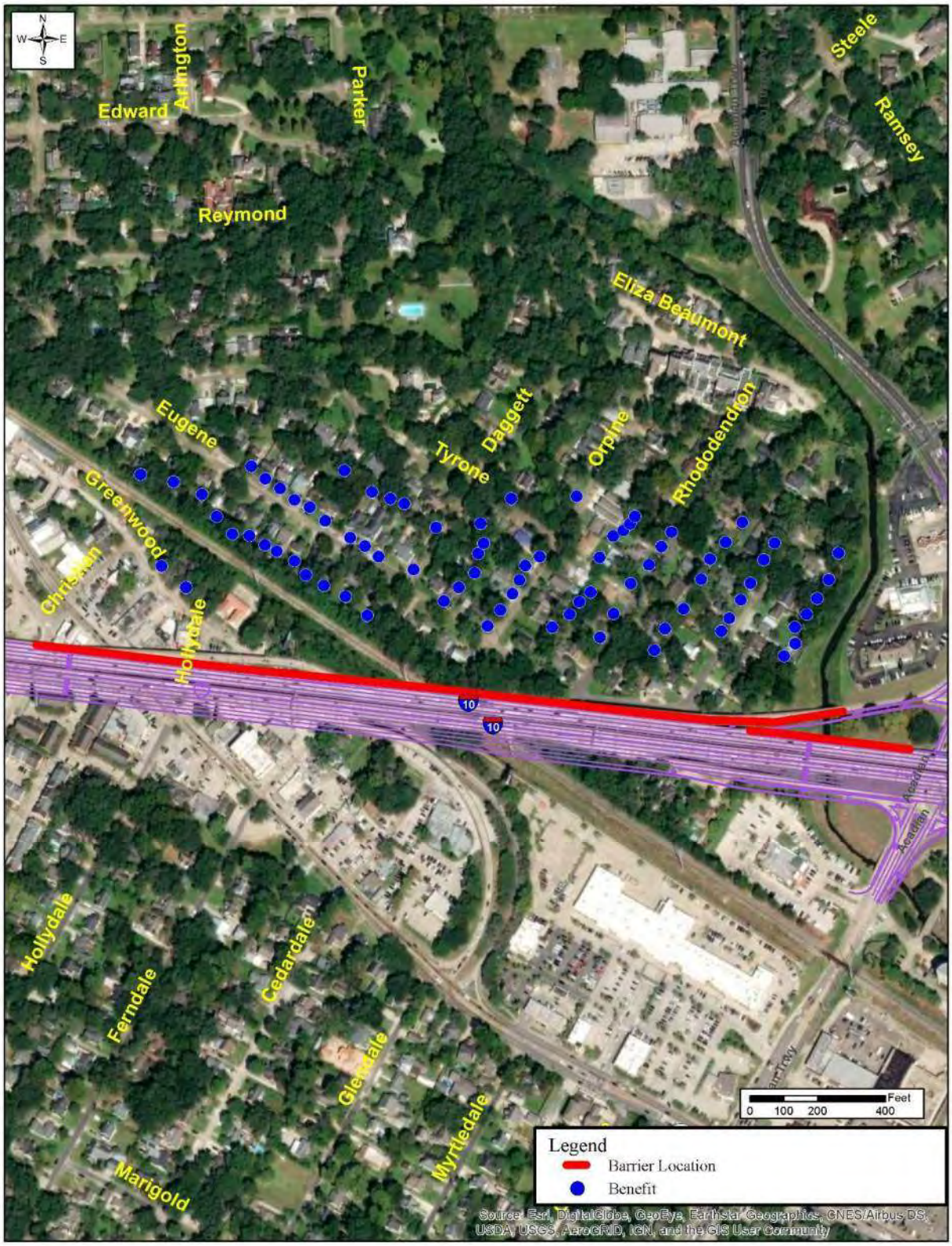
# of 1st row impacted receptors	12
# of 1st row impacted & benefited	11
Feasible?	Yes (91.7%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
Divics (patio)	1	E	Yes	80	68.0	71.6	67.8	71.5	0.2	0.1	Yes	No	0	No	0
2261 Elissalde St	1	B	Yes		72.3	72.3	64.5	64.5	7.8	7.8	Yes	Yes	1	Yes	1
2440 Baywood Ave	1	B	Yes		72.2	72.2	63.4	63.5	8.8	8.7	Yes	Yes	1	Yes	1
2424 Baywood Ave	1	B	Yes		74.0	74.0	64.4	64.4	9.6	9.6	Yes	Yes	1	Yes	1
2266 Ebony Ave	1	B	Yes		74.8	74.8	64.6	64.6	10.2	10.2	Yes	Yes	1	Yes	1
2398 Baywood Ave	1	B	Yes		75.6	75.6	64.8	64.8	10.8	10.8	Yes	Yes	1	Yes	1
2378 Baywood Ave	1	B	Yes		75.0	75.0	65.4	65.4	9.6	9.6	Yes	Yes	1	Yes	1
2358 Baywood Ave	1	B	Yes		75.9	75.9	66.6	66.6	9.3	9.3	Yes	Yes	1	Yes	1
2344 Baywood Ave	1	B	Yes		76.9	76.9	67.2	67.2	9.7	9.7	Yes	Yes	1	Yes	1
2280 Baywood Ave	1	B	Yes		77.2	77.2	66.8	66.8	10.4	10.4	Yes	Yes	1	Yes	1
2315 Cottonwood Ave	1	B	Yes		74.3	74.3	66.1	66.1	8.2	8.2	Yes	Yes	1	Yes	1
2215 E Lakeshore Dr	1	B	Yes		75.2	75.2	67.9	67.9	7.3	7.3	Yes	Yes	1	No	0
2285 Elissalde St	1	B	No		71.6	71.6	64.3	64.4	7.3	7.3	Yes	Yes	1	No	0
2278 Elissalde St	1	B	No		71.6	71.6	64.1	64.2	7.5	7.5	Yes	Yes	1	Yes	1
2295 Elissalde St	1	B	No		68.6	68.6	63.1	63.2	5.5	5.5	Yes	Yes	1	No	0
2472 Baywood Ave	1	B	No		70.9	70.9	63.8	63.9	7.1	7.1	Yes	Yes	1	No	0
2448 Baywood Ave	1	B	No		68.5	68.5	63.5	63.6	5.0	5.0	Yes	Yes	1	No	0
2559 Hillsdale Dr	1	B	No		64.2	64.3	62.4	62.5	1.8	1.8	No	No	0	No	0
2549 Hillsdale Dr	1	B	No		64.9	64.9	61.9	62.0	3.0	3.0	No	No	0	No	0
2515 Hillsdale Dr	1	B	No		64.9	64.9	61.4	61.5	3.5	3.4	No	No	0	No	0
2469 Hillsdale Dr	1	B	No		64.3	64.4	61.6	61.7	2.7	2.7	No	No	0	No	0
2459 Hillsdale Dr	1	B	No		63.7	63.8	61.5	61.6	2.2	2.2	No	No	0	No	0
2460 Dogwood Ave	1	B	No		67.9	67.9	63.4	63.5	4.5	4.5	Yes	Yes	1	No	0
2448 Dogwood Ave	1	B	No		68.2	68.2	63.1	63.2	5.1	5.1	Yes	Yes	1	No	0
2436 Dogwood Dr	1	B	No		68.4	68.4	63.2	63.3	5.2	5.2	Yes	Yes	1	No	0
2424 Dogwood Dr	1	B	No		68.9	68.9	63.4	63.5	5.5	5.5	Yes	Yes	1	No	0
2330 Ebony Ave	1	B	No		69.2	69.2	63.7	63.8	5.5	5.5	Yes	Yes	1	No	0
2313 Ebony Ave	1	B	No		69.4	69.4	63.2	63.3	6.2	6.2	Yes	Yes	1	No	0
2373 Baywood Dr	1	B	No		69.6	69.6	64.3	64.4	5.3	5.3	Yes	Yes	1	No	0
2367 Baywood Dr	1	B	No		69.4	69.4	63.5	63.6	5.9	5.9	Yes	Yes	1	No	0
2335 Baywood Dr	1	B	No		70.0	70.0	63.7	63.8	6.3	6.3	Yes	Yes	1	No	0
2312 Cottonwood Ave	1	B	No		70.9	70.9	64.1	64.2	6.8	6.8	Yes	Yes	1	No	0
2455 Dogwood Ave	1	B	No		64.2	64.3	61.5	61.6	2.7	2.7	No	No	0	No	0
2439 Dogwood Ave	1	B	No		63.7	63.8	61.1	61.2	2.6	2.6	No	No	0	No	0
2421 Dogwood Ave	1	B	No		63.9	64.0	61.2	61.3	2.7	2.7	No	No	0	No	0
2415 Dogwood Ave	1	B	No		63.3	63.4	60.6	60.7	2.7	2.6	No	No	0	No	0
2368 Dogwood Ave	1	B	No		64.7	64.7	61.6	61.7	3.1	3.1	No	No	0	No	0
2346 Dogwood Ave	1	B	No		64.9	64.9	61.6	61.7	3.3	3.3	No	No	0	No	0
2324 Dogwood Ave	1	B	No		64.8	64.8	61.5	61.6	3.3	3.2	No	No	0	No	0
2312 Dogwood Ave	1	B	No		65.0	65.0	61.4	61.5	3.6	3.5	No	No	0	No	0
2409 Ebony Ave	1	B	No		63.4	63.5	60.7	60.8	2.7	2.6	No	No	0	No	0
2355 Dogwood Ave	1	B	No		62.1	62.2	60.1	60.2	2.0	2.0	No	No	0	No	0
2345 Dogwood Ave	1	B	No		61.6	61.7	60.0	60.1	1.6	1.6	No	No	0	No	0
2323 Dogwood Ave	1	B	No		61.6	61.7	60.1	60.2	1.5	1.5	No	No	0	No	0
2424 Dogwood Ave	1	B	No		61.8	61.9	60.1	60.2	1.7	1.7	No	No	0	No	0
2496 Dogwood Ave	1	B	No		59.9	60.0	58.6	58.8	1.3	1.3	No	No	0	No	0
2355 Cottonwood Ave	1	B	No		67.3	67.3	63.5	63.6	3.8	3.8	Yes	No	0	No	0
2387 Cottonwood Ave	1	B	No		63.3	63.4	61.7	61.8	1.6	1.6	No	No	0	No	0
2425 Cottonwood Ave	1	B	No		61.8	61.9	61.0	61.1	0.8	0.8	No	No	0	No	0
2435 Cottonwood Ave	1	B	No		61.6	61.7	60.8	60.9	0.8	0.8	No	No	0	No	0
2445 Cottonwood Ave	1	B	No		60.7	60.8	59.9	60.0	0.8	0.8	No	No	0	No	0
2151 E Lakeshore Dr	1	B	No		65.9	65.9	64.7	64.7	1.2	1.2	Yes	No	0	No	0
2147E Lakeshore Dr	1	B	No		62.3	62.4	61.8	61.9	0.5	0.5	No	No	0	No	0
2129E Lakeshore Dr	1	B	No		61.7	61.8	61.3	61.4	0.4	0.4	No	No	0	No	0
2121 E Lakeshore Dr	1	B	No		61.4	61.5	61.0	61.1	0.4	0.4	No	No	0	No	0

Project:	**LaDOTD, I-10 (LA 415 to Essen Lane on I-10**
Noise Analysis Area:	**WB4a**

Barrier Area	25,214
Total Length	1985
Average Height	12.7
Unit Cost ($/ft^2)	$36
Total Cost	$907,704.00
Number of Benefited Residences	26
Cost per benefited receptor	**$34,911.69**
Reasonable (CPBR)?	Yes

From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
WB I-10:290+00	WB I-10:289+00	100	8	800	$28,800.00
WB I-10:289+00	WB I-10:288+00	100	10	1,000	$36,000.00
WB I-10:288+00	WB I-10:287+00	100	12	1,200	$43,200.00
WB I-10:287+00	WB I-10:286+00	100	14	1,400	$50,400.00
WB I-10:286+00	WB I-10:285+00	100	14	1,400	$50,400.00
WB I-10:285+00	WB I-10:284+00	100	14	1,400	$50,400.00
WB I-10:284+00	WB I-10:283+00	100	14	1,400	$50,400.00
WB I-10:283+00	WB I-10:282+00	99	14	1,386	$49,896.00
WB I-10:282+00	WB I-10:281+00	99	14	1,386	$49,896.00
WB I-10:281+00	WB I-10:280+00	99	14	1,386	$49,896.00
WB I-10:280+00	WB I-10:279+00	99	14	1,386	$49,896.00
WB I-10:279+00	WB I-10:278+00	99	14	1,386	$49,896.00
WB I-10:278+00	WB I-10:277+00	99	14	1,386	$49,896.00
WB I-10:277+00	WB I-10:276+00	99	14	1,386	$49,896.00
WB I-10:276+00	WB I-10:275+00	99	14	1,386	$49,896.00
WB I-10:275+00	WB I-10:274+00	99	14	1,386	$49,896.00
WB I-10:274+00	WB I-10:273+00	99	12	1,188	$42,768.00
WB I-10:273+00	WB I-10:272+00	99	12	1,188	$42,768.00
WB I-10:272+00	WB I-10:271+00	98	10	980	$35,280.00
WB I-10:271+00	end	98	8	784	$28,224.00



WB4b (1 of 1)

Barrier Not Feasible

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB4b
Background Sound Level:	45

Barrier Area	40,194
Total Length	2,871
Average Height	14
Unit Cost ($/ft.)	33
Total Cost	1,326,402

# of 1st row impacted receptors	22
# of 1st row impacted & benefited	0
Feasible?	No (0%)

Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
2515 Honeysuckle Ave	1	B	Yes	100	66.8	70.3	60.7	68.5	6.1	1.8	Yes	No	0	No	0
2536 Honeysuckle Ave	1	B	Yes	61	60.1	71.3	57.2	71.1	2.9	0.2	Yes	No	0	No	0
2525 Rhododendron Ave	1	B	Yes	106	62.3	68.8	57.7	68.1	4.6	0.7	Yes	No	0	No	0
2586 Rhododendron Ave	1	B	Yes	73	60.5	71.3	57.3	71.1	3.2	0.2	Yes	No	0	No	0
3333 S Eugene St	1	B	Yes	120	62.0	68.8	57.1	68.1	4.9	0.7	Yes	No	0	No	0
3154 S Eugene St	1	B	Yes	29	58.3	73.4	56.2	73.4	2.1	0.1	Yes	No	0	No	0
3144 S Eugene St	1	B	Yes	58	60.4	71.3	57.5	71.1	2.9	0.2	Yes	No	0	No	0
3137 S Eugene St	1	B	Yes	81	62.4	70.0	58.3	69.5	4.1	0.5	Yes	No	0	No	0
3178 S Eugene St	1	B	Yes	98	63.1	70.1	58.9	69.5	4.2	0.6	Yes	No	0	No	0
3172 S Eugene St	1	B	Yes	125	64.5	68.6	59.0	67.2	5.5	1.4	Yes	No	0	No	0
3124 S Eugene St	1	B	Yes	190	65.3	65.3	58.6	58.8	6.7	6.6	No	Yes	1	No	0
3114 S Eugene St	1	B	Yes	241	65.2	65.2	58.2	58.4	7.0	6.8	No	Yes	1	No	0
3047 Greenwood Dr	1	B	Yes	55	61.6	71.4	58.0	71.1	3.6	0.3	Yes	No	0	No	0
3035 Greenwood Dr	1	B	Yes	72	64.0	71.7	58.3	71.1	5.7	0.6	Yes	No	0	No	0
3015 Greenwood Dr	1	B	Yes	87	65.4	70.7	58.4	69.5	7.0	1.2	Yes	No	0	No	0
Madera Verde Apts (courtyard)	8	B	Yes	131	66.3	69.4	58.9	67.2	7.4	2.2	Yes	No	0	No	0
City Park (patio)	1	E	Yes	29	61.1	73.6	59.3	73.5	1.8	0.1	Yes	No	0	No	0
2465 Honeysuckle Ave	1	B	No	150	67.2	69.5	61.3	67.0	5.9	2.5	Yes	No	0	No	0
2471 Honeysuckle Ave	1	B	No		67.1	67.1	61.7	61.8	5.4	5.3	Yes	Yes	1	No	0
2457 Honeysuckle Ave	1	B	No		66.4	66.4	61.1	61.2	5.3	5.2	Yes	Yes	1	No	0
2451 Honeysuckle Ave	1	B	No		65.7	65.7	60.4	60.5	5.3	5.2	Yes	Yes	1	No	0
2435 Honeysuckle Ave	1	B	No		65.4	65.4	59.9	60.0	5.5	5.4	No	Yes	1	No	0
2427 Honeysuckle Ave	1	B	No		64.9	64.9	59.8	59.9	5.1	5.0	No	Yes	1	No	0
2413 Honeysuckle Ave	1	B	No		64.3	64.4	59.6	59.7	4.7	4.6	No	Yes	1	No	0
2377 Honeysuckle Ave	1	B	No		63.6	63.7	59.0	59.2	4.6	4.5	No	Yes	1	No	0
2520 Honeysuckle Ave	1	B	No	118	63.1	69.0	59.0	68.3	4.1	0.7	Yes	No	0	No	0
2512 Honeysuckle Ave	1	B	No	162	64.8	68.2	59.4	66.6	5.4	1.7	Yes	No	0	No	0
2478 Honeysuckle Ave	1	B	No		65.2	65.2	59.6	59.7	5.6	5.5	No	Yes	1	No	0
2464 Honeysuckle Ave	1	B	No		64.8	64.8	58.9	59.1	5.9	5.8	No	Yes	1	No	0
2452 Honeysuckle Ave	1	B	No		64.2	64.3	58.5	58.7	5.7	5.6	No	Yes	1	No	0
2434 Honeysuckle Ave	1	B	No		64.0	64.1	58.2	58.4	5.8	5.7	No	Yes	1	No	0
2428 Honeysuckle Ave	1	B	No		63.5	63.6	58.5	58.7	5.0	4.9	No	Yes	1	No	0
2412 Honeysuckle Ave	1	B	No		63.1	63.2	58.1	58.3	5.0	4.9	No	Yes	1	No	0
2521 Rhododendron Ave	1	B	No	188	64.4	64.4	58.3	58.5	6.1	6.0	No	Yes	1	No	0
2519 Rhododendron Ave	1	B	No		64.7	64.7	58.2	58.4	6.5	6.3	No	Yes	1	No	0
2483 Rhododendron Ave	1	B	No		64.4	64.4	58.0	58.2	6.4	6.2	No	Yes	1	No	0
2479 Rhododendron Ave	1	B	No		63.5	63.6	57.3	57.5	6.2	6.0	No	Yes	1	No	0
2475 Rhododendron Ave	1	B	No		62.8	62.9	56.9	57.2	5.9	5.7	No	Yes	1	No	0
2461 Rhododendron Ave	1	B	No		62.7	62.8	57.0	57.3	5.7	5.5	No	Yes	1	No	0
2433 Rhododendron Ave	1	B	No		62.4	62.5	56.7	57.0	5.7	5.5	No	Yes	1	No	0
2558 Rhododendron Ave	1	B	No	127	62.3	67.9	58.1	67.1	4.2	0.8	Yes	No	0	No	0
2557 Rhododendron Ave	1	B	No	162	64.2	68.0	57.3	66.2	6.9	1.8	Yes	No	0	No	0
2540 Rhododendron Ave	1	B	No		64.1	64.2	57.3	57.5	6.8	6.6	No	Yes	1	No	0
2520 Rhododendron Ave	1	B	No		64.0	64.1	57.1	57.4	6.9	6.7	No	Yes	1	No	0
2484 Rhododendron Ave	1	B	No		63.3	63.4	56.5	56.8	6.8	6.6	No	Yes	1	No	0
2467 Rhododendron Ave	1	B	No		62.9	63.0	56.6	56.9	6.3	6.1	No	Yes	1	No	0
2450 Rhododendron Ave	1	B	No		62.5	62.6	56.0	56.3	6.5	6.2	No	Yes	1	No	0
2444 Rhododendron Ave	1	B	No		62.3	62.4	55.9	56.2	6.4	6.1	No	Yes	1	No	0
2437 Orpine Ave	1	B	No		64.2	64.3	58.1	58.3	6.1	5.9	No	Yes	1	No	0
2475 Orpine Ave	1	B	No		64.3	64.4	57.8	58.0	6.5	6.3	No	Yes	1	No	0
2415 Orpine Ave	1	B	No		64.1	64.2	57.4	57.6	6.7	6.5	No	Yes	1	No	0
2405 Orpine Ave	1	B	No		63.7	63.8	57.1	57.4	6.6	6.4	No	Yes	1	No	0
2373 Orpine Ave	1	B	No		62.7	62.8	56.3	56.6	6.4	6.2	No	Yes	1	No	0
2363 Orpine Ave	1	B	No		62.2	62.3	56.1	56.4	6.1	5.9	No	Yes	1	No	0
2357 Orpine Ave	1	B	No		62.1	62.2	55.4	55.8	6.7	6.4	No	Yes	1	No	0
2353 Orpine Ave	1	B	No		62.0	62.1	55.3	55.7	6.7	6.4	No	Yes	1	No	0
2347 Orpine Ave	1	B	No		62.0	62.1	55.5	55.9	6.5	6.2	No	Yes	1	No	0
3177 S Eugene St	1	B	No		64.7	64.7	57.9	58.1	6.8	6.6	No	Yes	1	No	0
2478 Orpine Ave	1	B	No		64.7	64.7	57.3	57.5	7.4	7.2	No	Yes	1	No	0
2438 Orpine Ave	1	B	No		64.3	64.4	57.6	57.8	6.7	6.5	No	Yes	1	No	0
2446 Orpine Ave	1	B	No		63.7	63.8	56.7	57.0	7.0	6.8	No	Yes	1	No	0
2466 Orpine Ave	1	B	No		63.5	63.6	56.4	56.7	7.1	6.9	No	Yes	1	No	0
3066 Tyrone Dr	1	B	No		63.3	63.4	56.4	56.7	6.9	6.7	No	Yes	1	No	0
2348 Orpine Ave	1	B	No		61.6	61.7	54.9	55.3	6.7	6.4	No	Yes	1	No	0
2473 Daggett Ave	1	B	No		64.4	64.4	58.6	58.8	5.8	5.7	No	Yes	1	No	0

Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10 and I-12)
Noise Analysis Area:	WB4b
Background Sound Level:	45

Barrier Area	40,194
Total Length	2,871
Average Height	14
Unit Cost ($/ft.)	33
Total Cost	1,326,402

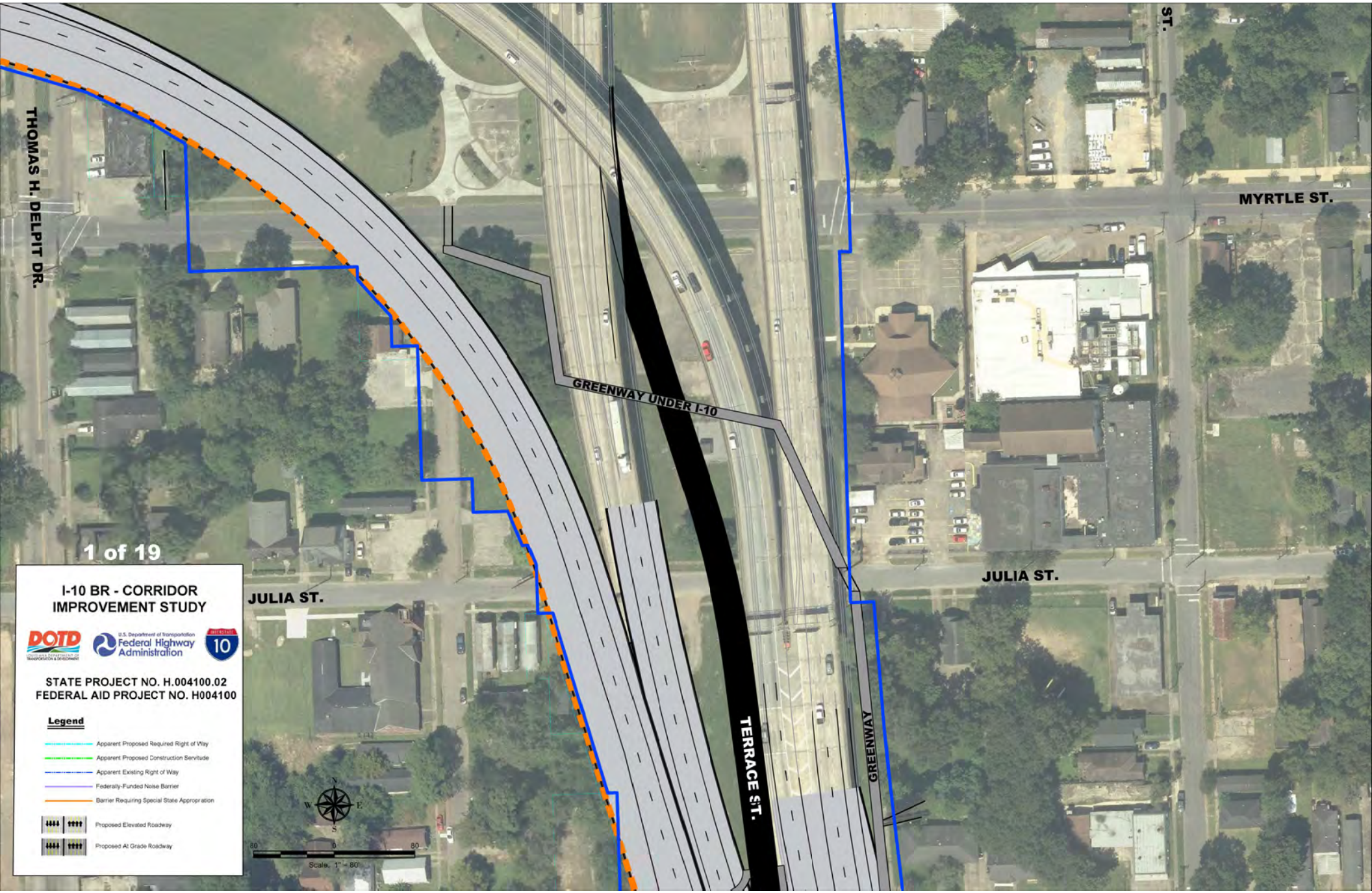
# of 1st row impacted receptors	22
# of 1st row impacted & benefited	0
Feasible?	No (0%)

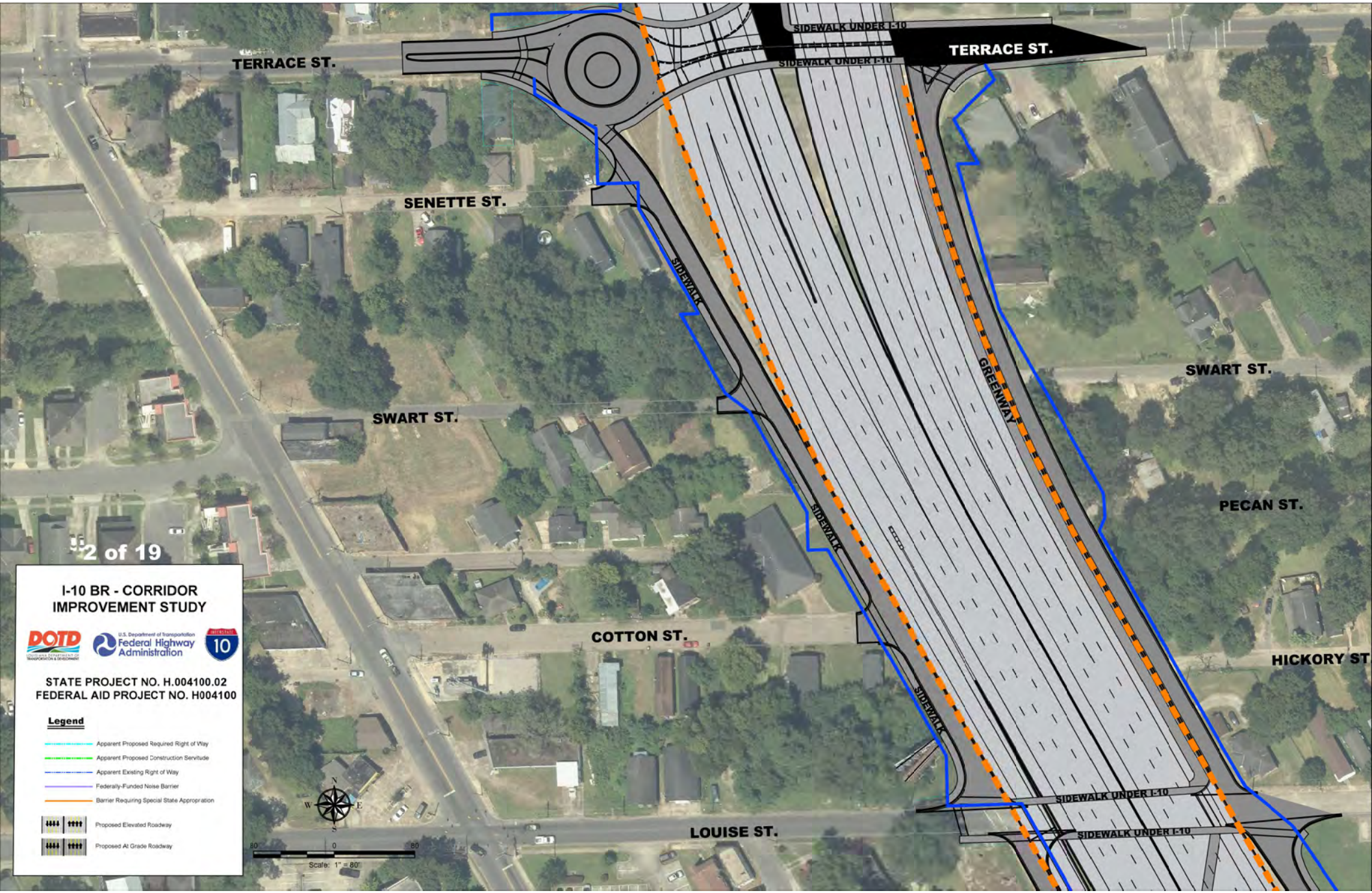
Receiver	Number of Receptors	FHWA Activity Category	1st row? (Yes/No)	Distance to Bridge Deck	No Barrier L_{eq} (dBA)		With Barrier L_{eq} (dBA)		IL (dBA)		Impacted? (Yes/No)	Benefited?	Number of Benefited Receptors	NRDG	
					Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise	Without Background & Deck Noise	With Background & Deck Noise				Impacted and Receiving 8 dB IL?	Number Receiving 8 dB
2461 Daggett Ave	1	B	No		63.3	63.4	56.3	56.6	7.0	6.8	No	Yes	1	No	0
2449 Daggett Ave	1	B	No		63.4	63.5	56.5	56.8	6.9	6.7	No	Yes	1	No	0
2437 Daggett Ave	1	B	No		62.8	62.9	56.0	56.3	6.8	6.5	No	Yes	1	No	0
2425 Daggett Ave	1	B	No		62.6	62.7	55.7	56.1	6.9	6.6	No	Yes	1	No	0
3224 Tyrone Dr	1	B	No		57.7	57.9	51.6	52.5	6.1	5.5	No	Yes	1	No	0
2363 Daggett Ave	1	B	No		61.9	62.0	55.1	56.4	5.8	5.6	No	Yes	1	No	0
2460 Daggett Ave	1	B	No		63.7	63.8	56.8	57.1	6.9	6.7	No	Yes	1	No	0
3166 Tyrone Dr	1	B	No		62.2	62.3	55.1	55.5	7.1	6.8	No	Yes	1	No	C
3108 S Eugene St	1	B	No		65.0	65.0	58.2	58.4	6.8	6.6	No	Yes	1	No	C
3084 S Eugene St	1	B	No		64.6	64.6	59.5	59.7	5.1	5.0	No	Yes	1	No	C
3076 S Eugene St	1	B	No		64.5	64.5	57.9	58.1	6.6	6.4	No	Yes	1	No	C
3054 S Eugene St	1	B	No		64.3	64.4	57.7	57.9	6.6	6.4	No	Yes	1	No	C
3040 S Eugene St	1	B	No		64.5	64.5	58.1	58.3	6.4	6.2	No	Yes	1	No	C
3024 S Eugene St	1	B	No		64.3	64.4	58.0	58.2	6.3	6.1	No	Yes	1	No	C
2956 S Eugene St	1	B	No		64.4	64.4	58.1	58.3	6.3	6.1	No	Yes	1	No	C
2948 S Eugene St	1	B	No		64.0	64.1	57.9	58.1	6.1	5.9	No	Yes	1	No	C
2932 S Eugene St	1	B	No		63.6	63.7	57.9	58.1	5.7	5.5	No	Yes	1	No	C
2924 S Eugene St	1	B	No		63.3	63.4	58.1	58.3	5.2	5.1	No	Yes	1	No	C
2920 S Eugene St	1	B	No		63.1	63.2	58.5	58.7	4.6	4.5	No	Yes	1	No	C
2916 S Eugene St	1	B	No		62.7	62.8	58.4	58.6	4.3	4.2	No	No	0	No	0
3121 S Eugene St	1	B	No		63.5	63.6	57.0	57.3	6.5	6.3	No	Yes	1	No	C
3113 S Eugene St	1	B	No		63.3	63.4	56.5	56.8	6.8	6.6	No	Yes	1	No	C
3105 S Eugene St	1	B	No		63.2	63.3	56.3	56.6	6.9	6.7	No	Yes	1	No	C
3079 S Eugene St	1	B	No		63.0	63.1	55.9	56.2	7.1	6.8	No	Yes	1	No	C
3057 S Eugene St	1	B	No		63.0	63.1	56.9	57.2	6.1	5.9	No	Yes	1	No	C
3041 S Eugene St	1	B	No		62.9	63.0	55.9	56.2	7.0	6.7	No	Yes	1	No	C
3027 S Eugene St	1	B	No		62.6	62.7	55.7	56.1	6.9	6.6	No	Yes	1	No	C
2967 S Eugene St	1	B	No		62.6	62.7	55.8	56.1	6.8	6.5	No	Yes	1	No	C
2957 S Eugene St	1	B	No		62.2	62.3	55.8	56.1	6.4	6.1	No	Yes	1	No	C
3144 Tyrone Dr	1	B	No		62.3	62.4	55.0	55.4	7.3	7.0	No	Yes	1	No	C
3128 Tyrone Dr	1	B	No		62.5	62.6	55.3	55.7	7.2	6.9	No	Yes	1	No	C
3124 Tyrone Dr	1	B	No		62.3	62.4	55.1	55.5	7.2	6.9	No	Yes	1	No	C
3120 Tyrone Dr	1	B	No		61.9	62.0	54.8	55.2	7.1	6.8	No	Yes	1	No	C
2947 Greenwood Dr	1	B	No		66.6	66.6	61.0	61.1	5.6	5.5	Yes	Yes	1	No	C
2937/2941 Greenwood Dr	2	B	No		66.1	66.1	59.6	59.7	6.5	6.4	Yes	Yes	2	No	C
Digiulio Bros (patio)	1	B	No		67.7	67.7	64.0	64.1	3.7	3.7	Yes	No	0	No	0
3057 S Eugene St	1	B	No		63.1	63.2	56.8	57.1	6.3	6.1	No	Yes	1	No	C
3041 S Eugene St	1	B	No		63.0	63.1	55.6	56.0	7.4	7.1	No	Yes	1	No	C
3027 S Eugene St	1	B	No		62.7	62.8	55.4	55.8	7.3	7.0	No	Yes	1	No	C
2967 S Eugene St	1	B	No		62.6	62.7	55.4	55.8	7.2	6.9	No	Yes	1	No	0
2957 S Eugene St	1	B	No		62.2	62.3	55.3	55.7	6.9	6.6	No	Yes	1	No	0
3144 Tyrone Dr	1	B	No		62.4	62.5	55.0	55.4	7.4	7.1	No	Yes	1	No	0
3128 Tyrone Dr	1	B	No		62.6	62.7	55.2	55.6	7.4	7.1	No	Yes	1	No	0
3124 Tyrone Dr	1	B	No		62.3	62.4	54.9	55.3	7.4	7.1	No	Yes	1	No	0
3120 Tyrone Dr	1	B	No		61.9	62.0	54.6	55.1	7.3	6.9	No	Yes	1	No	0
2947 Greenwood Dr	1	B	No		66.6	66.6	60.7	60.8	5.9	5.8	Yes	Yes	1	No	0
2937/2941 Greenwood Dr	2	B	No		66.4	66.4	59.6	59.7	6.8	6.7	Yes	Yes	2	No	0
Digiulio Bros (patio)	1	E	No		67.8	67.8	63.4	63.5	4.4	4.4	No	No	0	No	0

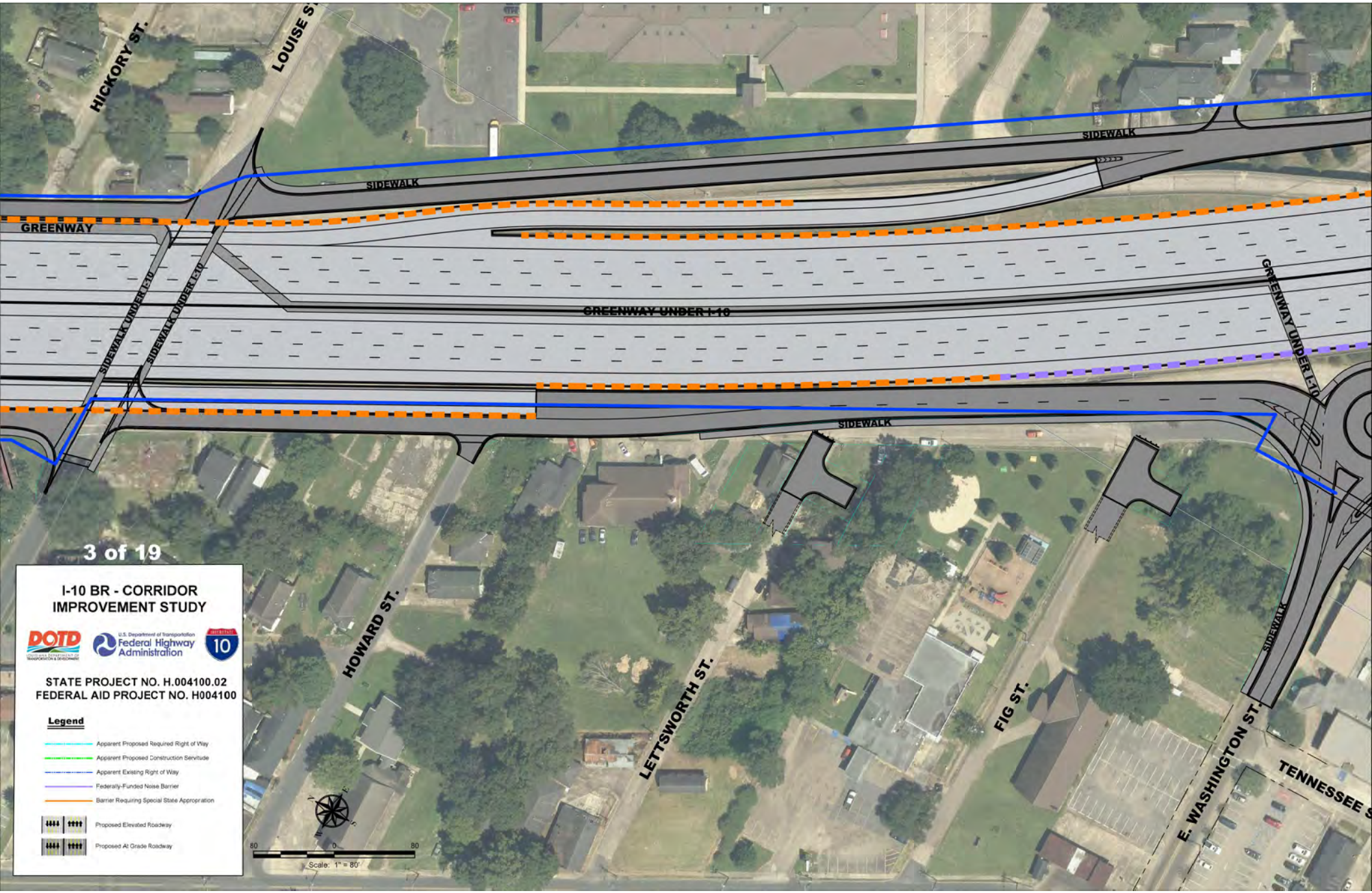
Project:	LaDOTD, I-10 (LA 415 to Essen Lane on I-10
Noise Analysis Area:	WB4b

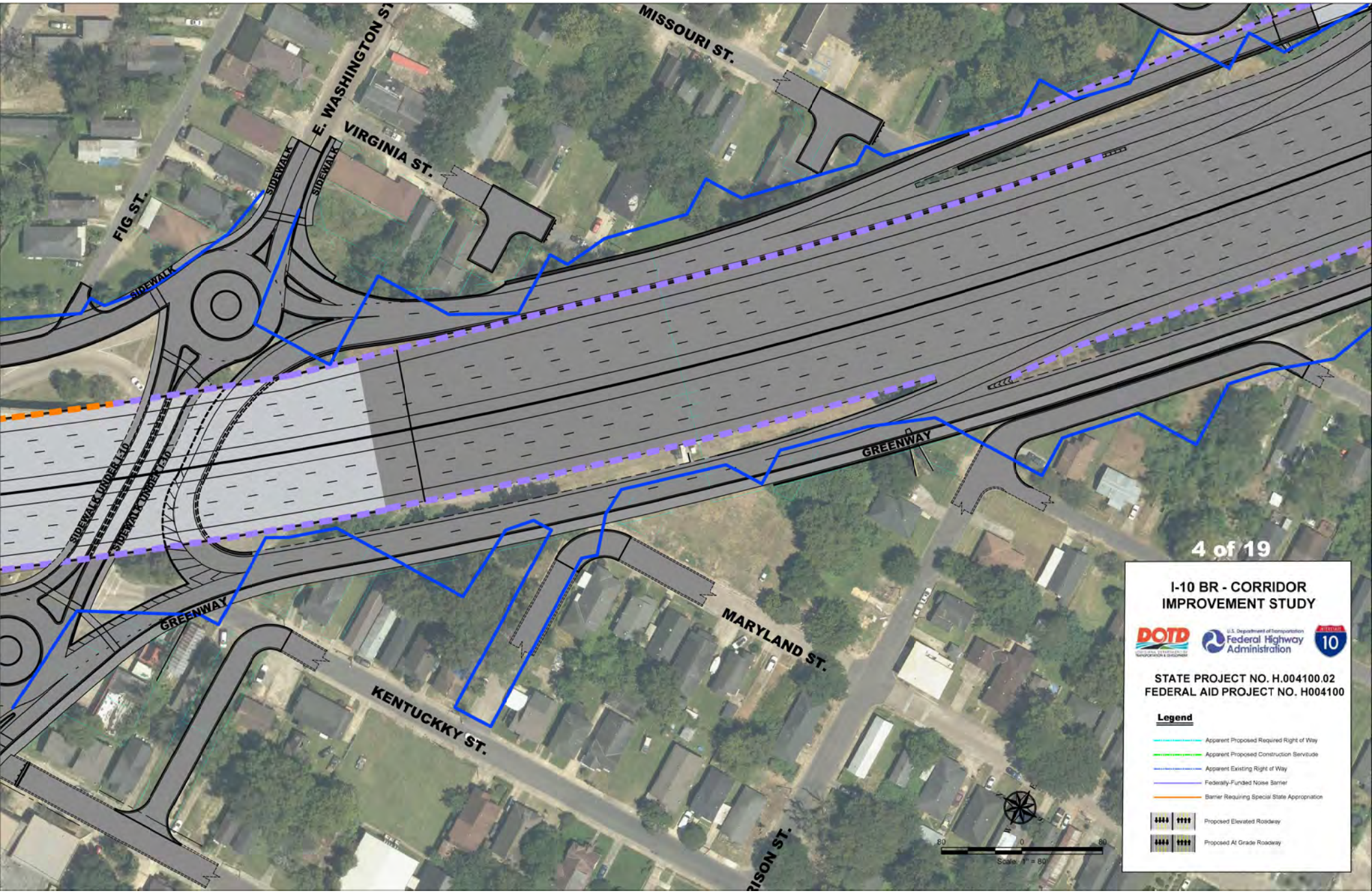
From	To	Segment Length (ft.)	Barrier Height (ft)	Barrier Area (sq ft)	Segment Cost
WB I-10:320+00	WB I-10:318+00	0	0	0	$0.00
WB I-10:318+00	WB I-10:316+00	200	14	2,800	$92,400.00
WB I-10:316+00	WB I-10:314+00	200	14	2,800	$92,400.00
WB I-10:314+00	end	75	14	1,050	$34,650.00
point656	Ramp:314+00	200	14	2,800	$92,400.00
Ramp:314+00	Ramp:312+00	199	14	2,786	$91,938.00
Ramp:312+00	Ramp:310+00	200	14	2,800	$92,400.00
Ramp:310+00	Ramp:308+00	199	14	2,786	$91,938.00
Ramp:308+00	Ramp:306+00	200	14	2,800	$92,400.00
Ramp:306+00	Ramp:304+00	200	14	2,800	$92,400.00
Ramp:304+00	Ramp:302+00	200	14	2,800	$92,400.00
Ramp:302+00	Ramp:300+00	200	14	2,800	$92,400.00
Ramp:300+00	WB I-10:298+00	200	14	2,800	$92,400.00
WB I-10:298+00	WB I-10:296+00	199	14	2,786	$91,938.00
WB I-10:296+00	WB I-10:294+00	200	14	2,800	$92,400.00
WB I-10:294+00	WB I-10:292+00	199	14	2,786	$91,938.00

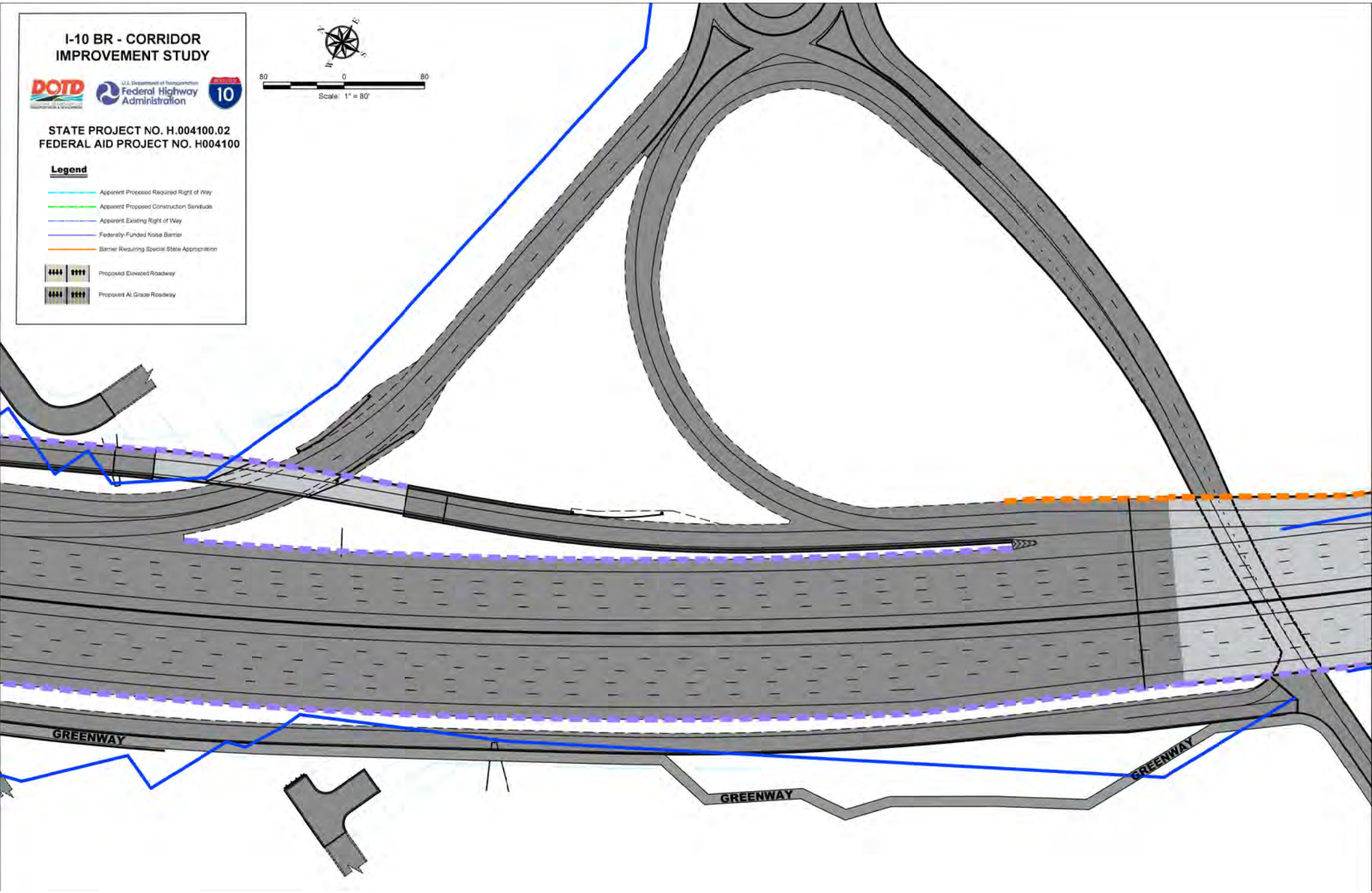
Appendix E
Likely Noise Barriers


THOMAS H. DELPIT DR.
ST.
MYRTLE ST.
GREENWAY UNDER I-10
JULIA ST.
JULIA ST.
TERRACE ST.
GREENWAY
1 of 19
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'


TERRACE ST.
SENETTE ST.
SWART ST.
COTTON ST.
LOUISE ST.
SIDEWALK UNDER I-10
SIDEWALK
GREENWAY
PECAN ST.
HICKORY ST
2 of 19
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'


HICKORY ST.
LOUISE ST.
SIDEWALK
SIDEWALK
GREENWAY
SIDEWALK UNDER I-10
SIDEWALK UNDER I-10
GREENWAY UNDER I-10
GREENWAY UNDER I-10
SIDEWALK
SIDEWALK
3 of 19
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
80
0
80
Scale: 1" = 80'
HOWARD ST.
LETTSWORTH ST.
FIG ST.
E. WASHINGTON ST.
SIDEWALK
TENNESSEE


MISSOURI ST.
E. WASHINGTON ST
VIRGINIA ST.
FIG ST.
SIDEWALK
SIDEWALK
SIDEWALK
SIDEWALK UNDER I-10
SIDEWALK UNDER I-10
GREENWAY
GREENWAY
MARYLAND ST.
KENTUCKKY ST.
4 of 19
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
I-10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
80
0
80
Scale: 1" = 80'


I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
Interstate 10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'
GREENWAY
GREENWAY
GREENWAY

I-10 BR - CORRIDOR IMPROVEMENT STUDY

DOTD | U.S. Department of Transportation Federal Highway Administration | Interstate 10

STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100

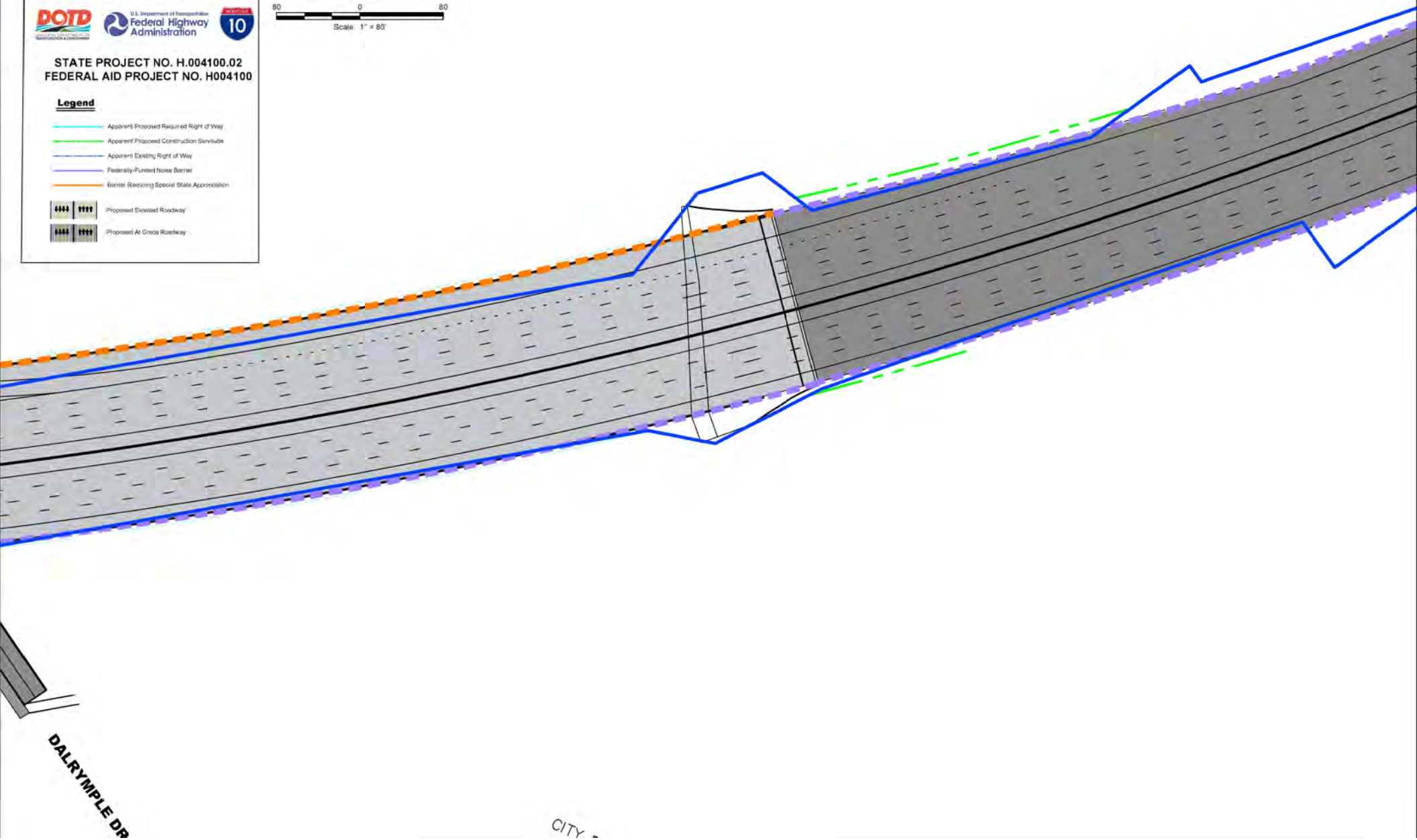
Legend

- Apparent Proposed Required Right of Way
- Apparent Proposed Construction Servitude
- Apparent Existing Right of Way
- Federally-Funded Noise Barrier
- Barrier Requiring Special State Appropriation
- Proposed Elevated Roadway
- Proposed At Grade Roadway

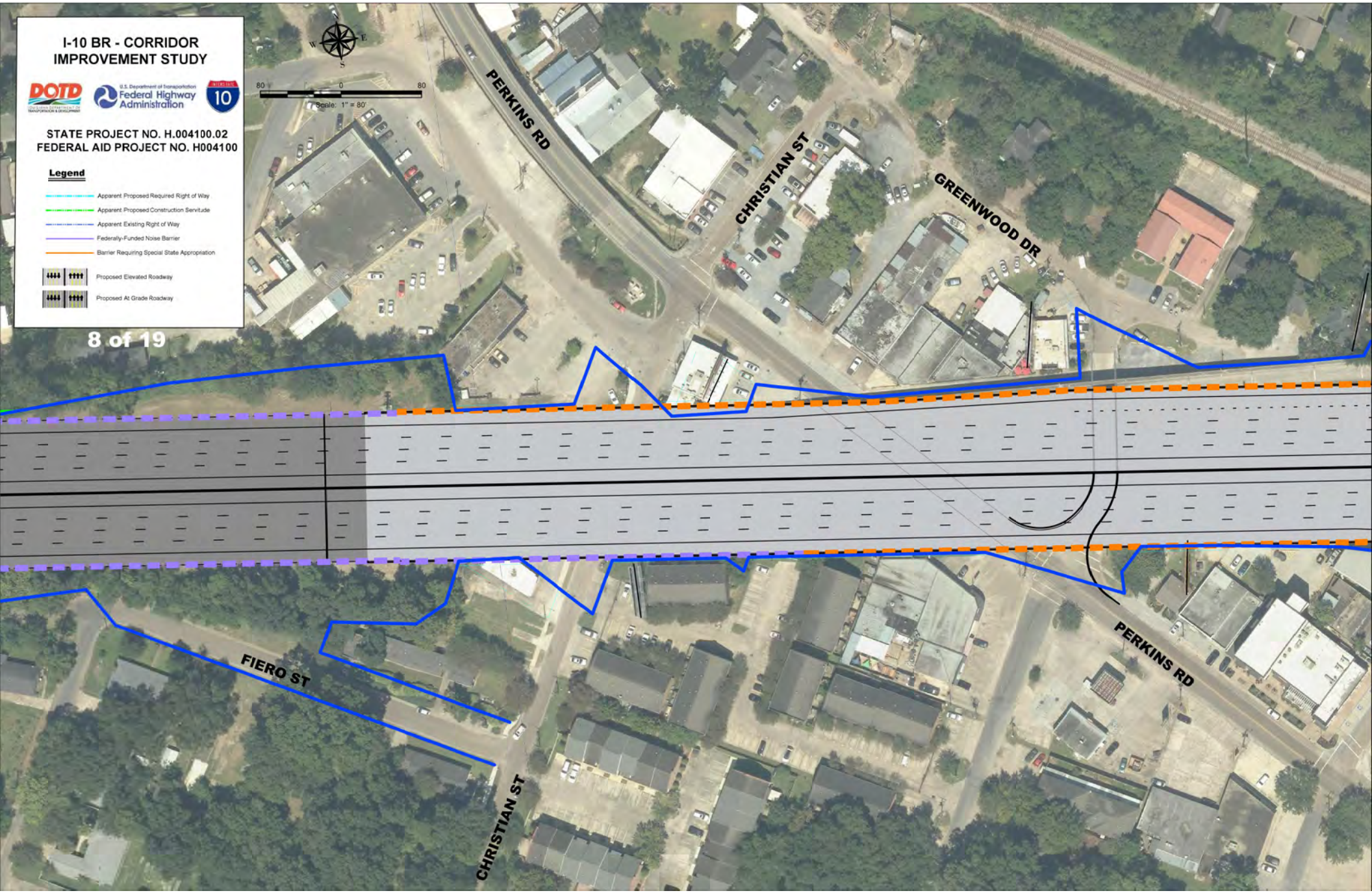
N E S W

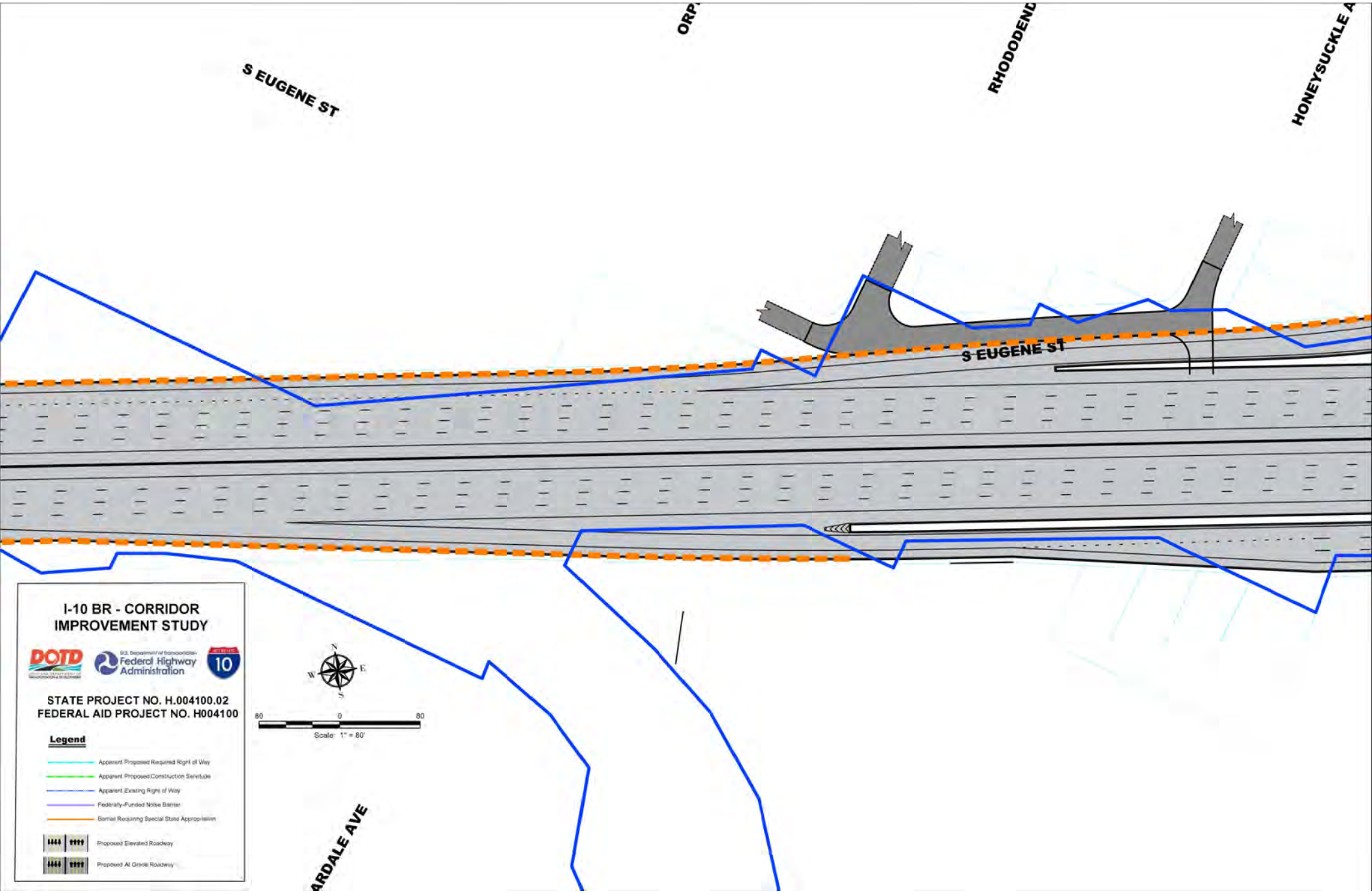
80 0 80

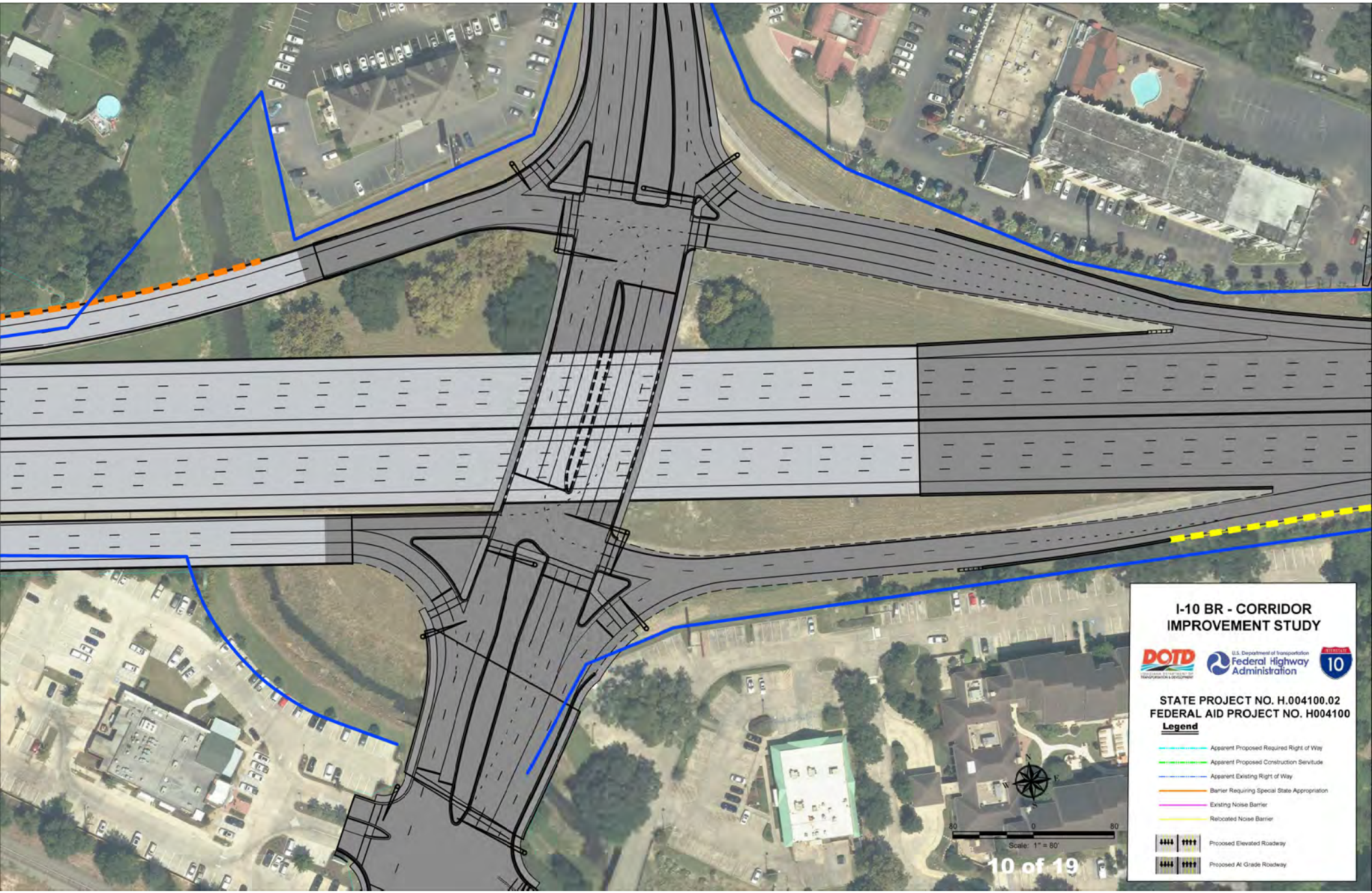
Scale: 1" = 80'

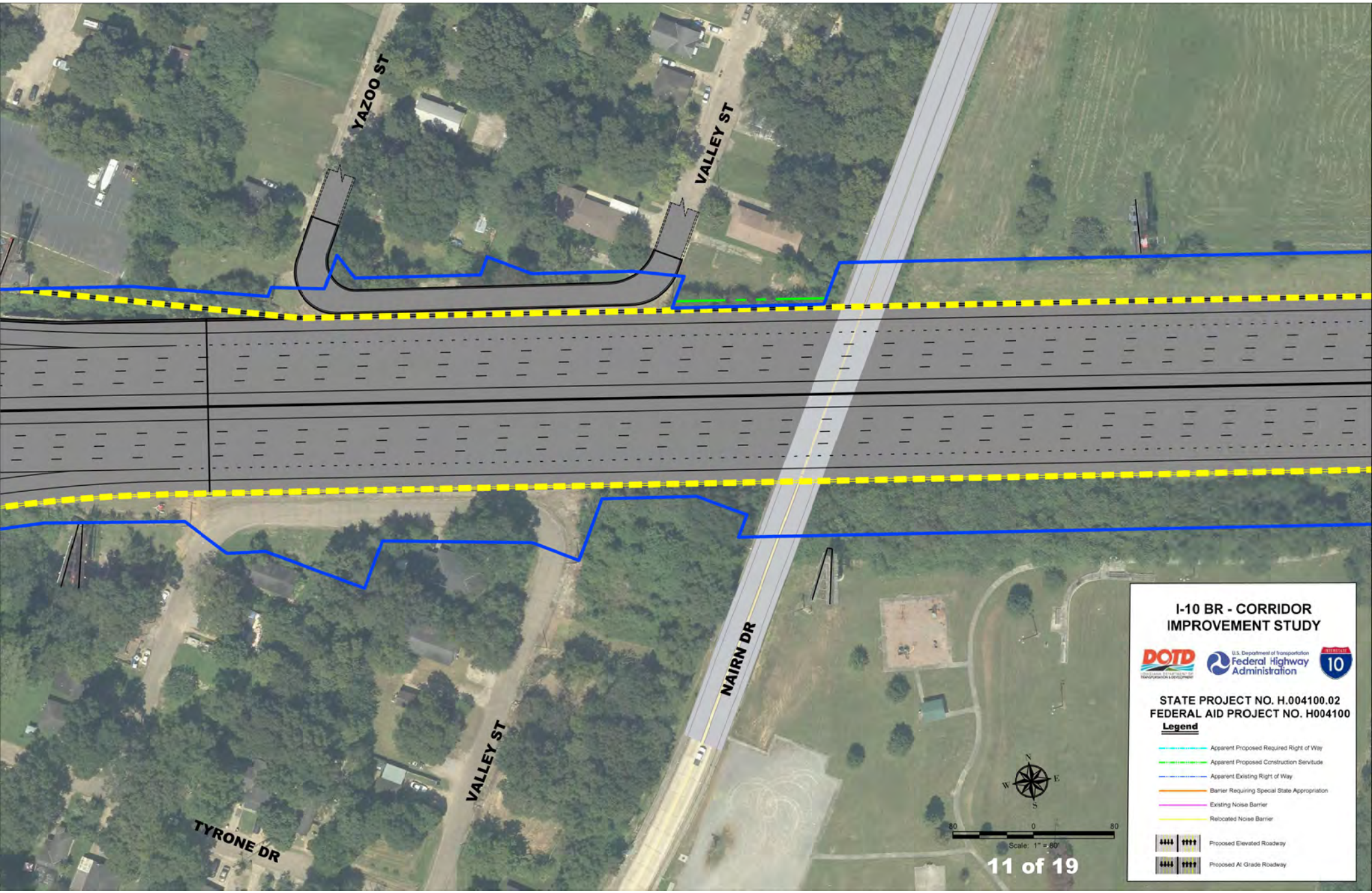


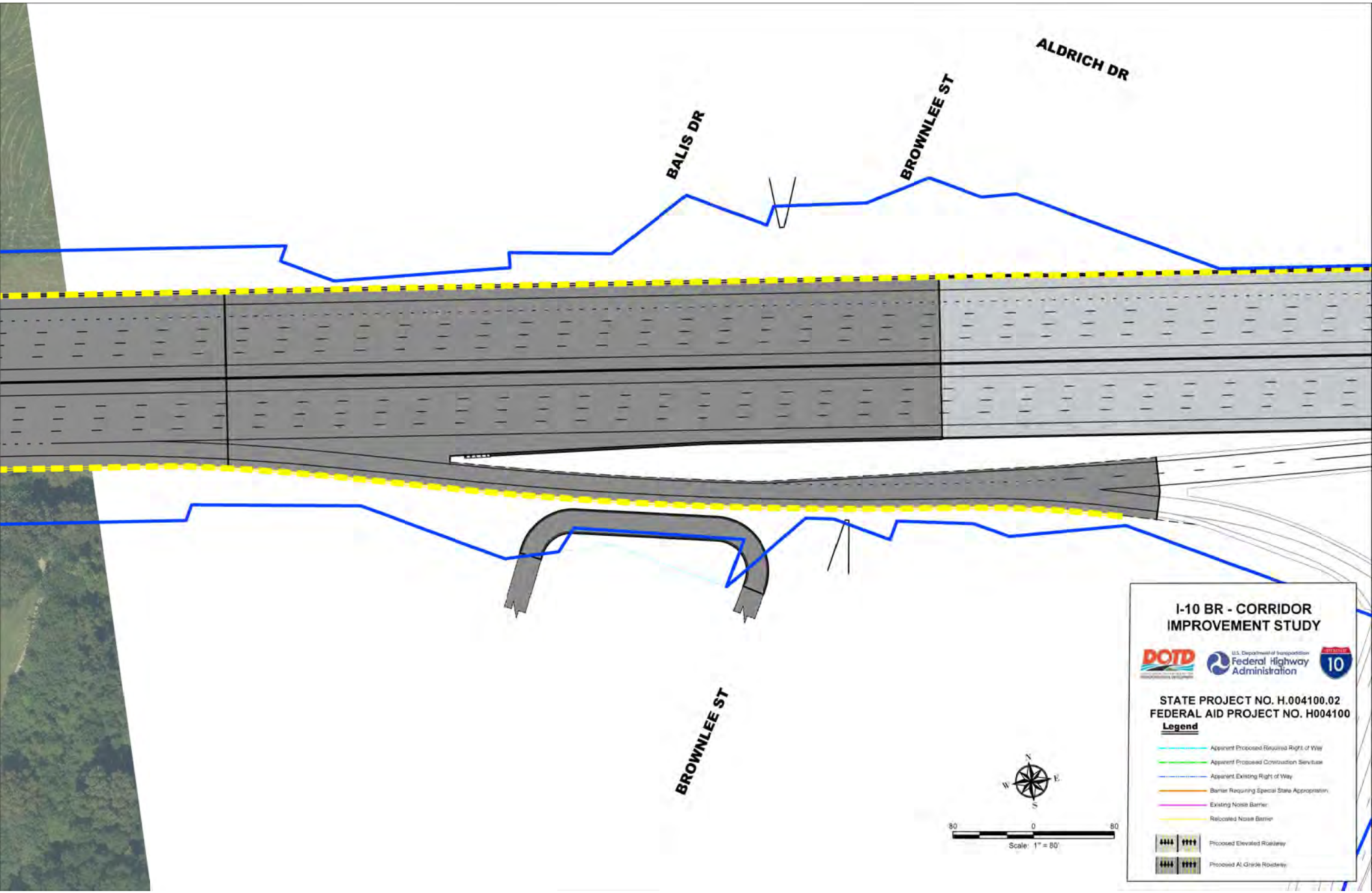

N
W
E
S
80
0
80
Scale: 1" = 80'
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
BAYWOOD AVE
FIERO ST

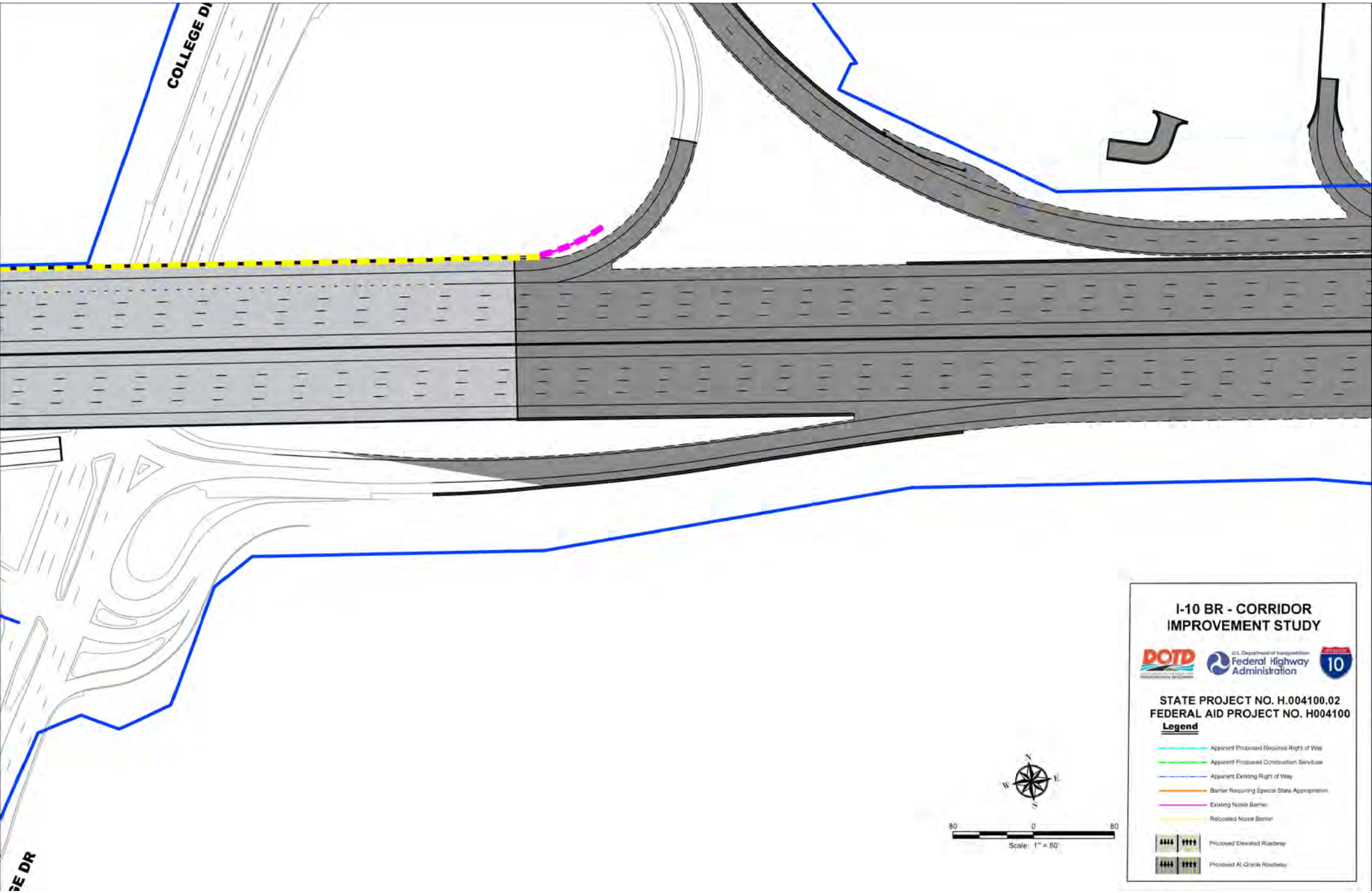

I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
8 of 19
W
E
S
80
0
80
Scale: 1" = 80'
PERKINS RD
CHRISTIAN ST
GREENWOOD DR
FIERO ST
CHRISTIAN ST
PERKINS RD

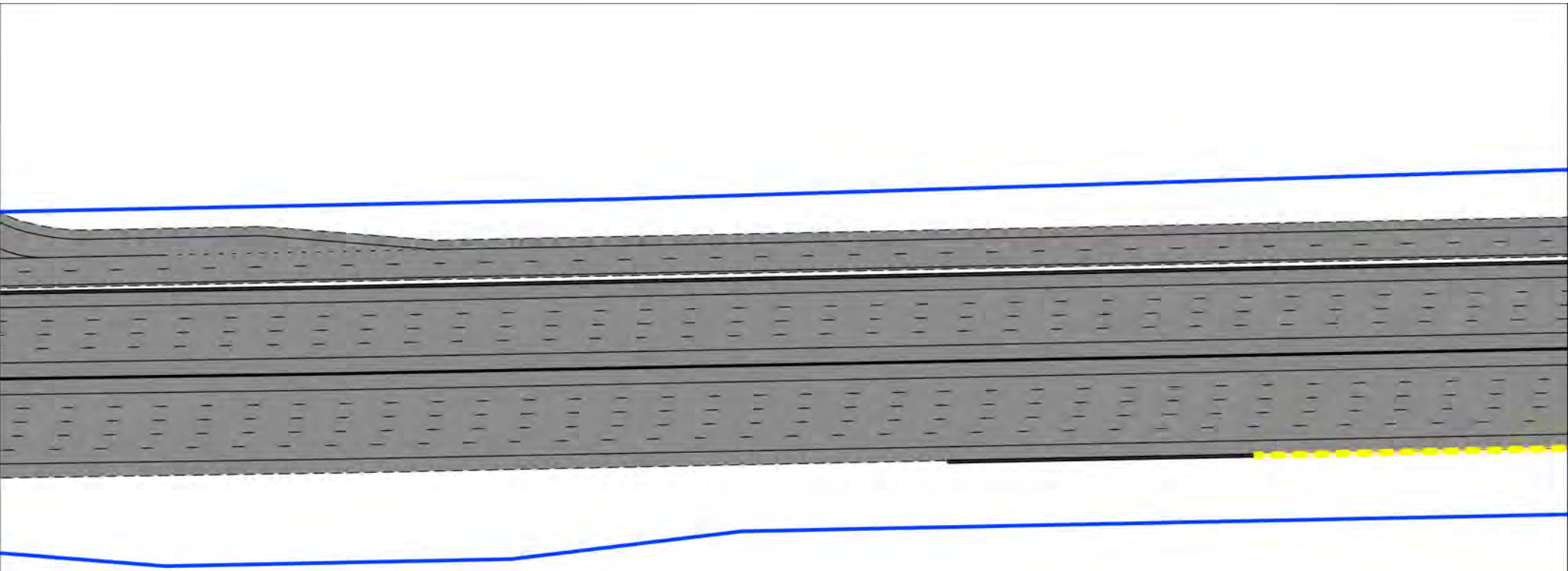

S EUGENE ST
RHODODEND
HONEYSUCKLE A
S EUGENE ST
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Federally-Funded Noise Barrier
Barrier Requiring Special State Appropriation
Proposed Elevated Roadway
Proposed At Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'
ARDALE AVE


I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
INTERSTATE 10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Barrier Requiring Special State Appropriation
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'
10 of 19


YAZOO ST
VALLEY ST
NAIRN DR
VALLEY ST
TYRONE DR
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
INTERSTATE 10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Barrier Requiring Special State Appropriation
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At Grade Roadway
N
E
S
W
80
0
80
Scale: 1" = 80'


ALDRICH DR
BROWNLEE ST
BALIS DR
BROWNLEE ST
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Barrier Requiring Special State Appropriation
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At-Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'


COLLEGE DR
GE DR
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Barrier Requiring Special State Appropriation
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At-Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'



I-10 BR - CORRIDOR IMPROVEMENT STUDY

DOTD

U.S. Department of Transportation Federal Highway Administration

I-10

STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100

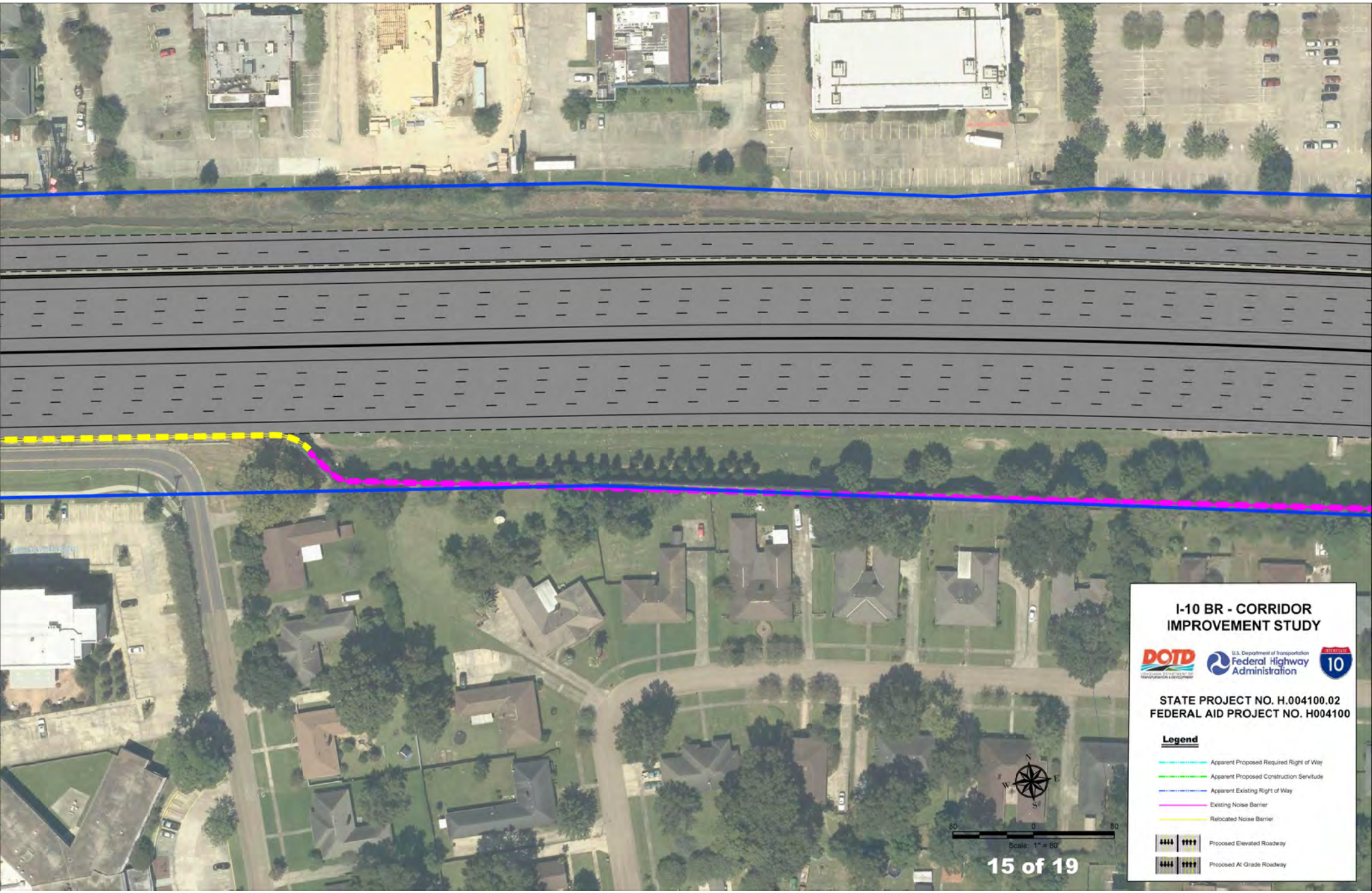
Legend

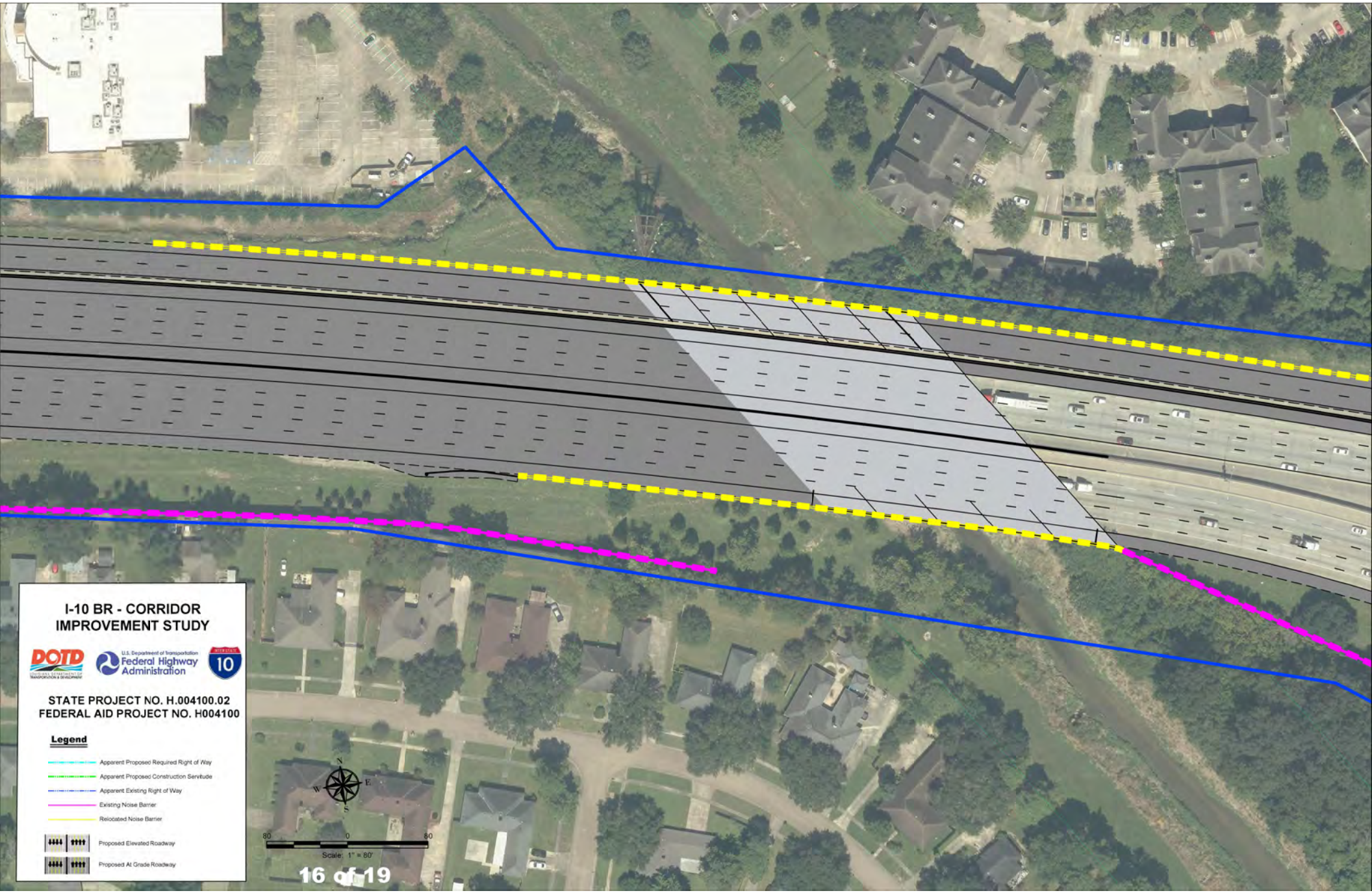
- Apparent Proposed Required Right of Way
- Apparent Proposed Construction Servitude
- Apparent Existing Right of Way
- Existing Noise Barrier
- Relocated Noise Barrier
- Proposed Elevated Roadway
- Proposed At-Grade Roadway

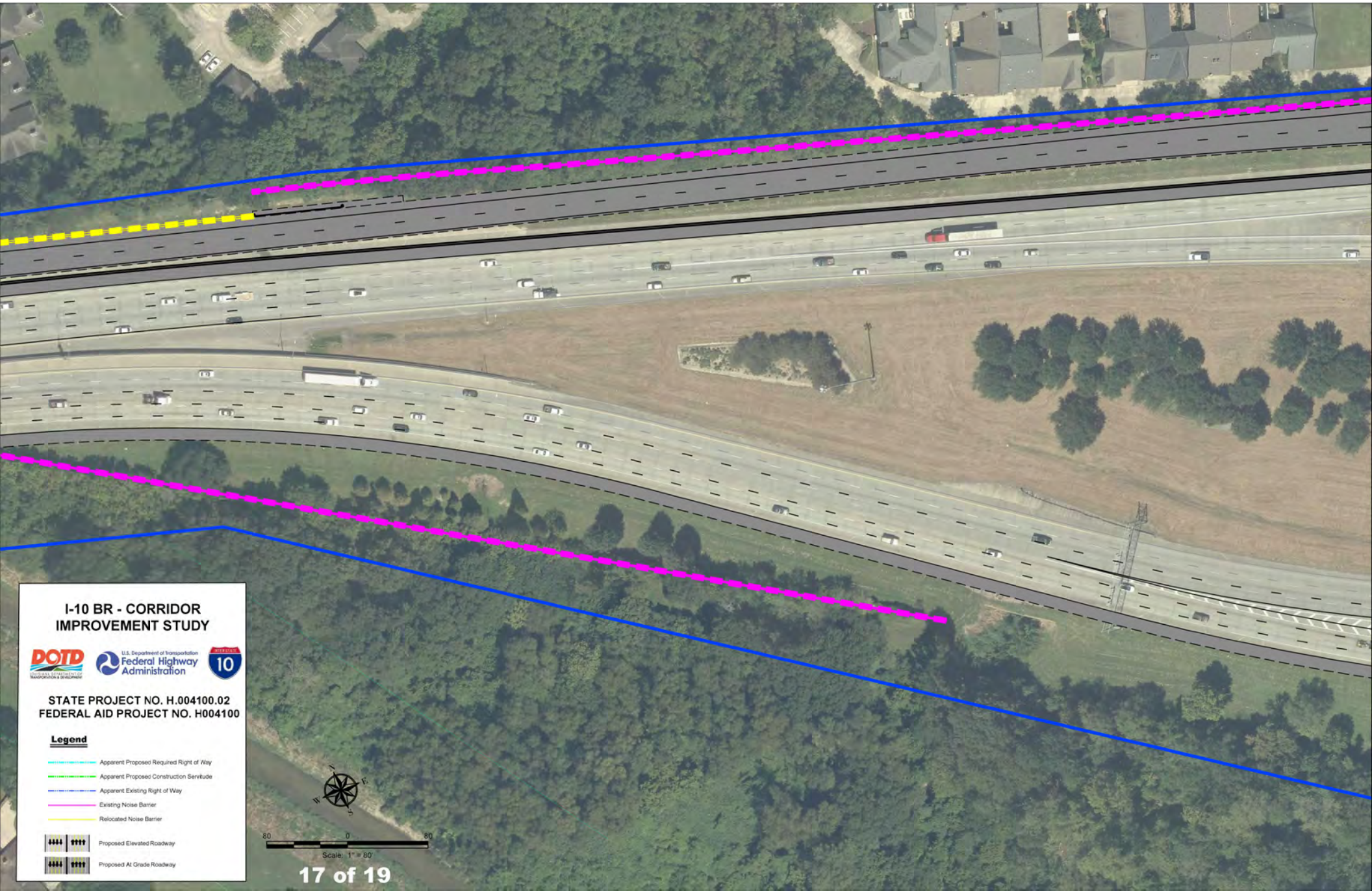
N W E S

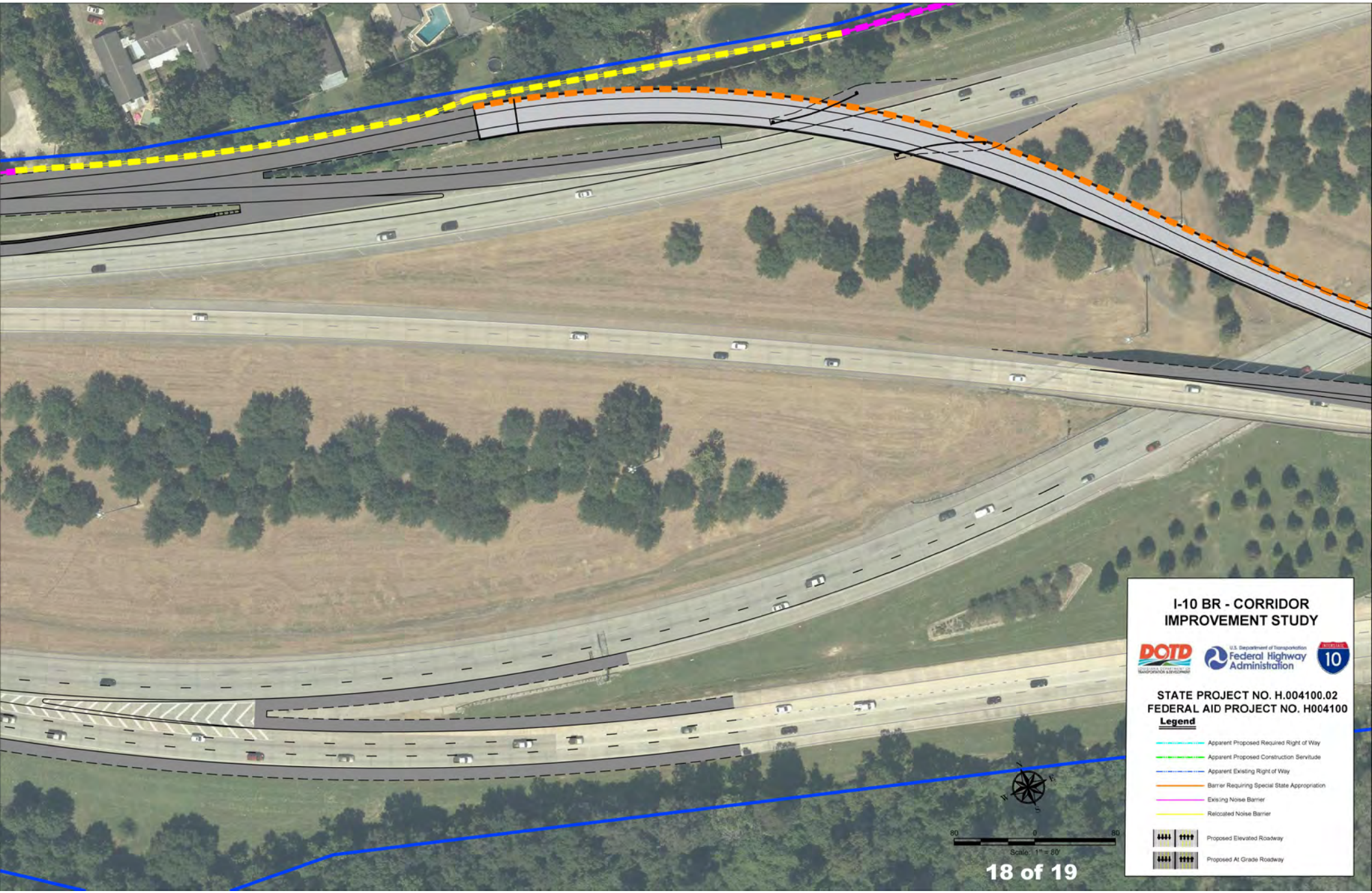
80 0 80

Scale: 1" = 80'


I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
INTERSTATE 10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At Grade Roadway
N
E
S
W
80
0
80
Scale: 1" = 80'
15 of 19


I-10 BR - CORRIDOR
IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
INTERSTATE
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At Grade Roadway
N
W
E
S
80
0
80
Scale: 1" = 80'
16 of 19

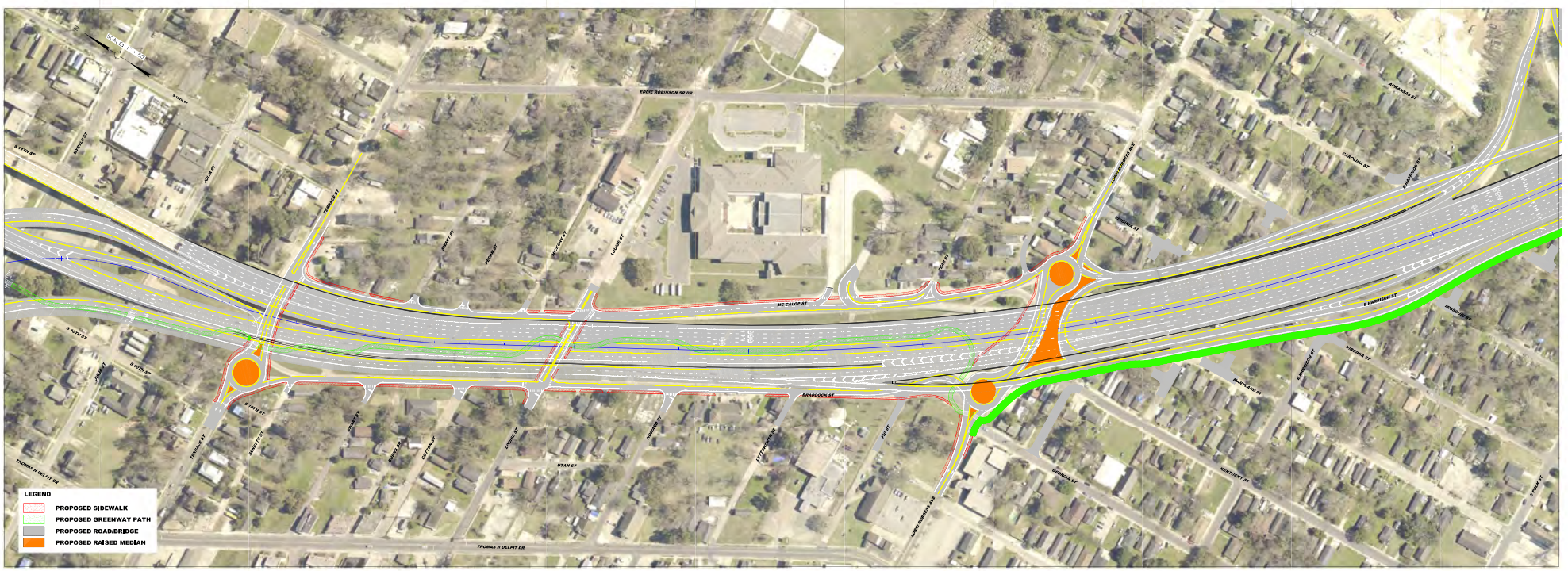

I-10 BR - CORRIDOR
IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
INTERSTATE
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At Grade Roadway
N
E
S
W
80
0
80
Scale: 1" = 80'
17 of 19


I-10 BR - CORRIDOR
IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation
Federal Highway Administration
INTERSTATE
10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Barrier Requiring Special State Appropriation
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At Grade Roadway
N
E
S
W
80
0
80
Scale: 1" = 80'


80 0 80
Scale: 1" = 80'
19 of 19
I-10 BR - CORRIDOR IMPROVEMENT STUDY
DOTD
U.S. Department of Transportation Federal Highway Administration
INTERSTATE 10
STATE PROJECT NO. H.004100.02
FEDERAL AID PROJECT NO. H004100
Legend
Apparent Proposed Required Right of Way
Apparent Proposed Construction Servitude
Apparent Existing Right of Way
Barrier Requiring Special State Appropriation
Existing Noise Barrier
Relocated Noise Barrier
Proposed Elevated Roadway
Proposed At Grade Roadway

Appendix B

Alternative Two Layouts


LEGEND
PROPOSED SIDEWALK
PROPOSED GREENWAY PATH
PROPOSED ROAD/BRIDGE
PROPOSED RAISED MEDIAN
EDDIE ROBINSON SR DR
MC GLOIN ST
BROADMOOR BLVD
E HARRISON ST
ARKANSAS ST
CAROLINA ST
VIRGINIA ST
MARYLAND ST
KENTUCKY ST
FLORIDA ST
BROADMOOR AVE
LONG BRIDGE AVE
E POLK ST
SCHOOL ST
UTAH ST
THOMAS H DELPIT DR
S 11TH ST
S 10TH ST
S 9TH ST
S 8TH ST
S 7TH ST
MONTEGUT ST
JULIA ST
TERRACE ST
JAMES ST
HOWARD ST
JACKSON ST
LOUISE ST
POLK ST
JOSEPHINE ST
LETTIE ST
FOX ST
BIENVILLE ST
CLEVELAND ST
CUSTOM ST


LEGEND
PROPOSED SIDEWALK
PROPOSED GREENWAY PATH
PROPOSED ROAD/BRIDGE
PROPOSED RAISED MEDIAN
PROPOSED NOISE WALL
N
SCALE: 1" = 150'
LAKEWOOD DR
OAKLEIGH DR
E EUGENE ST
DOGWOOD AVE
RAYWOOD AVE
CUTTERWOOD AVE
ASHBY AVE
ALLEMAN ST
CHRISTIAN ST
PERKINS RD
GREENWOOD DR
E POLK ST
FERRIS ST
FERRIS RD
FERRY ST
MARCIE ST
MARCIE DR
PERKINS PL
DOTD
LOUISIANA

Appendix C

Alternative Two Traffic Data

I-10 CMAR Segment 1
H.004100

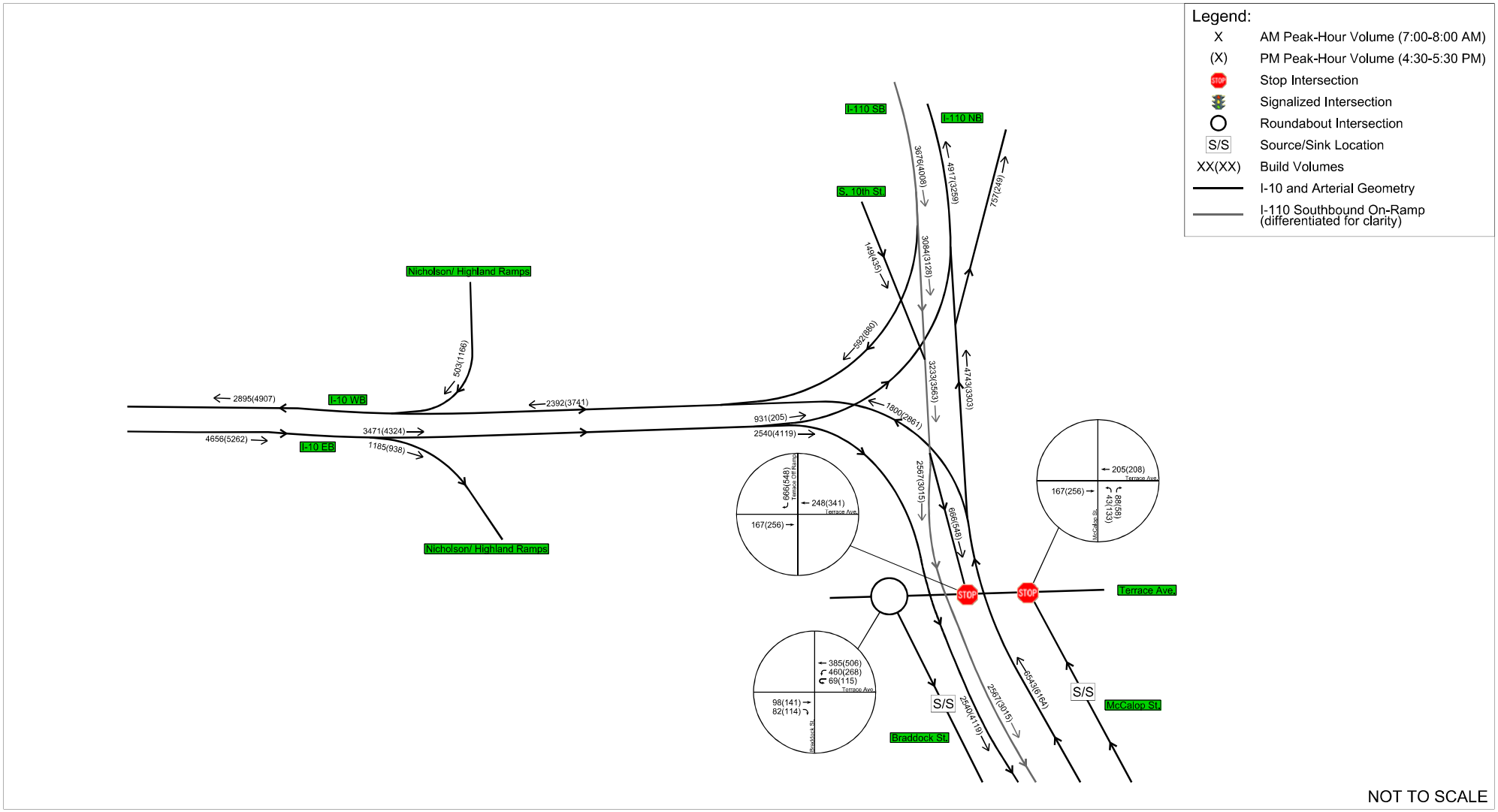


Figure A-16. Build-Condition 2042 Peak Hour Total Demand Map (Sheet 2 of 4)

I-10 CMAR Segment 1
H.004100

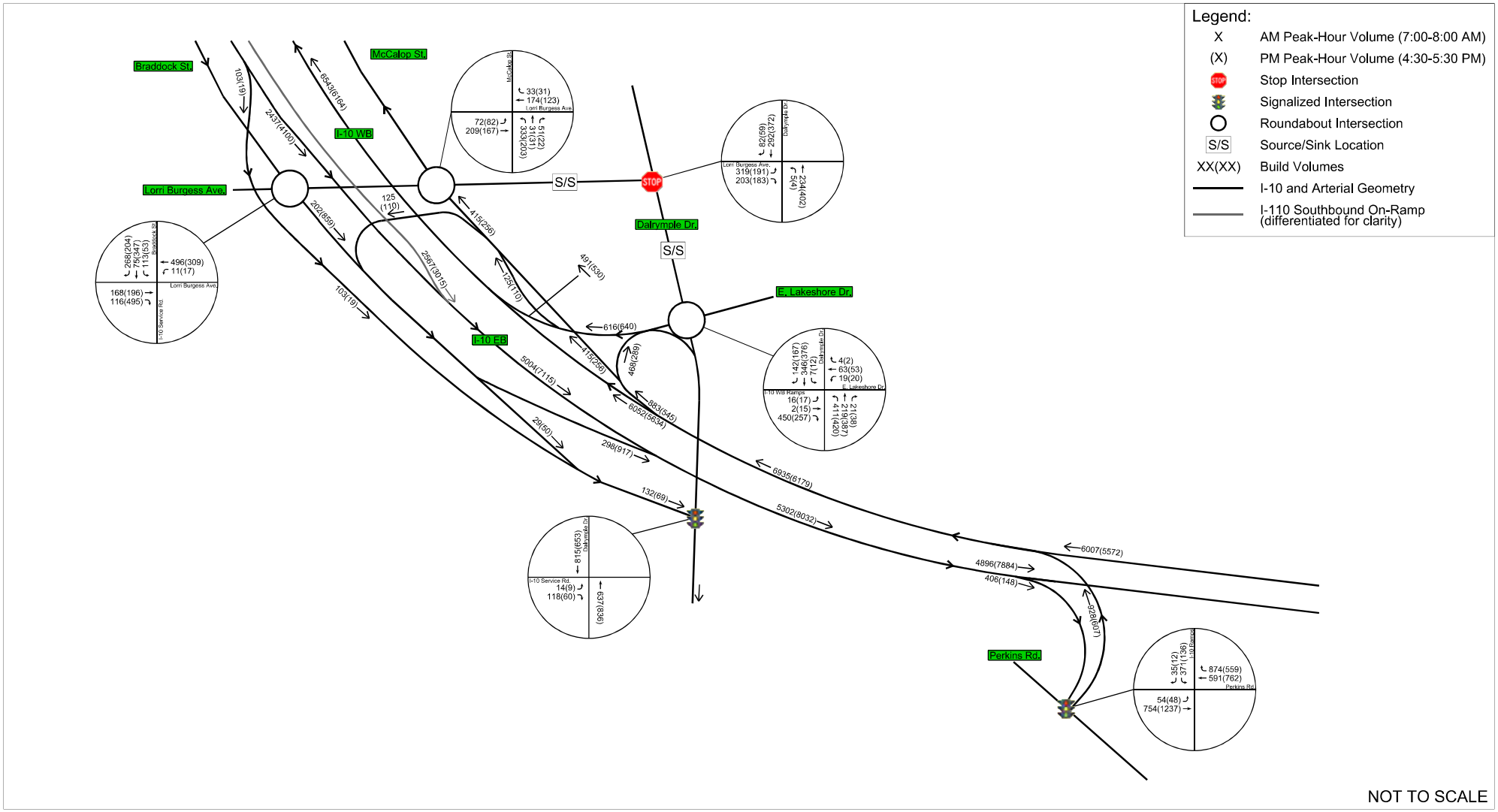


Figure A-16. Build-Condition 2042 Peak Hour Total Demand Map (Sheet 3 of 4)

I-10 CMAR Segment 1
H.004100

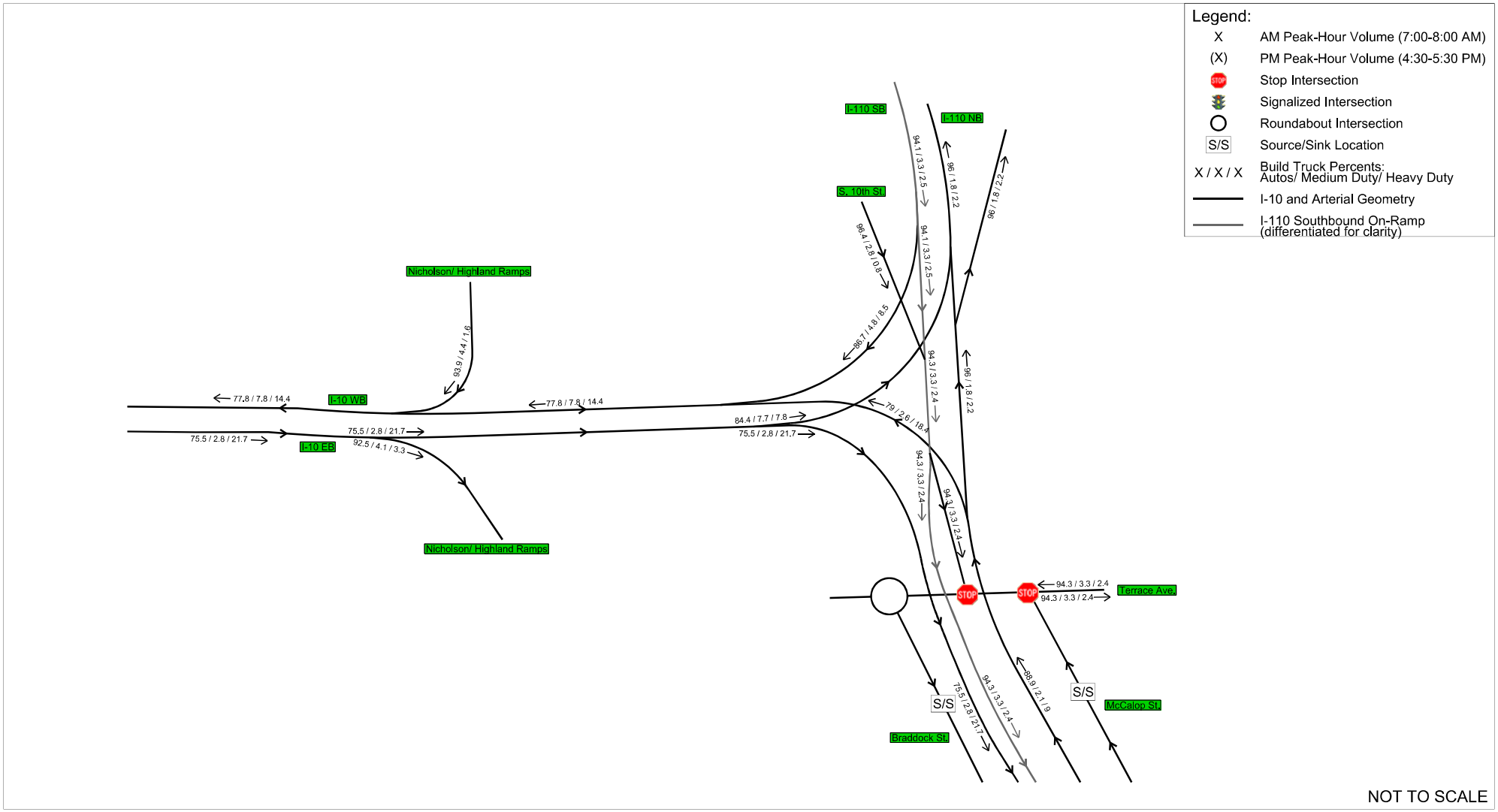


Figure A-16. Build-Condition 2042 Peak Hour Total Demand Map (Sheet 1 of 2)

I-10 CMAR Segment 1
H.004100

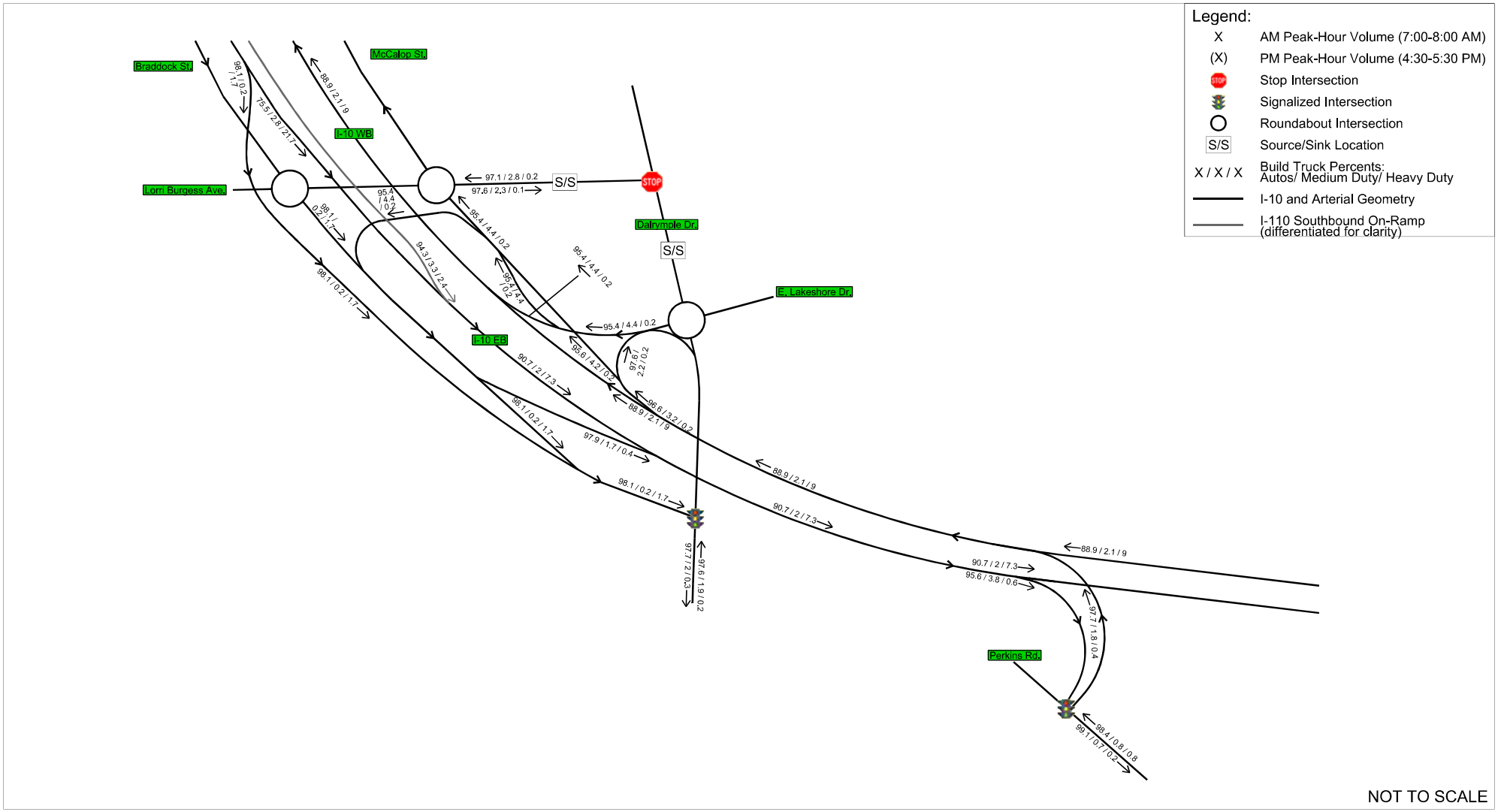


Figure A-16. Build-Condition 2042 Peak Hour Total Demand Map (Sheet 2 of 2)

Appendix D

EB1 NSA Results

EB1 NSA Results

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
1	513 Myrtle St	1	B	Yes	160	71.1	71	-0.1	70.7	-0.4	-0.3	Yes	No	Yes	1	1	1
2	515 Myrtle St	1	B	Yes	170	71.1	70.9	-0.2	70.6	-0.5	-0.3	Yes	No	Yes	1	1	1
3	517 Myrtle St	1	B	Yes	164	71.1	71	-0.1	70.7	-0.4	-0.3	Yes	No	Yes	1	1	1
4	521 Myrtle St	1	B	Yes	158	71.3	71.2	-0.1	70.8	-0.5	-0.4	Yes	No	Yes	1	1	1
5	958 Royal St	1	B	Yes	103	72	71.8	-0.2	71.6	-0.4	-0.2	Yes	No	Yes	1	1	1
6	931 Royal St	1	B	Yes	35	75.3	74.1	-1.2	74.0	-1.3	-0.1	Yes	No	Yes	1	1	1
7	928 Napolean St	1	B	Yes	31	75.3	74.2	-1.1	74.1	-1.2	-0.1	Yes	No	Yes	1	1	1
8	921 Napolean St	1	B	Yes	74	73.9	73.7	-0.2	73.5	-0.4	-0.2	Yes	No	Yes	1	1	1
9	940 St Joseph St	1	B	Yes	50	73.6	73.2	-0.4	72.1	-1.5	-1.1	Yes	No	Yes	1	1	1
10	943 Maximilian St	1	B	Yes	36	75.8	75.9	0.1	74.9	-0.9	-1.0	Yes	No	Yes	1	1	1
11	917 Myrtle St	1	B	Yes	62	74.4	74.1	-0.3	73.7	-0.7	-0.4	Yes	No	Yes	1	1	1
12	926 East Blvd	1	B	Yes	28	76.4	75	-1.4	74.2	-2.2	-0.8	Yes	No	Yes	1	1	1
13	928 East Blvd	1	B	Yes	65	74	73.3	-0.7	72.4	-1.6	-0.9	Yes	No	Yes	1	1	1
14	940 East Blvd	1	B	Yes	103	72.3	71.3	-1	71.0	-1.3	-0.3	Yes	No	Yes	1	1	1
15	972 Myrtle St	1	B	Yes	124	72.7	72.1	-0.6	71.5	-1.2	-0.6	Yes	No	Yes	1	1	1
16	982 Myrtle St	1	B	Yes	65	74.8	74.4	-0.4	72.7	-2.1	-1.7	Yes	No	Yes	1	1	1
17	1150 S 10th St	1	B	Yes	95	73.8	73.3	-0.5	71.7	-2.1	-1.6	Yes	No	Yes	1	1	1
18	1004 Julia St	1	B	Yes	56	74.3	73.4	-0.9	72.1	-2.2	-1.3	Yes	No	Yes	1	1	1
19	1215 S 10th St	1	B	Yes	60	72.8	73.1	0.3	71.6	-1.2	-1.5	Yes	No	Yes	1	1	1
20	1239 S 10th St	1	B	Yes	88	73.9	72.4	-1.5	72.6	-1.3	0.2	Yes	No	Yes	1	1	1
21	1014 Senette St	1	B	Yes	67	74.8	72.6	-2.2	73.9	-0.9	1.3	Yes	No	Yes	1	1	1
22	970 Senette St	1	B	Yes	117	72.8	70.3	-2.5	71.5	-1.3	1.2	Yes	No	Yes	1	1	1
23	946 Swart St	1	B	Yes	173	72.3	69.3	-3	70.4	-1.9	1.1	Yes	No	Yes	1	1	1
24	951 Burns Dr	1	B	Yes	155	72.3	69.4	-2.9	70.4	-1.9	1.0	Yes	No	Yes	1	1	1
25	967 Cotton St	1	B	Yes	87	73.8	72.3	-1.5	73.3	-0.5	1.0	Yes	No	Yes	1	1	1
26	1004 Cotton St	1	B	Yes	72	74.2	73.6	-0.6	74.2	0.0	0.6	Yes	No	Yes	1	1	1
27	978 Cotton St	1	B	Yes	123	73.1	71.5	-1.6	71.7	-1.4	0.2	Yes	No	Yes	1	1	1
28	1523 Utah St	1	B	Yes	165	70.7	70	-0.7	69.8	-0.9	-0.2	Yes	No	Yes	1	1	1
29	1510 Braddock St	1	B	Yes	66	73.3	73.1	-0.2	73.4	0.1	0.3	Yes	No	Yes	1	1	1
30	1538 Braddock St	1	B	Yes	80	72.5	72.5	0	72.6	0.1	0.1	Yes	No	Yes	1	1	1
31	1567 Utah St	1	B	Yes	157	70.4	69.7	-0.7	69.5	-0.9	-0.2	Yes	No	Yes	1	1	1
32	1591 Utah St	1	B	Yes	158	70.4	69.7	-0.7	69.5	-0.9	-0.2	Yes	No	Yes	1	1	1

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
33	936 Howard St	1	B	Yes	112	71.2	70.7	-0.5	70.7	-0.5	0.0	Yes	No	Yes	1	1	1
34	924 Howard St	1	B	Yes	156	70.2	69.5	-0.7	69.2	-1.0	-0.3	Yes	No	Yes	1	1	1
35	1616 Braddock St - GONE	0						0									
36	Fairview Baptist Ch (no ext use)	1	D	Yes	44	49.3	51.1	1.8	51.1	1.8	0.0	Yes	No	Yes	0	1	1
37	937 Lettsworth St	1	B	Yes	66	73.4	73.2	-0.2	72.5	-0.9	-0.7	Yes	No	Yes	1	1	1
38	946 Lettsworth St	1	B	Yes	141	71	70.4	-0.6	70.0	-1.0	-0.4	Yes	No	Yes	1	1	1
39	1704 Braddock St	1	B	Yes	82	73.2	72.2	-1	71.0	-2.2	-1.2	Yes	No	Yes	1	1	1
40	Baranco Clark YMCA Playground	1	C	Yes	187	69.2	67.4	-1.8	65.4	-3.8	-2.0	No	No	No	1	1	0
41	968 Fig St - GONE	0						0									
42	962 Royal St	1	B	No	150	71.3	71.1	-0.2	70.5	-0.8	-0.6	Yes	No	Yes	1	1	1
43	525 Myrtle St	1	B	No	189	69.3	69.6	0.3	68.4	-0.9	-1.2	Yes	No	Yes	1	1	1
44	941 Royal St	1	B	No	58	73.9	73.1	-0.8	72.9	-1.0	-0.2	Yes	No	Yes	1	1	1
45	953 Royal St	1	B	No	94	72.9	72.9	0	72.7	-0.2	-0.2	Yes	No	Yes	1	1	1
46	605 Myrtle St	1	B	No	160	71.5	72	0.5	71.1	-0.4	-0.9	Yes	No	Yes	1	1	1
47	607 Myrtle St	1	B	No	163	71.4	72.1	0.7	71.2	-0.2	-0.9	Yes	No	Yes	1	1	1
48	609 Myrtle St	1	B	No	170	71.3	72	0.7	71.3	0.0	-0.7	Yes	No	Yes	1	1	1
49	932 Napolean St	1	B	No		70.3	70.1	-0.2	69.6	-0.7	-0.5	Yes	No	Yes	1	1	1
50	1038 Napolean St	1	B	No		68.8	69.5	0.7	68.3	-0.5	-1.2	Yes	No	Yes	1	1	1
51	923 Napolean St	1	B	No		70.6	70.2	-0.4	69.6	-1.0	-0.6	Yes	No	Yes	1	1	1
52	933 Napolean St	1	B	No		69.9	70.4	0.5	69.4	-0.5	-1.0	Yes	No	Yes	1	1	1
53	705 Myrtle St	1	B	No		69.9	70.5	0.6	69.2	-0.7	-1.3	Yes	No	Yes	1	1	1
54	709 Myrtle St	1	B	No		69.8	70.4	0.6	69.0	-0.8	-1.4	Yes	No	Yes	1	1	1
55	713 Myrtle St	1	B	No		69.8	70.4	0.6	68.9	-0.9	-1.5	Yes	No	Yes	1	1	1
56	952 St Joseph St	1	B	No		69.8	69.2	-0.6	68.3	-1.5	-0.9	Yes	No	Yes	1	1	1
57	715 Myrtle St	1	B	No		69.1	69.2	0.1	67.8	-1.3	-1.4	Yes	No	Yes	1	1	1
58	956 St Joseph St	1	B	No		69.5	69.3	-0.2	68.0	-1.5	-1.3	Yes	No	Yes	1	1	1
59	837 Myrtle St	1	B	No		70.6	70.4	-0.2	69.4	-1.2	-1.0	Yes	No	Yes	1	1	1
60	958 Maximillian St	1	B	No		70.3	70.1	-0.2	69.4	-0.9	-0.7	Yes	No	Yes	1	1	1
61	964 Maximillian St	1	B	No		68.4	67.6	-0.8	67.1	-1.3	-0.5	Yes	No	Yes	1	1	1
62	963 Maximillian St	1	B	No		70.9	70.8	-0.1	70.4	-0.5	-0.4	Yes	No	Yes	1	1	1
63	965 Maximillian St	1	B	No		70.1	70.1	0	69.3	-0.8	-0.8	Yes	No	Yes	1	1	1
64	969 Maximillian St	1	B	No		69.6	69.4	-0.2	68.6	-1.0	-0.8	Yes	No	Yes	1	1	1
65	1103 Thomas H Delpit Dr	1	B	No		69.6	68.6	-1	68.1	-1.5	-0.5	Yes	No	Yes	1	1	1
66	1105 Thomas H Delpit Dr	1	B	No		68.4	67.7	-0.7	67.1	-1.3	-0.6	Yes	No	Yes	1	1	1

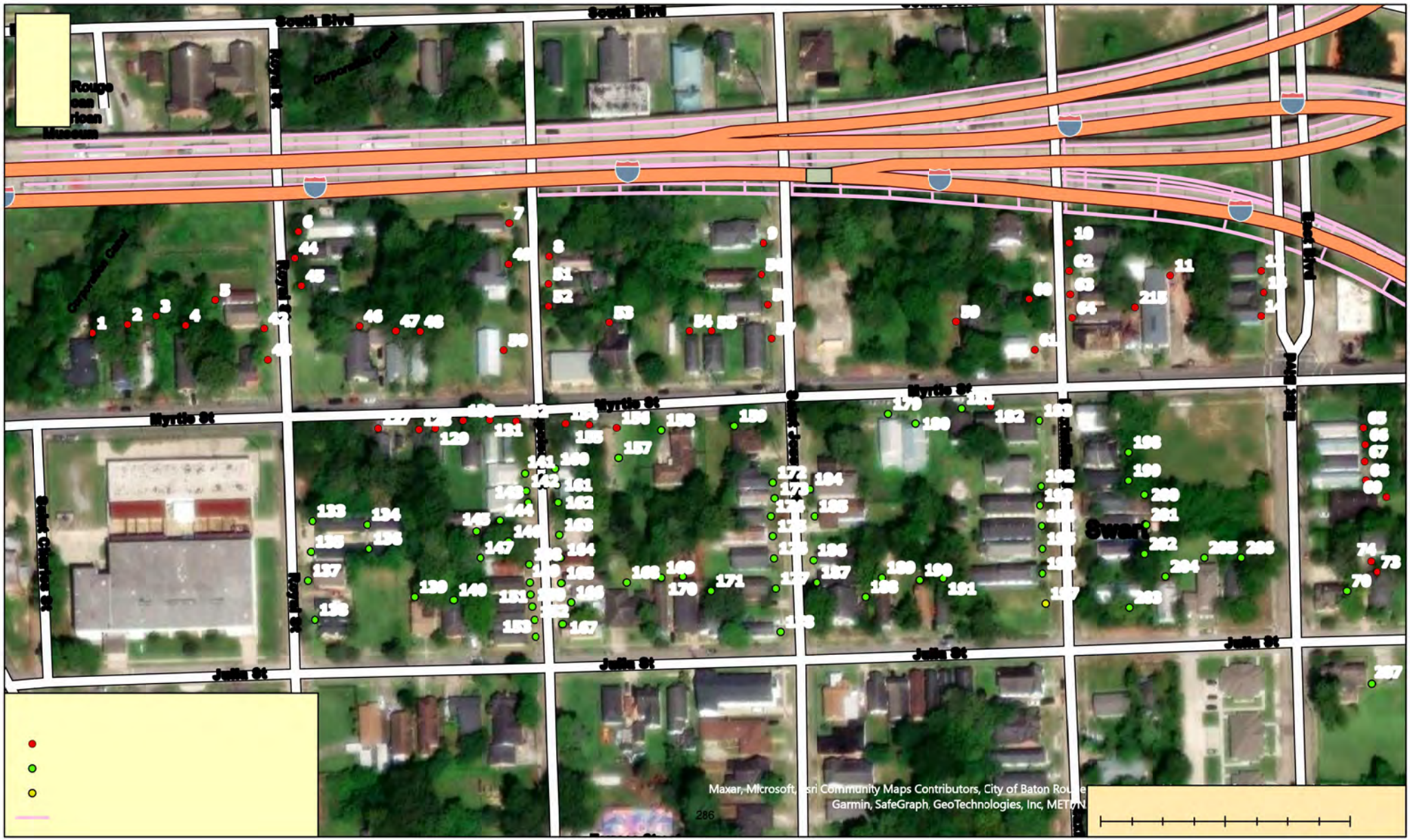
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
67	1107 Thomas H Delpit Dr	1	B	No		69	68.2	-0.8	67.4	-1.6	-0.8	Yes	No	Yes	1	1	1
68	1109 Thomas H Delpit Dr	1	B	No		68.9	68	-0.9	67.3	-1.6	-0.7	Yes	No	Yes	1	1	1
69	1117 Thomas H Delpit Dr	1	B	No		69.1	68.3	-0.8	67.6	-1.5	-0.7	Yes	No	Yes	1	1	1
70	1131 Thomas H Delpit Dr	1	B	No		67.4	66.5	-0.9	65.8	-1.6	-0.7	No	No	No	1	1	0
71	991 Julia St	1	B	No		70.3	69.5	-0.8	68.8	-1.5	-0.7	Yes	No	Yes	1	1	1
72	981 Julia St	1	B	No		69.8	69.1	-0.7	68.2	-1.6	-0.9	Yes	No	Yes	1	1	1
73	967 Julia St	1	B	No		68.3	67.5	-0.8	66.8	-1.5	-0.7	Yes	No	Yes	1	1	1
74	965 Julia St	1	B	No		68	67.3	-0.7	66.6	-1.4	-0.7	Yes	No	Yes	1	1	1
75	1002 Julia St	1	B	No		71	69.7	-1.3	66.5	-4.5	-3.2	Yes	No	Yes	1	1	1
76	Progressive Bapt Ch (Cat D)	1	D	No		45.2	44	-1.2	43.7	-1.5	-0.3	No	No	No	0	0	0
77	1226 S 10th St - GONE	0						0									
78	1228 S 10th St	1	B	No		70.1	68.1	-2	68.0	-2.1	-0.1	Yes	No	Yes	1	1	1
79	1232 S 10th St	1	B	No		70.2	68.1	-2.1	68.1	-2.1	0.0	Yes	No	Yes	1	1	1
80	1234 S 10th St	1	B	No		69.9	67.9	-2	67.9	-2.0	0.0	Yes	No	Yes	1	1	1
81	979 Terrace St - GONE	0						0									
82	975 Terrace St	1	B	No		66.7	65	-1.7	65.0	-1.7	0.0	No	No	No	1	0	0
83	963 Terrace St	1	B	No		65.3	64	-1.3	64.0	-1.3	0.0	No	No	No	0	0	0
84	988 Terrace St	1	B	No		69	66.3	-2.7	67.2	-1.8	0.9	Yes	No	Yes	1	1	1
85	980 Terrace St	1	B	No		68	65.7	-2.3	66.3	-1.7	0.6	Yes	No	Yes	1	0	1
86	976 Terrace St	1	B	No		67.1	65	-2.1	65.6	-1.5	0.6	No	No	No	1	0	0
87	970 Terrace St	1	B	No		66.4	64.5	-1.9	64.9	-1.5	0.4	No	No	No	1	0	0
88	960 Terrace St	1	B	No		65.2	63.9	-1.3	64.1	-1.1	0.2	No	No	No	0	0	0
89	954 Terrace St	1	B	No		64.5	63.2	-1.3	63.4	-1.1	0.2	No	No	No	0	0	0
90	952 Terrace St	1	B	No		63.4	61.8	-1.6	62.1	-1.3	0.3	No	No	No	0	0	0
91	946 Senette St	1	B	No		69.7	66.5	-3.2	67.5	-2.2	1.0	Yes	No	Yes	1	1	1
92	918 Senette St	1	B	No		68.5	65.7	-2.8	66.3	-2.2	0.6	Yes	No	Yes	1	0	1
93	862 Senette St - GONE	0						0									
94	850 Senette St - GONE	0						0									
95	920 Swart St	1	B	No		69.4	64.5	-4.9	66.7	-2.7	2.2	Yes	No	Yes	1	0	1
96	912 Swart St	1	B	No		68.4	64.1	-4.3	65.7	-2.7	1.6	No	No	No	1	0	0
97	931 Burns Dr	1	B	No		68.6	64.6	-4	65.6	-3.0	1.0	No	No	No	1	0	0
98	877 Burns Dr	1	B	No		65.8	63.2	-2.6	62.9	-2.9	-0.3	No	No	No	0	0	0
99	855 Burns Dr	1	B	No		64.3	63.3	-1	62.9	-1.4	-0.4	No	No	No	0	0	0
100	955 Cotton St	1	B	No		68.3	66.4	-1.9	66.3	-2.0	-0.1	Yes	No	Yes	1	1	1

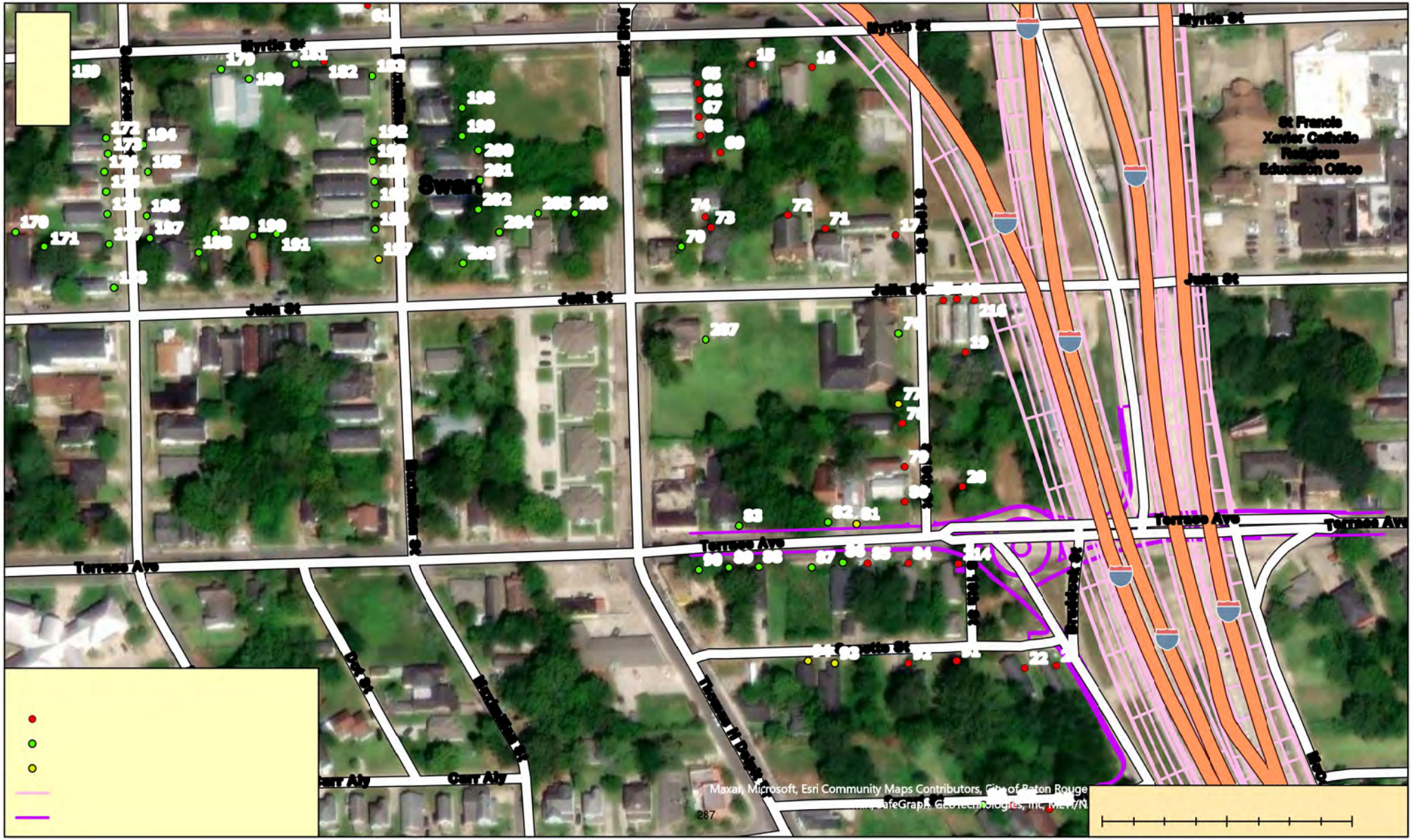
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
101	837 Cotton St	1	B	No		65.1	64	-1.1	63.6	-1.5	-0.4	No	No	No	0	0	0
102	964 Cotton St - GONE	0						0									
103	922 Cotton St	1	B	No		69	67.1	-1.9	66.6	-2.4	-0.5	Yes	No	Yes	1	1	1
104	906 Cotton St	1	B	No		68.5	66.6	-1.9	66.3	-2.2	-0.3	Yes	No	Yes	1	1	1
105	876 Cotton St	1	B	No		67.3	65.5	-1.8	65.3	-2.0	-0.2	No	No	No	1	0	0
106	855 Louise St	1	B	No		67.6	66.3	-1.3	65.6	-2.0	-0.7	No	No	No	1	1	0
107	853 Louise St	1	B	No		66.9	65.7	-1.2	65.0	-1.9	-0.7	No	No	No	1	0	0
108	851 Louise St	1	B	No		66.5	65.4	-1.1	64.8	-1.7	-0.6	No	No	No	1	0	0
109	926 Louise St	1	B	No		67.2	66.4	-0.8	65.7	-1.5	-0.7	No	No	No	1	1	0
110	1541 Utah St	1	B	No		68.8	67.8	-1	67.3	-1.5	-0.5	Yes	No	Yes	1	1	1
111	1555 Utah St	1	B	No		68.8	67.7	-1.1	67.2	-1.6	-0.5	Yes	No	Yes	1	1	1
112	866 Louise St	1	B	No		66.9	66.2	-0.7	65.6	-1.3	-0.6	No	No	No	1	1	0
113	1520 Utah St	1	B	No		67.1	66.4	-0.7	65.6	-1.5	-0.8	No	No	No	1	1	0
114	1530 Utah St	1	B	No		66.9	66.4	-0.5	65.6	-1.3	-0.8	No	No	No	1	1	0
115	1542 Utah St	1	B	No		66.9	66.4	-0.5	65.6	-1.3	-0.8	No	No	No	1	1	0
116	1550 Utah St	1	B	No		66.7	66.3	-0.4	65.6	-1.1	-0.7	No	No	No	1	1	0
117	1558 Utah St	1	B	No		66.5	66.2	-0.3	65.3	-1.2	-0.9	No	No	No	1	1	0
118	1564 Utah St	1	B	No		66.6	66.3	-0.3	65.2	-1.4	-1.1	No	No	No	1	1	0
119	1567 Thomas H Delpit Dr	1	B	No		63.5	63.4	-0.1	63.5	0.0	0.1	No	No	No	0	0	0
120	New Jerusalem Bapt Church (no ext use)	1	D	No		39.7	39	-0.7	38.3	-1.4	-0.7	No	No	No	0	0	0
121	831 Lettsworth Dr - GONE	0						0									
122	1669 Thomas H Delpit Dr	1	B	No		65.8	65.8	0	64.9	-0.9	-0.9	No	No	No	0	0	0
123	1649 Thomas H Delpit Dr	1	B	No		64.6	64.6	0	63.8	-0.8	-0.8	No	No	No	0	0	0
124	928 Lettsworth Dr	1	B	No		67.7	67	-0.7	66.3	-1.4	-0.7	Yes	No	Yes	1	1	1
125	912 Lettsworth Dr	1	B	No		67.1	66.7	-0.4	65.7	-1.4	-1.0	No	No	No	1	1	0
126	Neeley UM Church (no ext)	1	D	No		43.1	45	1.9	40.3	-2.8	-4.7	No	No	No	0	0	0
127	606 Myrtle St	1	B	No		67.1	67.6	0.5	66.5	-0.6	-1.1	Yes	No	Yes	1	1	1
128	608 Myrtle St	1	B	No		67.2	67.7	0.5	66.5	-0.7	-1.2	Yes	No	Yes	1	1	1
129	610 Myrtle St	1	B	No		67.3	67.7	0.4	66.5	-0.8	-1.2	Yes	No	Yes	1	1	1
130	614 Myrtle St	1	B	No		67.3	67.8	0.5	66.6	-0.7	-1.2	Yes	No	Yes	1	1	1
131	616 Myrtle St	1	B	No		67.2	67.8	0.6	66.6	-0.6	-1.2	Yes	No	Yes	1	1	1
132	618 Myrtle St	1	B	No		67.2	67.8	0.6	66.6	-0.6	-1.2	Yes	No	Yes	1	1	1
133	1121 Royal St	1	B	No		64.5	65.1	0.6	63.9	-0.6	-1.2	No	No	No	0	0	0
134	1123 Royal St	1	B	No		64.6	65.3	0.7	64.0	-0.6	-1.3	No	No	No	0	0	0

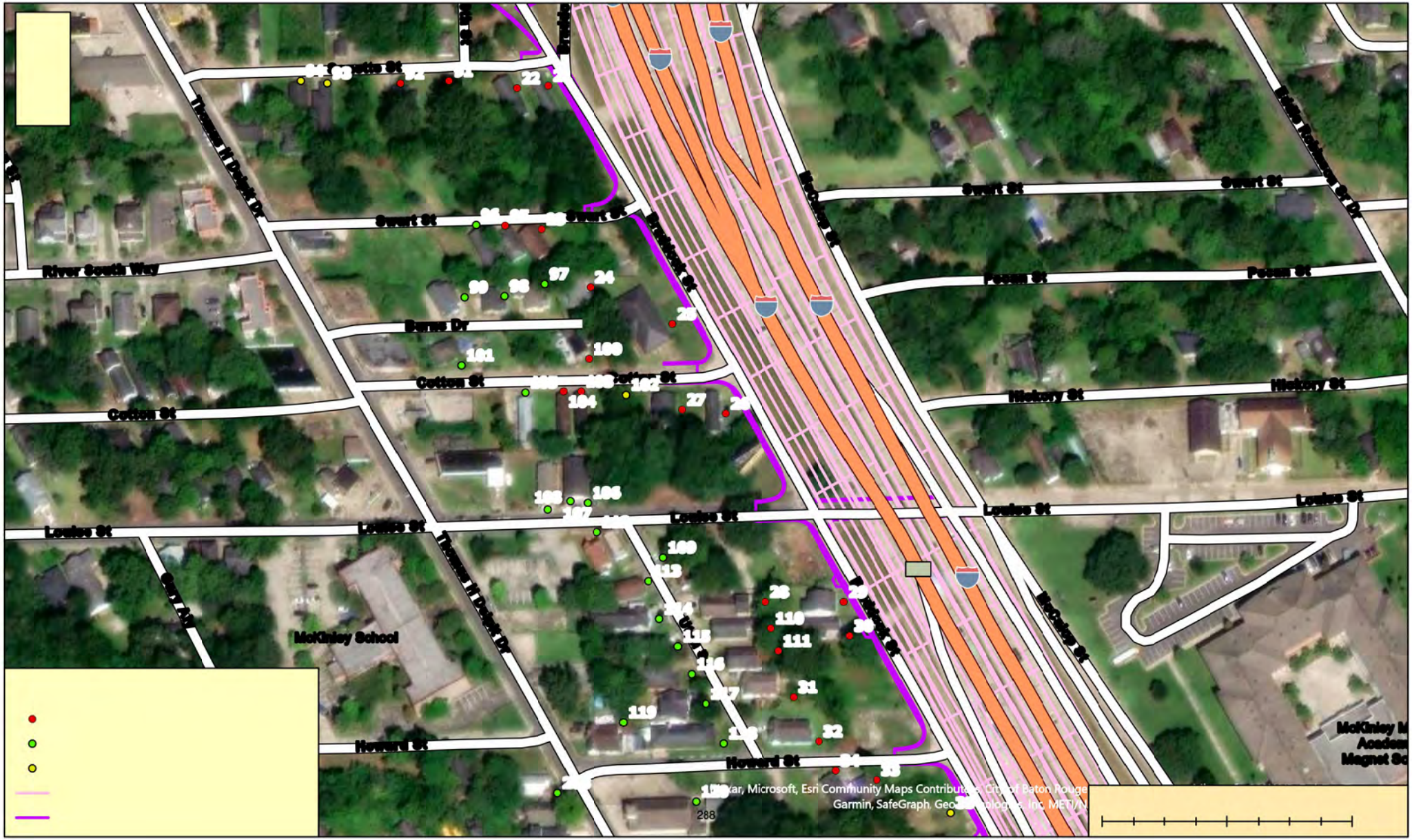
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
135	1125 Royal St	1	B	No		61.7	62.6	0.9	61.4	-0.3	-1.2	No	No	No	0	0	0
136	1127 Royal St	1	B	No		59.4	61.1	1.7	60.3	0.9	-0.8	No	No	No	0	0	0
137	1129 Royal St	1	B	No		62.1	63.6	1.5	62.5	0.4	-1.1	No	No	No	0	0	0
138	601 Julia St	1	B	No		60.2	61.1	0.9	59.8	-0.4	-1.3	No	No	No	0	0	0
139	627 Julia St	1	B	No		61.1	62.3	1.2	61.2	0.1	-1.1	No	No	No	0	0	0
140	635 Julia St	1	B	No		61.1	62.3	1.2	61.2	0.1	-1.1	No	No	No	0	0	0
141	1110 Napolean St	1	B	No		64.6	64.9	0.3	63.7	-0.9	-1.2	No	No	No	0	0	0
142	1114 Napolean St	1	B	No		63.8	64.4	0.6	63.2	-0.6	-1.2	No	No	No	0	0	0
143	1116 Napolean St	1	B	No		63.6	64.2	0.6	63.0	-0.6	-1.2	No	No	No	0	0	0
144	1122 Napolean St	1	B	No		62.8	63.4	0.6	62.3	-0.5	-1.1	No	No	No	0	0	0
145	1124 Napolean St	1	B	No		64.9	65.8	0.9	64.6	-0.3	-1.2	No	No	No	0	0	0
146	1126 Napolean St	1	B	No		62.7	63.4	0.7	62.3	-0.4	-1.1	No	No	No	0	0	0
147	1128 Napolean St	1	B	No		61.8	62.8	1	61.8	0.0	-1.0	No	No	No	0	0	0
148	1130 Napolean St	1	B	No		62	62.7	0.7	61.6	-0.4	-1.1	No	No	No	0	0	0
149	1136 Napolean St	1	B	No		61.7	62.5	0.8	61.4	-0.3	-1.1	No	No	No	0	0	0
150	1140 Napolean St	1	B	No		61.1	61.9	0.8	60.9	-0.2	-1.0	No	No	No	0	0	0
151	1142 Napolean St	1	B	No		61	61.7	0.7	60.7	-0.3	-1.0	No	No	No	0	0	0
152	1144 Napolean St	1	B	No		60.8	61.6	0.8	60.6	-0.2	-1.0	No	No	No	0	0	0
153	1146 Napolean St	1	B	No		60.4	61.2	0.8	60.2	-0.2	-1.0	No	No	No	0	0	0
154	704 Myrtle St	1	B	No		66.9	67.4	0.5	66.3	-0.6	-1.1	Yes	No	Yes	1	1	1
155	706 Myrtle St	1	B	No		66.9	67.4	0.5	66.2	-0.7	-1.2	Yes	No	Yes	1	1	1
156	708 Myrtle St	1	B	No		66.6	67.2	0.6	66.1	-0.5	-1.1	Yes	No	Yes	1	1	1
157	710 Myrtle St	1	B	No		65.5	66	0.5	64.8	-0.7	-1.2	No	No	No	0	1	0
158	714 Myrtle St	1	B	No		66.6	66.9	0.3	65.8	-0.8	-1.1	No	No	No	1	1	0
159	722 Myrtle St	1	B	No		66.5	66.7	0.2	65.6	-0.9	-1.1	No	No	No	1	1	0
160	1111 Napolean St	1	B	No		65	65.6	0.6	64.4	-0.6	-1.2	No	No	No	0	0	0
161	1113 Napolean St	1	B	No		64.3	65	0.7	63.9	-0.4	-1.1	No	No	No	0	0	0
162	1115 Napolean St	1	B	No		63.9	64.7	0.8	63.5	-0.4	-1.2	No	No	No	0	0	0
163	1119 Napolean St	1	B	No		63.1	64.1	1	62.9	-0.2	-1.2	No	No	No	0	0	0
164	1123 Napolean St	1	B	No		62.7	63.8	1.1	62.6	-0.1	-1.2	No	No	No	0	0	0
165	1129 Napolean St	1	B	No		61.9	63	1.1	61.9	0.0	-1.1	No	No	No	0	0	0
166	1139 Napolean St	1	B	No		61.3	62.5	1.2	61.4	0.1	-1.1	No	No	No	0	0	0
167	1145 Napolean St	1	B	No		62.2	62.9	0.7	61.9	-0.3	-1.0	No	No	No	0	0	0
168	707 Julia St	1	B	No		62.8	63.6	0.8	62.5	-0.3	-1.1	No	No	No	0	0	0

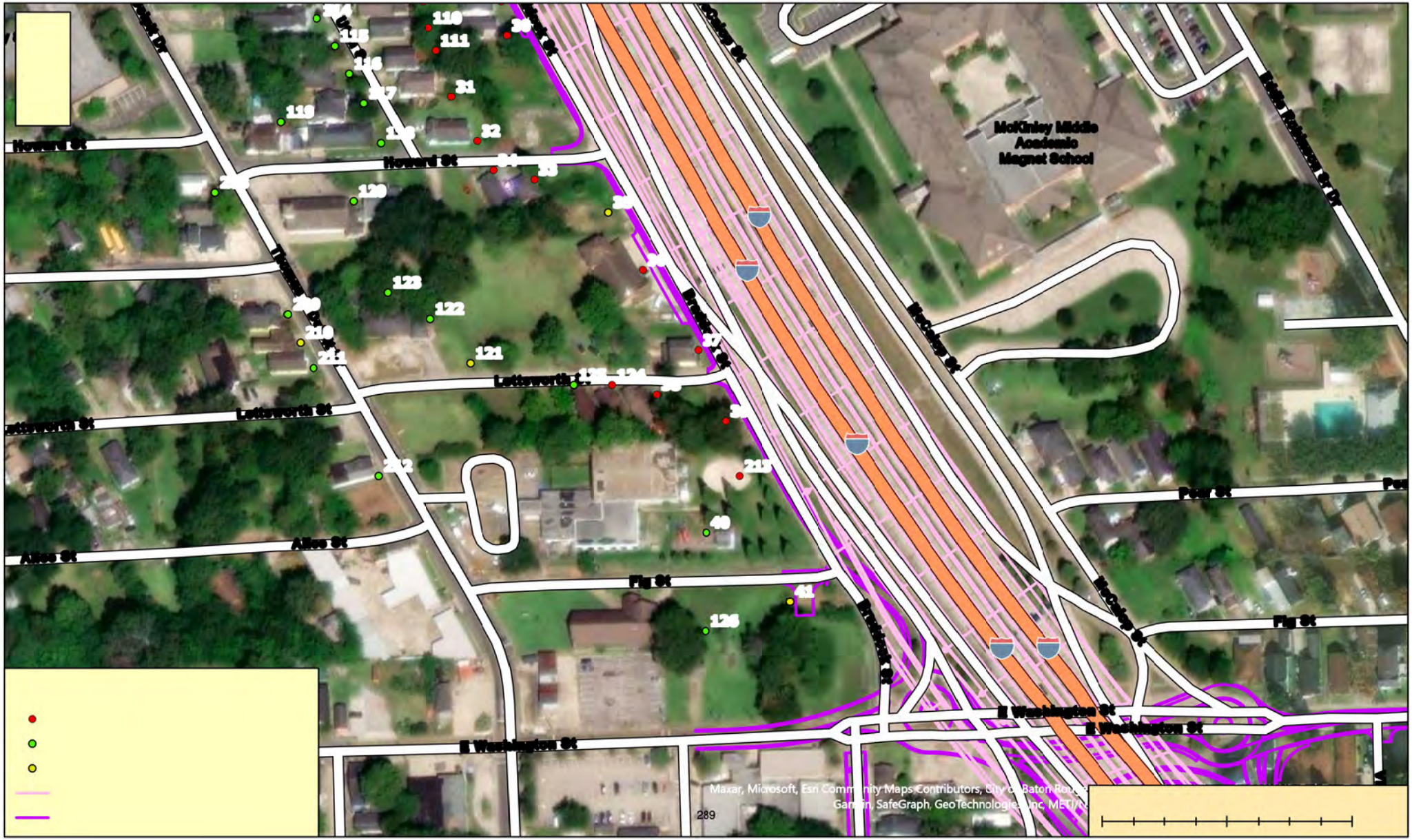
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
169	713 Julia St	1	B	No		62.9	63.6	0.7	62.5	-0.4	-1.1	No	No	No	0	0	0
170	715 Julia St	1	B	No		62.9	63.5	0.6	62.4	-0.5	-1.1	No	No	No	0	0	0
171	725 Julia St	1	B	No		62.9	63.5	0.6	62.4	-0.5	-1.1	No	No	No	0	0	0
172	1108 St Joseph St	1	B	No		64.3	64.1	-0.2	63.0	-1.3	-1.1	No	No	No	0	0	0
173	1110 St Joseph St	1	B	No		63.8	63.8	0	62.7	-1.1	-1.1	No	No	No	0	0	0
174	1112 St Joseph St	1	B	No		63.8	64.9	1.1	63.7	-0.1	-1.2	No	No	No	0	0	0
175	1114 St Joseph St	1	B	No		63.2	63.3	0.1	62.2	-1.0	-1.1	No	No	No	0	0	0
176	1120 St Joseph St	1	B	No		64	64.5	0.5	63.4	-0.6	-1.1	No	No	No	0	0	0
177	1122 St Joseph St	1	B	No		62.6	62.6	0	61.7	-0.9	-0.9	No	No	No	0	0	0
178	1126 St Joseph St	1	B	No		62.9	63.1	0.2	62.2	-0.7	-0.9	No	No	No	0	0	0
179	814 Myrtle St	1	B	No		66.4	66.1	-0.3	65.3	-1.1	-0.8	No	No	No	1	1	0
180	820 Myrtle St	1	B	No		66.3	65.9	-0.4	65.1	-1.2	-0.8	No	No	No	1	0	0
181	836 Myrtle St	1	B	No		67	66.4	-0.6	65.8	-1.2	-0.6	No	No	No	1	1	0
182	840 Myrtle St	1	B	No		67.1	66.6	-0.5	66.0	-1.1	-0.6	Yes	No	Yes	1	1	1
183	1102 Maximillian St	1	B	No		67	66.4	-0.6	65.9	-1.1	-0.5	No	No	No	1	1	0
184	1105 St Joseph St	1	B	No		64.5	64.4	-0.1	63.3	-1.2	-1.1	No	No	No	0	0	0
185	1107 St Joseph St	1	B	No		63.8	63.8	0	62.7	-1.1	-1.1	No	No	No	0	0	0
186	1119 St Joseph St	1	B	No		63.1	63.3	0.2	62.5	-0.6	-0.8	No	No	No	0	0	0
187	1121 St Joseph St	1	B	No		63.2	63.4	0.2	62.5	-0.7	-0.9	No	No	No	0	0	0
188	1127 St Joseph St	1	B	No		63.3	63.1	-0.2	62.4	-0.9	-0.7	No	No	No	0	0	0
189	815 Julia St	1	B	No		63.9	63.8	-0.1	63.2	-0.7	-0.6	No	No	No	0	0	0
190	821 Julia St	1	B	No		63.6	63.7	0.1	63.1	-0.5	-0.6	No	No	No	0	0	0
191	823 Julia St	1	B	No		63.6	63.6	0	63.0	-0.6	-0.6	No	No	No	0	0	0
192	1106 Maximillian St	1	B	No		66.3	65.5	-0.8	65.0	-1.3	-0.5	No	No	No	1	0	0
193	1118 Maximillian St	1	B	No		65.8	64.9	-0.9	64.5	-1.3	-0.4	No	No	No	0	0	0
194	1122 Maximillian St	1	B	No		65.5	64.7	-0.8	64.3	-1.2	-0.4	No	No	No	0	0	0
195	1124 Maximillian St	1	B	No		65.2	64.6	-0.6	64.1	-1.1	-0.5	No	No	No	0	0	0
196	1128 Maximillian St	1	B	No		65	64.4	-0.6	63.9	-1.1	-0.5	No	No	No	0	0	0
197	1132 Maximillian St - GONE	0						0									
198	1107 Maximillian St	1	B	No		66.8	65.9	-0.9	65.7	-1.1	-0.2	No	No	No	1	0	0
199	1113 Maximillian St	1	B	No		66.8	65.9	-0.9	65.5	-1.3	-0.4	No	No	No	1	0	0
200	1119 Maximillian St	1	B	No		66.5	65.6	-0.9	65.2	-1.3	-0.4	No	No	No	1	0	0
201	1121 Maximillian St	1	B	No		66.2	65.4	-0.8	65.0	-1.2	-0.4	No	No	No	1	0	0
202	1123 Maximillian St	1	B	No		66	65.2	-0.8	64.8	-1.2	-0.4	No	No	No	1	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
203	1133 Maximillian St	1	B	No		65.4	64.5	-0.9	64.1	-1.3	-0.4	No	No	No	0	0	0
204	913 Julia St	1	B	No		65.8	65.1	-0.7	64.6	-1.2	-0.5	No	No	No	0	0	0
205	915 Julia St	1	B	No		66.2	65.5	-0.7	65.1	-1.1	-0.4	No	No	No	1	0	0
206	953 Julia St	1	B	No		66.4	65.6	-0.8	65.2	-1.2	-0.4	No	No	No	1	0	0
207	1203 Thomas H Delpit Dr	1	B	No		65.8	64.9	-0.9	64.5	-1.3	-0.4	No	No	No	0	0	0
208	1608 Thomas H Delpit Dr	1	B	No		62.2	62.1	-0.1	61.7	-0.5	-0.4	No	No	No	0	0	0
209	1652 Thomas H Delpit Dr	1	B	No		57.5	58.3	0.8	57.9	0.4	-0.4	No	No	No	0	0	0
210	1662 Thomas H Delpit Dr - GONE	0						0									
211	1668 Thomas H Delpit Dr	1	B	No		56.7	58	1.3	57.9	1.2	-0.1	No	No	No	0	0	0
212	1718 Thomas H Delpit Dr	1	B	No		60.5	61.3	0.8	60.8	0.3	-0.5	No	No	No	0	0	0
213	Baranco Clark YMCA Playground North	1	C	Yes	90	72.2	72.2	0	70.9	-1.3	-1.3	Yes	No	Yes	1	1	1
214	996 Terrace St	1	B	Yes	156	72.1	69.6	-2.5	70.5	-1.6	0.9	Yes	No	Yes	1	1	1
215	915 Myrtle St	1	B	Yes	101	70.8	70.9	0.1	70.5	-0.3	-0.4	Yes	No	Yes	1	1	1
216	1006 Julia St	1	B	Yes	27	75.9	74.9	-1	74.1	-1.8	-0.8	Yes	No	Yes	1	1	1
															Total	Total	Total
					Min	39.7	39	-4.9	38.3	-4.5	-4.7				132	114	99
					Max	76.4	75.9	1.9	74.9	1.8	2.2						


South Blvd
Myrtle St
Julia St
Swan
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N
286


Myrtle St
Julia St
Terrace Ave
Cary Aly
St Francis Xavier Catholic Religious Education Office
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
SafeGraph, GeoTechnologies, Inc, METI/N


River South Way
Swart St
Burns Dr
Cotton St
Lovelace St
Howard St
Pecan St
Hickory St
McKinley School
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N
288


McKinley Middle
Academic
Magnet School
Howard St
Lotteworth St
Allen St
Fig St
E Washington St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
289

Appendix E

EB2 NSA Results

EB2 NSA Results

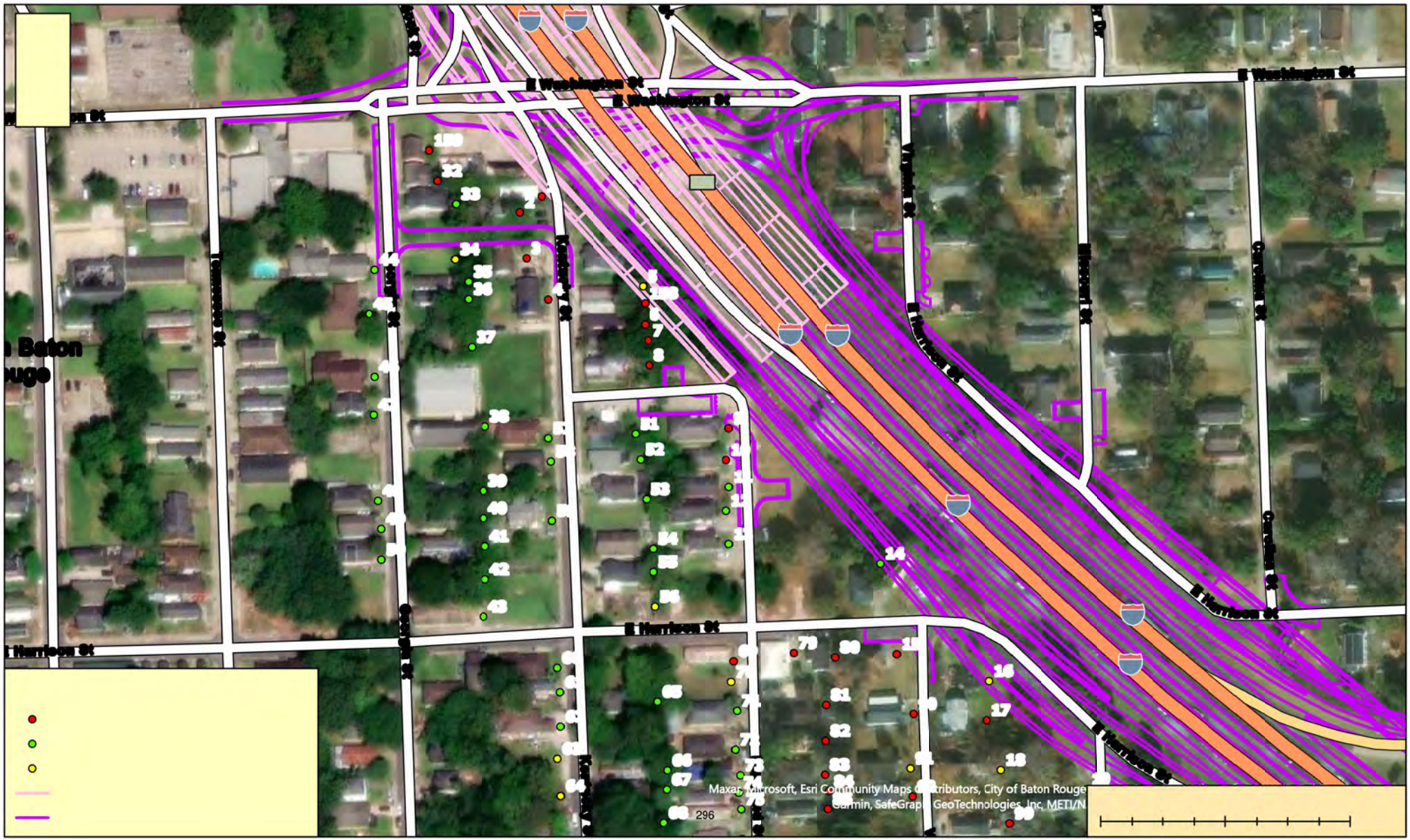
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
1	1824 Kentucky St	1	B	Yes	86	72.2	72.9	0.7	70.8	-1.4	-2.1	Yes	No	Yes	1	1	1
2	1820 Kentucky St	1	B	Yes	104	70.8	71.5	0.7	69.7	-1.1	-1.8	Yes	No	Yes	1	1	1
3	1840 Kentucky St	1	B	Yes	152	70.2	70	-0.2	68.5	-1.7	-1.5	Yes	No	Yes	1	1	1
4	1844 Kentucky St	1	B	Yes	163	70.6	70.2	-0.4	68.6	-2	-1.6	Yes	No	Yes	1	1	1
5	1851 Kentucky St - GONE	0															
6	1859 Kentucky St	1	B	Yes	107	69.7	70.5	0.8	69.8	0.1	-0.7	Yes	No	Yes	1	1	1
7	1867 Kentucky St	1	B	Yes	124	70.2	70.9	0.7	69.9	-0.3	-1	Yes	No	Yes	1	1	1
8	1879 Kentucky St	1	B	Yes	147	70	70.6	0.6	69.2	-0.8	-1.4	Yes	No	Yes	1	1	1
9	1920 Maryland St	1	B	Yes	114	73.1	73.9	0.8	69.4	-3.7	-4.5	Yes	No	Yes	1	1	1
10	1926 Maryland St	1	B	Yes	160	72.2	72.8	0.6	68.3	-3.9	-4.5	Yes	No	Yes	1	1	1
11	1934 Maryland St	1	B	Yes		71.5	72.5	1	65.5	-6	-7	No	No	No	1	1	0
12	1940 Maryland St	1	B	Yes		70.6	72.1	1.5	65.5	-5.1	-6.6	No	No	No	1	1	0
13	1952 Maryland St	1	B	Yes		69.9	71.3	1.4	65.9	-4	-5.4	No	No	No	1	1	0
14	1159 E Harrison St	1	B	Yes		74.7	75.6	0.9	63.6	-11.1	-12	No	No	No	1	1	0
15	2002 Virginia St	1	B	Yes		72.8	73.3	0.5	67.8	-5	-5.5	Yes	No	Yes	1	1	1
16	2019 Virginia St - GONE	0															
17	2041 Virginia St	1	B	Yes		71.8	70.9	-0.9	66.1	-5.7	-4.8	Yes	No	Yes	1	1	1
18	2053 Virginia St - GONE	0															
19	2042 Missouri St	1	B	Yes		69.9	66.1	-3.8	64.4	-5.5	-1.7	No	No	No	1	1	0
20	2060 Missouri St	1	B	Yes		68.6	66.9	-1.7	65.6	-3	-1.3	No	No	No	1	1	0
21	2065 Missouri St	1	B	Yes		70.4	67.1	-3.3	67.4	-3	0.3	Yes	No	Yes	1	1	1
22	2109 Missouri St	1	B	Yes		69	67.3	-1.7	67.3	-1.7	0	Yes	No	Yes	1	1	1
23	2122 Carolina St - GONE	0															
24	2130 Carolina St	1	B	Yes		69.4	70.9	1.5	69.8	0.4	-1.1	Yes	No	Yes	1	1	1
25	2160 Carolina St	1	B	No		67	68.1	1.1	67	0	-1.1	Yes	No	Yes	1	1	1
26	2175 Carolina St	1	B	Yes		72.3	74.4	2.1	73.2	0.9	-1.2	Yes	No	Yes	1	1	1
27	East Polk St Park (Bball)	1	C	Yes		71.1	73.9	2.8	72.6	1.5	-1.3	Yes	No	Yes	1	1	1
28	East Polk St Park (Playground)	1	C	Yes		67.5	70.5	3	68.7	1.2	-1.8	Yes	No	Yes	1	1	1
29	East Pol St Park (Baseball)	1	C	Yes		68.1	71	2.9	69.4	1.3	-1.6	Yes	No	Yes	1	1	1
30	2360 Dalrymple Dr	1	B	Yes		71.8	70.6	-1.2	69.7	-2.1	-0.9	Yes	No	Yes	1	1	1
31	2424 Dalrymple Dr	1	B	Yes		68.6	67.3	-1.3	66.5	-2.1	-0.8	Yes	No	Yes	1	1	1

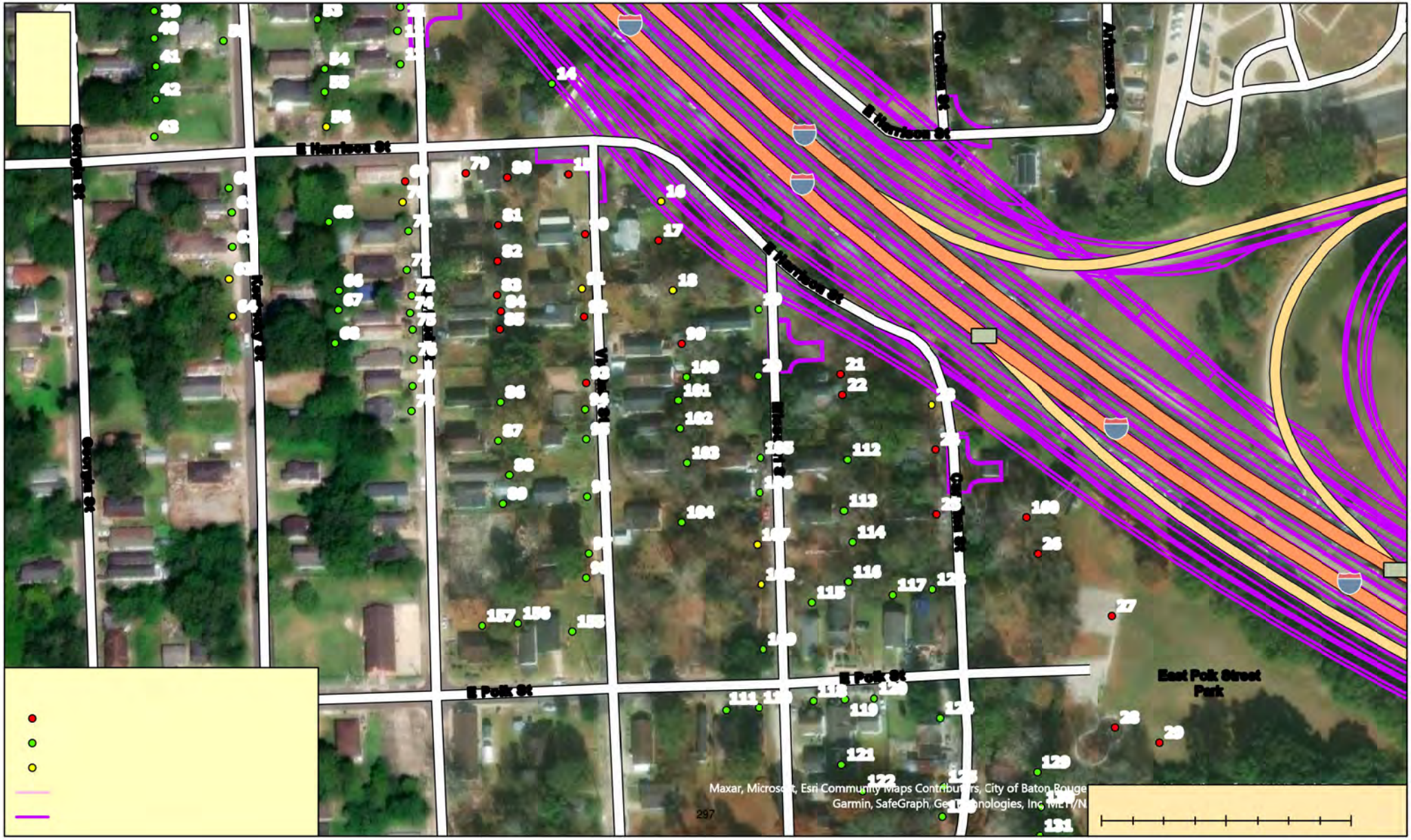
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
32	1813 Georgia St	1	B	No	168	67.6	67.7	0.1	67.3	-0.3	-0.4	Yes	No	Yes	1	1	1
33	1815 Georgia St	1	B	No	193	63.6	63.8	0.2	62.4	-1.2	-1.4	No	No	No	0	0	0
34	1837 Georgia St - GONE	0															
35	1839 Georgia St	1	B	No		65	64.7	-0.3	62.8	-2.2	-1.9	No	No	No	0	0	0
36	1841 Georgia St	1	B	No		65	64.8	-0.2	62.4	-2.6	-2.4	No	No	No	0	0	0
37	1849 Georgia St	1	B	No		64.8	65	0.2	62.9	-1.9	-2.1	No	No	No	0	0	0
38	Calvary Third Bapt Ch (no ext use)	1	D	No		39.9	40.5	0.6	38.9	-1	-1.6	No	No	No	0	0	0
39	1937 Georgia St	1	B	No		64.3	64.9	0.6	63.3	-1	-1.6	No	No	No	0	0	0
40	1949 Georgia St	1	B	No		63.8	64.5	0.7	62.9	-0.9	-1.6	No	No	No	0	0	0
41	1955 Georgia St	1	B	No		63.5	64.3	0.8	62.9	-0.6	-1.4	No	No	No	0	0	0
42	1963 Georgia St	1	B	No		63.1	64.2	1.1	62.8	-0.3	-1.4	No	No	No	0	0	0
43	1967 Georgia St	1	B	No		62.8	63.9	1.1	62.5	-0.3	-1.4	No	No	No	0	0	0
44	1838 Georgia St	1	B	No		64.9	64.9	0	63.1	-1.8	-1.8	No	No	No	0	0	0
45	1850 Georgia St	1	B	No		65.1	65.1	0	63.1	-2	-2	No	No	No	0	0	0
46	1870 Georgia St	1	B	No		63.8	64	0.2	62.6	-1.2	-1.4	No	No	No	0	0	0
47	1904 Georgia St	1	B	No		63.2	63.7	0.5	62.2	-1	-1.5	No	No	No	0	0	0
48	1942 Georgia St	1	B	No		62.4	63.1	0.7	61.7	-0.7	-1.4	No	No	No	0	0	0
49	1950 Georgia St	1	B	No		62.1	62.8	0.7	61.5	-0.6	-1.3	No	No	No	0	0	0
50	1956 Georgia St	1	B	No		61.7	62.3	0.6	61.2	-0.5	-1.1	No	No	No	0	0	0
51	1923 Kentucky St	1	B	No		68.1	69	0.9	65.2	-2.9	-3.8	No	No	No	1	1	0
52	1939 Kentucky St	1	B	No		67.6	68	0.4	64.5	-3.1	-3.5	No	No	No	1	1	0
53	1943 Kentucky St	1	B	No		68	68.5	0.5	65.1	-2.9	-3.4	No	No	No	1	1	0
54	1955 Kentucky St	1	B	No		67.2	68.7	1.5	65.3	-1.9	-3.4	No	No	No	1	1	0
55	1965 Kentucky St	1	B	No		66.8	68.4	1.6	64.9	-1.9	-3.5	No	No	No	1	1	0
56	1973 Kentucky St - GONE	0															
57	1920 Kentucky St	1	B	No		66.7	67.2	0.5	64.9	-1.8	-2.3	No	No	No	1	1	0
58	1934 Kentucky St	1	B	No		66.3	66.8	0.5	64.9	-1.4	-1.9	No	No	No	1	1	0
59	1948 Kentucky St	1	B	No		65.2	65.7	0.5	63.9	-1.3	-1.8	No	No	No	0	0	0
60	942 E Harrison St	1	B	No		63.4	64.6	1.2	62.8	-0.6	-1.8	No	No	No	0	0	0
61	2010 Kentucky St	1	B	No		62.8	64.1	1.3	62.4	-0.4	-1.7	No	No	No	0	0	0
62	2018 Kentucky St	1	B	No		62.2	63.5	1.3	61.8	-0.4	-1.7	No	No	No	0	0	0
63	2026 Kentucky St - GONE	0															
64	2028 Kentucky St - GONE	0															

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
65	2009 Kentucky St	1	B	No		64.3	65.5	1.2	63.6	-0.7	-1.9	No	No	No	0	0	0
66	2033 Kentucky St	1	B	No		62.8	64.2	1.4	62.3	-0.5	-1.9	No	No	No	0	0	0
67	2039 Kentucky St	1	B	No		62.4	63.8	1.4	61.8	-0.6	-2	No	No	No	0	0	0
68	2055 Kentucky St	1	B	No		62	63.3	1.3	61.5	-0.5	-1.8	No	No	No	0	0	0
69	2002 Maryland St	1	B	No		67.4	68.4	1	66.1	-1.3	-2.3	Yes	No	Yes	1	1	1
70	2010 Maryland St - GONE	0															
71	2016 Maryland St	1	B	No		66	67	1	65.1	-0.9	-1.9	No	No	No	1	1	0
72	2028 Maryland St	1	B	No		65.4	66.4	1	64.5	-0.9	-1.9	No	No	No	0	1	0
73	2034 Maryland St	1	B	No		65	66	1	64.2	-0.8	-1.8	No	No	No	0	1	0
74	2042 Maryland St	1	B	No		64.5	65.6	1.1	63.9	-0.6	-1.7	No	No	No	0	0	0
75	2044 Maryland St	1	B	No		64.4	65.5	1.1	63.8	-0.6	-1.7	No	No	No	0	0	0
76	2054 Maryland St	1	B	No		63.9	65	1.1	63.3	-0.6	-1.7	No	No	No	0	0	0
77	2060 Maryland St	1	B	No		63.3	64.5	1.2	62.8	-0.5	-1.7	No	No	No	0	0	0
78	2112 Maryland St	1	B	No		63	64.2	1.2	62.6	-0.4	-1.6	No	No	No	0	0	0
79	1104 E Harrison St	1	B	No		69.2	70	0.8	67.3	-1.9	-2.7	Yes	No	Yes	1	1	1
80	1108 E Harrison St	1	B	No		70.4	71	0.6	68	-2.4	-3	Yes	No	Yes	1	1	1
81	2015 Maryland St	1	B	No		69.6	70	0.4	68.1	-1.5	-1.9	Yes	No	Yes	1	1	1
82	2025 Maryland St	1	B	No		68.9	69.4	0.5	67.7	-1.2	-1.7	Yes	No	Yes	1	1	1
83	2033 Maryland St	1	B	No		68.1	68.8	0.7	67.1	-1	-1.7	Yes	No	Yes	1	1	1
84	2039 Maryland St	1	B	No		67.9	68.6	0.7	66.9	-1	-1.7	Yes	No	Yes	1	1	1
85	2045 Maryland St	1	B	No		67.6	68.3	0.7	66.6	-1	-1.7	Yes	No	Yes	1	1	1
86	2103 Maryland St	1	B	No		66.5	67.4	0.9	65.7	-0.8	-1.7	No	No	No	1	1	0
87	2121 Maryland St	1	B	No		66	66.9	0.9	65.3	-0.7	-1.6	No	No	No	1	1	0
88	2135 Maryland St	1	B	No		65.8	66.6	0.8	65.1	-0.7	-1.5	No	No	No	0	1	0
89	2147 Maryland St	1	B	No		65.5	66.3	0.8	64.8	-0.7	-1.5	No	No	No	0	1	0
90	2036 Virginia St	1	B	No		71.8	72.2	0.4	68.9	-2.9	-3.3	Yes	No	Yes	1	1	1
91	2056 Virginia St - GONE	0															
92	2072 Virginia St	1	B	No		69.9	70.3	0.4	68.5	-1.4	-1.8	Yes	No	Yes	1	1	1
93	2076 Virginia St	1	B	No		67.8	68.4	0.6	66.3	-1.5	-2.1	Yes	No	Yes	1	1	1
94	2110 Virginia St	1	B	No		67	67.7	0.7	65.7	-1.3	-2	No	No	No	1	1	0
95	2120 Virginia St	1	B	No		66.9	67.7	0.8	65.9	-1	-1.8	No	No	No	1	1	0
96	2140 Virginia St	1	B	No		66.2	67	0.8	65.3	-0.9	-1.7	No	No	No	1	1	0
97	2164 Virginia St	1	B	No		65.4	66.4	1	64.7	-0.7	-1.7	No	No	No	0	1	0
98	2174 Virginia St	1	B	No		65.2	66.2	1	64.5	-0.7	-1.7	No	No	No	0	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
99	2079 Virginia St	1	B	No		68.5	68.2	-0.3	66.3	-2.2	-1.9	Yes	No	Yes	1	1	1
100	2085 Virginia St	1	B	No		67.4	66.7	-0.7	65.3	-2.1	-1.4	No	No	No	1	1	0
101	2111 Virginia St	1	B	No		66.6	66.1	-0.5	64.7	-1.9	-1.4	No	No	No	1	1	0
102	2115 Virginia St	1	B	No		65.8	65.4	-0.4	63.8	-2	-1.6	No	No	No	0	0	0
103	2129 Virginia St	1	B	No		65	64.7	-0.3	63.2	-1.8	-1.5	No	No	No	0	0	0
104	2149 Virginia St	1	B	No		63.6	63.6	0	62	-1.6	-1.6	No	No	No	0	0	0
105	2136 Missouri St	1	B	No		66.8	66.1	-0.7	64.9	-1.9	-1.2	No	No	No	1	1	0
106	2148 Missouri St	1	B	No		65.6	65.1	-0.5	63.8	-1.8	-1.3	No	No	No	0	0	0
107	2178 Missouri St - GONE	0															
108	2186 Missouri St - GONE	0															
109	1157 E Polk St	1	B	No		62	62.1	0.1	60.7	-1.3	-1.4	No	No	No	0	0	0
110	1158 E Polk St	1	B	No		60.2	60.6	0.4	59.3	-0.9	-1.3	No	No	No	0	0	0
111	1156 E Polk St	1	B	No		59.9	60.3	0.4	58.9	-1	-1.4	No	No	No	0	0	0
112	2135 Missouri St	1	B	No		66.8	66.1	-0.7	65.2	-1.6	-0.9	No	No	No	1	1	0
113	2161 Missouri St	1	B	No		64.9	64.9	0	63.6	-1.3	-1.3	No	No	No	0	0	0
114	2173 Missouri St	1	B	No		64.5	64.7	0.2	63.3	-1.2	-1.4	No	No	No	0	0	0
115	1209 E Polk St	1	B	No		62.6	63	0.4	61.6	-1	-1.4	No	No	No	0	0	0
116	1211 E Polk St	1	B	No		63.3	63.6	0.3	62.2	-1.1	-1.4	No	No	No	0	0	0
117	1221 E Polk St	1	B	No		63.2	63.7	0.5	62.3	-0.9	-1.4	No	No	No	0	0	0
118	1206 E Polk St	1	B	No		60.2	60.6	0.4	59.3	-0.9	-1.3	No	No	No	0	0	0
119	1210 E Polk St	1	B	No		59.9	60.5	0.6	59.1	-0.8	-1.4	No	No	No	0	0	0
120	1212 E Polk St	1	B	No		59.3	60.3	1	58.9	-0.4	-1.4	No	No	No	0	0	0
121	2201 Missouri St	1	B	No		58.9	59.9	1	58.4	-0.5	-1.5	No	No	No	0	0	0
122	2221 Missouri St	1	B	No		58.7	59.9	1.2	58.5	-0.2	-1.4	No	No	No	0	0	0
123	1229 E Polk St	1	B	No		65.3	66.7	1.4	65	-0.3	-1.7	No	No	No	0	1	0
124	1236 E Polk St	1	B	No		62.5	64.2	1.7	62.4	-0.1	-1.8	No	No	No	0	0	0
125	2236 Carolina St	1	B	No		60	61.9	1.9	59.7	-0.3	-2.2	No	No	No	0	0	0
126	2266 Carolina St	1	B	No		58.1	60.1	2	57.9	-0.2	-2.2	No	No	No	0	0	0
127	2270 Carolina St	1	B	No		57	59.1	2.1	56.9	-0.1	-2.2	No	No	No	0	0	0
128	2282 Carolina St	1	B	No		55.8	57.7	1.9	55.7	-0.1	-2	No	No	No	0	0	0
129	2245 Carolina St	1	B	No		64.6	65.8	1.2	64.5	-0.1	-1.3	No	No	No	0	0	0
130	2249 Carolina St	1	B	No		63.7	65	1.3	63.5	-0.2	-1.5	No	No	No	0	0	0
131	2265 Carolina St	1	B	No		62.6	63.8	1.2	62.3	-0.3	-1.5	No	No	No	0	0	0
132	2269 Carolina St	1	B	No		61.9	62.8	0.9	61.2	-0.7	-1.6	No	No	No	0	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
133	2273 Carolina St	1	B	No		60.3	61.5	1.2	60	-0.3	-1.5	No	No	No	0	0	0
134	2289 Carolina St	1	B	No		58.8	60	1.2	58.3	-0.5	-1.7	No	No	No	0	0	0
135	1705 March St	1	B	No		64.8	66.6	1.8	64.9	0.1	-1.7	No	No	No	0	1	0
136	1735 March St	1	B	No		65.7	67.3	1.6	66.5	0.8	-0.8	Yes	No	Yes	0	1	1
137	1775 March St	1	B	No		67.1	68.4	1.3	67.3	0.2	-1.1	Yes	No	Yes	1	1	1
138	2408 July St	1	B	No		62.9	64.3	1.4	62.5	-0.4	-1.8	No	No	No	0	0	0
139	2412 July St	1	B	No		60.5	61.5	1	59.9	-0.6	-1.6	No	No	No	0	0	0
140	2430 July St	1	B	No		62.3	62.3	0	61.3	-1	-1	No	No	No	0	0	0
141	2407 July St	1	B	No		65.6	65.2	-0.4	64.4	-1.2	-0.8	No	No	No	0	0	0
142	2425 July St	1	B	No		60.9	61.3	0.4	60	-0.9	-1.3	No	No	No	0	0	0
143	2437 July St	1	B	No		59.9	60.4	0.5	59.2	-0.7	-1.2	No	No	No	0	0	0
144	2406 June St	1	B	No		65.6	65.6	0	64.5	-1.1	-1.1	No	No	No	0	0	0
145	2416 June St	1	B	No		62.7	63.2	0.5	61.9	-0.8	-1.3	No	No	No	0	0	0
146	2434 June St	1	B	No		60.6	61.1	0.5	59.8	-0.8	-1.3	No	No	No	0	0	0
147	2446 June St	1	B	No		59.2	59.9	0.7	58.3	-0.9	-1.6	No	No	No	0	0	0
148	2405 June St	1	B	No		66.7	66.4	-0.3	65.4	-1.3	-1	No	No	No	1	1	0
149	2425 June St	1	B	No		62.5	62.6	0.1	61.4	-1.1	-1.2	No	No	No	0	0	0
150	2435 June St	1	B	No		62.4	62.6	0.2	61.3	-1.1	-1.3	No	No	No	0	0	0
151	2519 June St	1	B	No		61.2	61.3	0.1	60.1	-1.1	-1.2	No	No	No	0	0	0
152	2502 Dalrymple Dr	1	B	No		66.4	65.8	-0.6	64.8	-1.6	-1	No	No	No	1	0	0
153	2436 Dalrymple Dr	1	B	No		65.4	64.8	-0.6	63.7	-1.7	-1.1	No	No	No	0	0	0
154	2528 Dalrymple Dr	1	B	No		63.8	63.3	-0.5	62	-1.8	-1.3	No	No	No	0	0	0
155	1055 E Polk St	1	B	No		64	65.2	1.2	63.5	-0.5	-1.7	No	No	No	0	0	0
156	1015-1017 E Polk	2	B	No		63.8	64.6	0.8	62.9	-0.9	-1.7	No	No	No	0	0	0
157	1005 E Polk	1	B	No		62.4	63.4	1	61.8	-0.6	-1.6	No	No	No	0	0	0
158	1855 Kentucky St	1	B	Yes	70	71.6	73.5	1.9	72.7	1.1	-0.8	Yes	No	Yes	1	1	1
159	1807 Georgia St	1	B	Yes	141	71.1	70.5	-0.6	69.2	-1.9	-1.3	Yes	No	Yes	1	1	1
160	2165 Carolina St	1	B	Yes		73.6	75.7	2.1	74.6	1	-1.1	Yes	No	Yes	1	1	1
															Total	Total	Total
															63	71	39
					Min	39.9	40.5	-3.8	38.9	-11.1	-12						
					Max	74.7	75.7	3	74.6	1.5	0.3						


E Washington St
E Harrison St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N
296


E Harrison St
E Polk St
East Polk Street Park
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N
297


East Polk Street Park
Buchanan Park
City Park Lake
March St
April St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N

Appendix F

WB2 NSA Results

WB2 NSA Results

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
1	1205 Fig St	1	B	Yes	155	72	70.8	-1.2	69.8	-2.2	-1	Yes	No	Yes	1	1	1
2	1134 Pear St	1	B	Yes	126	72.3	71.5	-0.8	70.1	-2.2	-1.4	Yes	No	Yes	1	1	1
3	1120 Pear St	1	B	Yes	107	73	72.3	-0.7	70.7	-2.3	-1.6	Yes	No	Yes	1	1	1
4	1185 Pear St	1	B	Yes	112	73.6	72.8	-0.8	71.3	-2.3	-1.5	Yes	No	Yes	1	1	1
5	Mckinley Middle Classroom Ext (West)	1	D	Yes	137	46.3	48.2	1.9	48.1	1.8	-0.1	No	No	No	0	0	0
6	McKinley Middle Classroom Ext (North)	1	D	Yes	179	41.8	46.1	4.3	46.1	4.3	0	No	No	No	0	0	0
7	1103 Louise St	1	B	Yes	30	74.9	73.9	-1	74.2	-0.7	0.3	Yes	No	Yes	1	1	1
8	1117 Louise St - GONE	0															
9	1125 Hickory St	1	B	Yes	138	71.7	70.3	-1.4	70.3	-1.4	0	Yes	No	Yes	1	1	1
10	1117 Pecan St	1	B	Yes	71	74.4	72.6	-1.8	72.9	-1.5	0.3	Yes	No	Yes	1	1	1
11	1120 Swart St - GONE	0															
12	1349 McCalop St - GONE	0															
13	1138 Terrace St	1	B	Yes	48	76.2	74.5	-1.7	74.3	-1.9	-0.2	Yes	No	Yes	1	1	1
14	1123 Terrace St	1	B	Yes	26	76.2	74.5	-1.7	74.3	-1.9	-0.2	Yes	No	Yes	1	1	1
15	1108 Julia St	1	B	Yes	44	76	74.8	-1.2	74.7	-1.3	-0.1	Yes	No	Yes	1	1	1
16	St Francis Xavier Ch (courtyard)	1	C	Yes	43	75.3	74.7	-0.6	74.7	-0.6	0	Yes	No	Yes	1	1	1
17	St Francis Xavier Ch (West)	1	D	Yes	48	50.8	51.1	0.3	51.1	0.3	0	Yes	No	Yes	0	1	1
18	1107 Myrtle St	1	B	Yes	86	73.5	71.8	-1.7	71.8	-1.7	0	Yes	No	Yes	1	1	1
19	927 S 11th St	1	B	Yes	50	74.7	72.9	-1.8	72.9	-1.8	0	Yes	No	Yes	1	1	1
20	1118 South St	1	B	Yes	112	73	70.8	-2.2	70.6	-2.4	-0.2	Yes	No	Yes	1	1	1
21	1073 South St	1	B	Yes	19	78.7	78	-0.7	78	-0.7	0	Yes	No	Yes	1	1	1
22	846 S 12th St	1	B	Yes	155	72.5	70.2	-2.3	70.1	-2.4	-0.1	Yes	No	Yes	1	1	1
23	824 S 12th St	1	B	Yes	165	72.1	69.8	-2.3	69.8	-2.3	0	Yes	No	Yes	1	1	1
24	810 S 12th St	1	B	Yes	155	72.1	69.7	-2.4	69.6	-2.5	-0.1	Yes	No	Yes	1	1	1
25	1084 Mayflower St	1	B	Yes	53	74.2	72.5	-1.7	72.4	-1.8	-0.1	Yes	No	Yes	1	1	1
26	714 S 12th St	1	B	Yes		70	66.3	-3.7	66	-4	-0.3	Yes	No	Yes	1	1	1
27	702 S 12th St	1	B	Yes		70.4	66.9	-3.5	66.4	-4	-0.5	Yes	No	Yes	1	1	1
28	Non-profits Buildings	1	D	Yes		45.5	41.9	-3.6	41.2	-4.3	-0.7	No	No	No	0	0	0
29	1223 E Washington St - GONE	0															
30	1229 E Washington St	1	B	Yes		68.3	67.3	-1	66.5	-1.8	-0.8	Yes	No	Yes	1	1	1
31	1235 E Washington St	1	B	No		66.9	66.3	-0.6	65.7	-1.2	-0.6	No	No	No	1	1	0

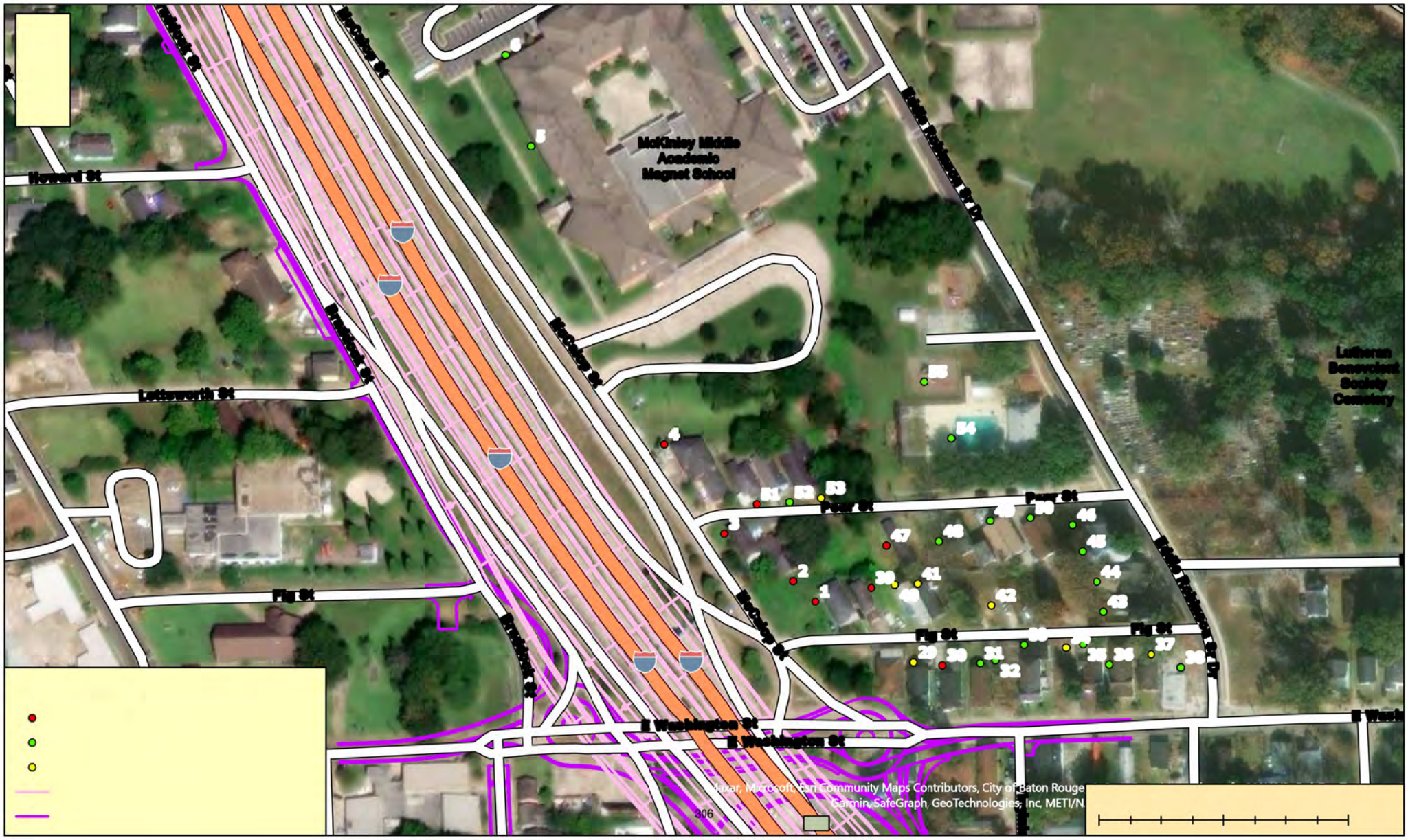
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
32	1237 E Washington St	1	B	No		66.9	66.4	-0.5	65.6	-1.3	-0.8	No	No	No	1	1	0
33	1303 E Washington St	1	B	No		66.3	65.8	-0.5	65.2	-1.1	-0.6	No	No	No	1	0	0
34	1305 E Washington St - GONE	0															
35	1319 E Washington St	1	B	No		65	64.7	-0.3	64.4	-0.6	-0.3	No	No	No	0	0	0
36	1321 E Washington St	1	B	No		64.1	63.9	-0.2	63.8	-0.3	-0.1	No	No	No	0	0	0
37	1325 E Washington St - GONE	0															
38	1327 E Washington St	1	B	No		62.9	63	0.1	62.8	-0.1	-0.2	No	No	No	0	0	0
39	1211 Fig St	1	B	No		68.3	67.2	-1.1	66.3	-2	-0.9	Yes	No	Yes	1	1	1
40	1237 Fig St - GONE	0															
41	1249 Fig St - GONE	0															
42	1263 Fig St - GONE	0															
43	1774 Eddie Robinson Sr Dr	1	B	No		64.6	64.5	-0.1	64.2	-0.4	-0.3	No	No	No	0	0	0
44	1768 Eddie Robinson Sr Dr	1	B	No		64.5	64.4	-0.1	64	-0.5	-0.4	No	No	No	0	0	0
45	1762 Eddie Robinson Sr Dr	1	B	No		64.6	64.5	-0.1	64.1	-0.5	-0.4	No	No	No	0	0	0
46	1740 Eddie Robinson Sr Dr	1	B	No		62.9	62.9	0	62.5	-0.4	-0.4	No	No	No	0	0	0
47	1258 Pear St	1	B	No		67.8	67.3	-0.5	66.5	-1.3	-0.8	Yes	No	Yes	1	1	1
48	1280 Pear St	1	B	No		65.8	65.5	-0.3	64.8	-1	-0.7	No	No	No	0	0	0
49	1338 Pear St (Duplex)	2	B	No		64.7	64.5	-0.2	64	-0.7	-0.5	No	No	No	0	0	0
50	1344 Pear St (Duplex)	2	B	No		64.2	64	-0.2	63.6	-0.6	-0.4	No	No	No	0	0	0
51	1173 Pear St	1	B	No	148	70.9	70.4	-0.5	69.7	-1.2	-0.7	Yes	No	Yes	1	1	1
52	1217 Pear St	1	B	No		67.4	66.5	-0.9	65.7	-1.7	-0.8	No	No	No	1	1	0
53	1225 Pear St - GONE	0															
54	Brooks Park (Pool)	1	C	No		65.1	64.8	-0.3	64.3	-0.8	-0.5	No	No	No	0	0	0
55	Brooks Park (Playground)	1	C	No		65.7	65.2	-0.5	64.6	-1.1	-0.6	No	No	No	0	0	0
56	1123 Louise St	1	B	No	130	70.7	69.9	-0.8	70.1	-0.6	0.2	Yes	No	Yes	1	1	1
57	McKnowen MBapt Church (no ext use)	1	D	No		42.1	40.7	-1.4	40.4	-1.7	-0.3	No	No	No	0	0	0
58	1265 Louise St	1	B	No		61.7	61	-0.7	61	-0.7	0	No	No	No	0	0	0
59	1137 Hickory St	1	B	No		66.7	63.7	-3	63	-3.7	-0.7	No	No	No	1	0	0
60	1203 Hickory St	1	B	No		67.1	65.7	-1.4	65.4	-1.7	-0.3	No	No	No	1	0	0
61	1255 Hickory St	1	B	No		63.7	62.3	-1.4	62.1	-1.6	-0.2	No	No	No	0	0	0
62	1129 Pecan St - GONE	0															
63	1128 Swart St - GONE	0															
64	1132 Swart St	1	B	Yes	162	69.8	68.3	-1.5	68.2	-1.6	-0.1	Yes	No	Yes	1	1	1
65	1138 Swart St	1	B	No		67.3	65	-2.3	64.1	-3.2	-0.9	No	No	No	1	0	0

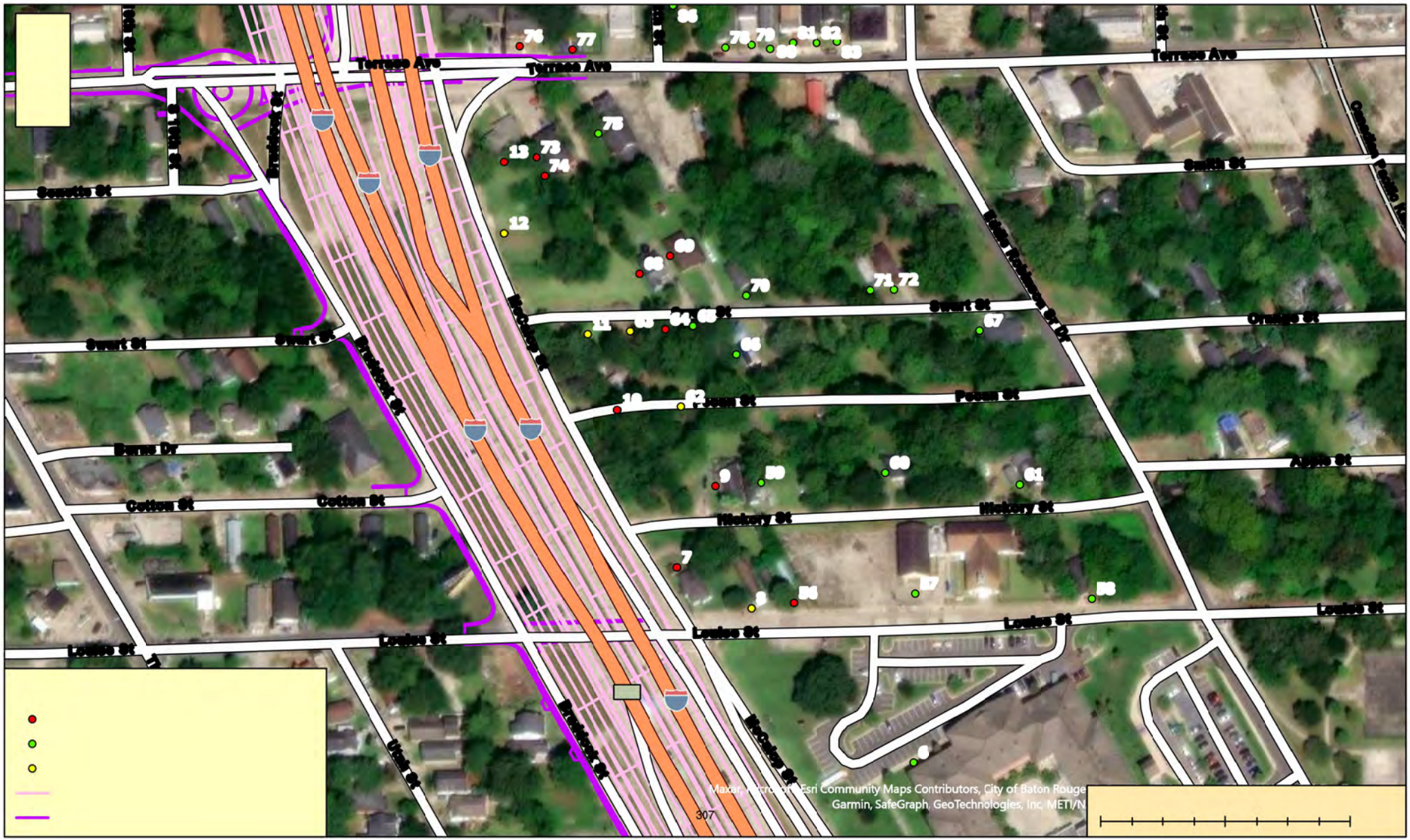
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
66	1158 Swart St	1	B	No		67.2	65	-2.2	64.6	-2.6	-0.4	No	No	No	1	0	0
67	1408 Swart St	1	B	No		64.4	63.3	-1.1	63.2	-1.2	-0.1	No	No	No	0	0	0
68	1145 Swart St	1	B	Yes		70.3	67.3	-3	67.4	-2.9	0.1	Yes	No	Yes	1	1	1
69	1163 Swart St	1	B	No		69.6	67.1	-2.5	66.9	-2.7	-0.2	Yes	No	Yes	1	1	1
70	1181 Swart St	1	B	No		67	65	-2	64.6	-2.4	-0.4	No	No	No	1	0	0
71	1249 Swart St	1	B	No		66.6	65.2	-1.4	64.9	-1.7	-0.3	No	No	No	1	0	0
72	1265 Swart St	1	B	No		65.3	64.2	-1.1	63.8	-1.5	-0.4	No	No	No	0	0	0
73	1150 Terrace St (Apts 1st floor)	2	B	No	104	72.5	70.4	-2.1	70.4	-2.1	0	Yes	No	Yes	2	2	2
74	1150 Terrace St (Apts 2nd floor)	2	B	No	106	73.9	72.1	-1.8	72.2	-1.7	0.1	Yes	No	Yes	2	2	2
75	New Prospect MBapt Church (no ext)	1	D	No		44.3	41.6	-2.7	41.3	-3	-0.3	No	No	No	0	0	0
76	1125 Terrace St	1	B	No	103	73.4	70.7	-2.7	70.6	-2.8	-0.1	Yes	No	Yes	1	1	1
77	St Francis Xavier Early Child Dev (playground)	1	C	No		70.7	67.4	-3.3	67.4	-3.3	0	Yes	No	Yes	1	1	1
78	1209 Terrace St	1	B	No		67.2	65.3	-1.9	65.3	-1.9	0	No	No	No	1	0	0
79	1217 Terrace St	1	B	No		66.7	64.9	-1.8	64.9	-1.8	0	No	No	No	1	0	0
80	1223 Terrace St	1	B	No		66.5	64.7	-1.8	64.7	-1.8	0	No	No	No	1	0	0
81	1225 Terrace St	1	B	No		65.9	64.2	-1.7	64.3	-1.6	0.1	No	No	No	0	0	0
82	1233 Terrace St	1	B	No		65.6	63.9	-1.7	63.9	-1.7	0	No	No	No	0	0	0
83	1235 Terrace St	1	B	No		64.8	63.1	-1.7	63.1	-1.7	0	No	No	No	0	0	0
84	1232 S 12th St	1	B	No	200	70.7	67.9	-2.8	67.5	-3.2	-0.4	Yes	No	Yes	1	1	1
85	1226 S 12th St	1	B	No		70.2	67.7	-2.5	67.2	-3	-0.5	Yes	No	Yes	1	1	1
86	1245 S 12th St	1	B	No		67.4	65.2	-2.2	65.3	-2.1	0.1	No	No	No	1	0	0
87	1237 S 12th St	1	B	No		67	64.8	-2.2	64.8	-2.2	0	No	No	No	1	0	0
88	1112 Julia St	1	B	No		71.1	68.3	-2.8	68.1	-3	-0.2	Yes	No	Yes	1	1	1
89	St Francis Xavier Child Care Ctr (playground)	1	C	No		70.9	68	-2.9	67.5	-3.4	-0.5	Yes	No	Yes	1	1	1
90	St Francis Xavier Child Care Ctr (ext)	1	D	No		44.1	41.6	-2.5	41.2	-2.9	-0.4	No	No	No	0	0	0
91	1208 Julia St	1	B	No		65	63	-2	63	-2	0	No	No	No	0	0	0
92	1214 Julia St	1	B	No		63.9	62.3	-1.6	62.2	-1.7	-0.1	No	No	No	0	0	0
93	1219 Julia St	1	B	No		63.6	61.7	-1.9	61.7	-1.9	0	No	No	No	0	0	0
94	1227 Julia St	1	B	No		63.8	62	-1.8	61.9	-1.9	-0.1	No	No	No	0	0	0
95	1202 Myrtle St - GONE	0															
96	1214 Myrtle St	1	B	No		62.9	60.7	-2.2	60.7	-2.2	0	No	No	No	0	0	0

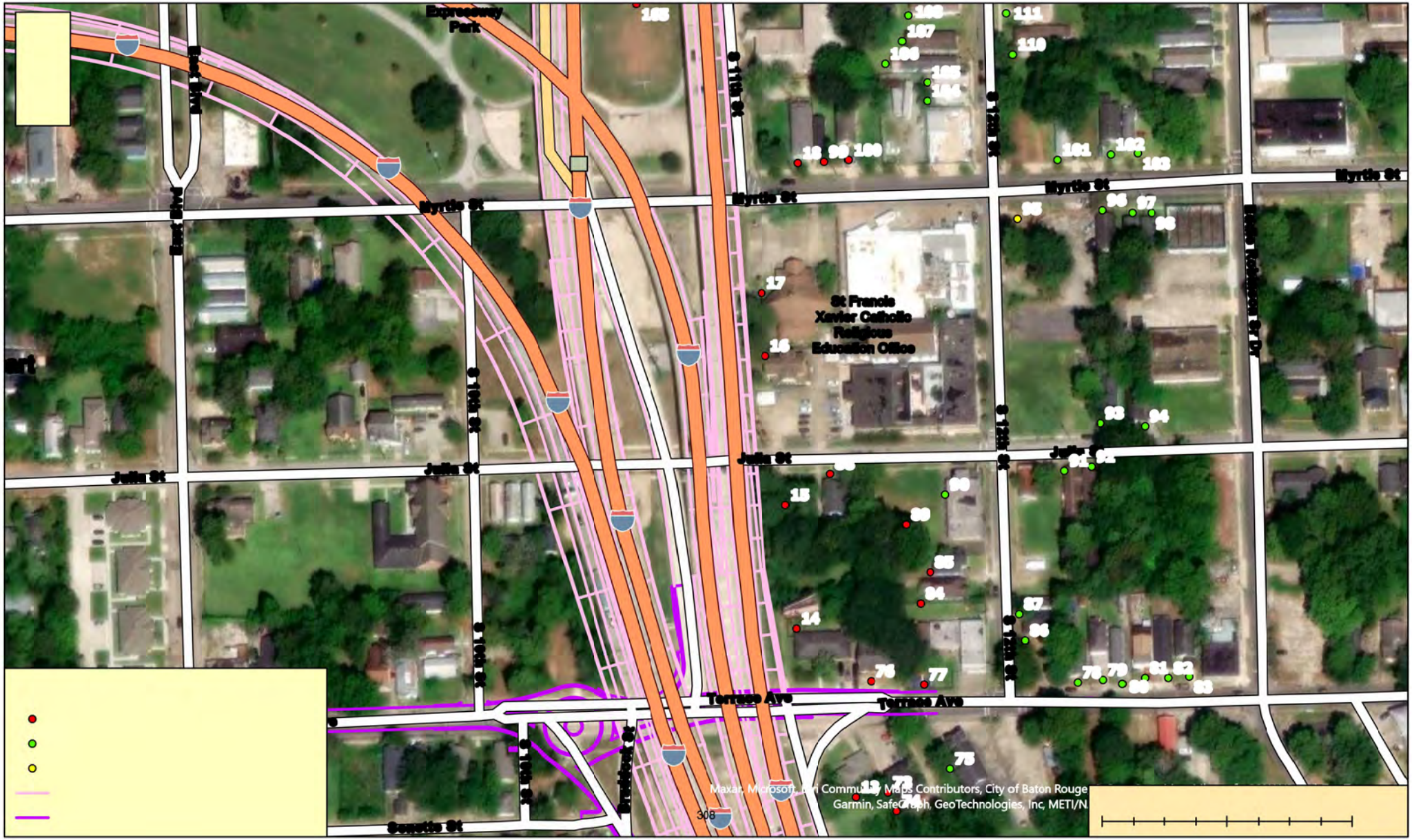
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
97	1220 Myrtle St	1	B	No		63.3	61.5	-1.8	61.3	-2	-0.2	No	No	No	0	0	0
98	1222 Myrtle St	1	B	No		63.2	61.5	-1.7	61.2	-2	-0.3	No	No	No	0	0	0
99	1109 Myrtle St	1	B	No	125	72	69.9	-2.1	69.8	-2.2	-0.1	Yes	No	Yes	1	1	1
100	1113 Myrtle St	1	B	No	155	71.1	69.2	-1.9	69	-2.1	-0.2	Yes	No	Yes	1	1	1
101	1209 Myrtle St	1	B	No		64.6	62.1	-2.5	61.9	-2.7	-0.2	No	No	No	0	0	0
102	1225 Myrtle St	1	B	No		60.7	58.5	-2.2	58.3	-2.4	-0.2	No	No	No	0	0	0
103	1227 Myrtle St	1	B	No		61.1	59.3	-1.8	59.2	-1.9	-0.1	No	No	No	0	0	0
104	968 S 12th St	1	B	No		67.1	64.5	-2.6	64.2	-2.9	-0.3	No	No	No	1	0	0
105	966 S 12th St	1	B	No		67	64.3	-2.7	64.1	-2.9	-0.2	No	No	No	1	0	0
106	962 S 12th St	1	B	No		66.1	63.2	-2.9	63.2	-2.9	0	No	No	No	1	0	0
107	954 S 12th St	1	B	No		65.3	62.4	-2.9	62.3	-3	-0.1	No	No	No	0	0	0
108	946 S 12th St	1	B	No		65.8	62.4	-3.4	62.3	-3.5	-0.1	No	No	No	0	0	0
109	932 S 12th St	1	B	No		67.2	63.8	-3.4	63.8	-3.4	0	No	No	No	1	0	0
110	951 S 12th St	1	B	No		65.9	63.5	-2.4	63.3	-2.6	-0.2	No	No	No	0	0	0
111	945 S 12th St	1	B	No		65.9	63.5	-2.4	63.2	-2.7	-0.3	No	No	No	0	0	0
112	917 S 12th St	1	B	No		65.9	63.4	-2.5	63.2	-2.7	-0.2	No	No	No	0	0	0
113	915 S 12th St	1	B	No		66	63.4	-2.6	63.1	-2.9	-0.3	No	No	No	1	0	0
114	911 S 12th St	1	B	No		66	63.4	-2.6	63.2	-2.8	-0.2	No	No	No	1	0	0
115	1128 South St	1	B	No		69.5	66.1	-3.4	65.9	-3.6	-0.2	No	No	No	1	1	0
116	1134 South St	1	B	No		69.3	66.1	-3.2	66.1	-3.2	0	Yes	No	Yes	1	1	1
117	1146 South St	1	B	No		67.7	64.7	-3	64.5	-3.2	-0.2	No	No	No	1	0	0
118	1202 South St	1	B	No		66.1	63.5	-2.6	63.2	-2.9	-0.3	No	No	No	1	0	0
119	1204 South St - GONE	0															
120	1208 South St	1	B	No		62.6	60	-2.6	59.7	-2.9	-0.3	No	No	No	0	0	0
121	1121 South St	1	B	No		67.7	64.9	-2.8	64.7	-3	-0.2	No	No	No	1	0	0
122	1131 South St	1	B	No		65	62.6	-2.4	62.3	-2.7	-0.3	No	No	No	0	0	0
123	1211 South St	1	B	No		63.1	60.7	-2.4	60.4	-2.7	-0.3	No	No	No	0	0	0
124	804 S 12th St	1	B	No		70.5	66.9	-3.6	66.8	-3.7	-0.1	Yes	No	Yes	1	1	1
125	744 S 12th St	1	B	No		70.2	66.5	-3.7	66.2	-4	-0.3	Yes	No	Yes	1	1	1
126	839 S 12th St	1	B	No		68.5	65.3	-3.2	65.1	-3.4	-0.2	No	No	No	1	0	0
127	823 S 12th St	1	B	No		68.5	65.3	-3.2	65	-3.5	-0.3	No	No	No	1	0	0
128	763 S 12th St	1	B	No		67.1	63.8	-3.3	63.4	-3.7	-0.4	No	No	No	1	0	0
129	721 S 12th St	1	B	No		66.9	63.6	-3.3	63.3	-3.6	-0.3	No	No	No	1	0	0
130	703 S 12th St	1	B	No		67	64.2	-2.8	63.8	-3.2	-0.4	No	No	No	1	0	0
131	870 Peach St	1	B	No		65.9	62.9	-3	62.7	-3.2	-0.2	No	No	No	0	0	0

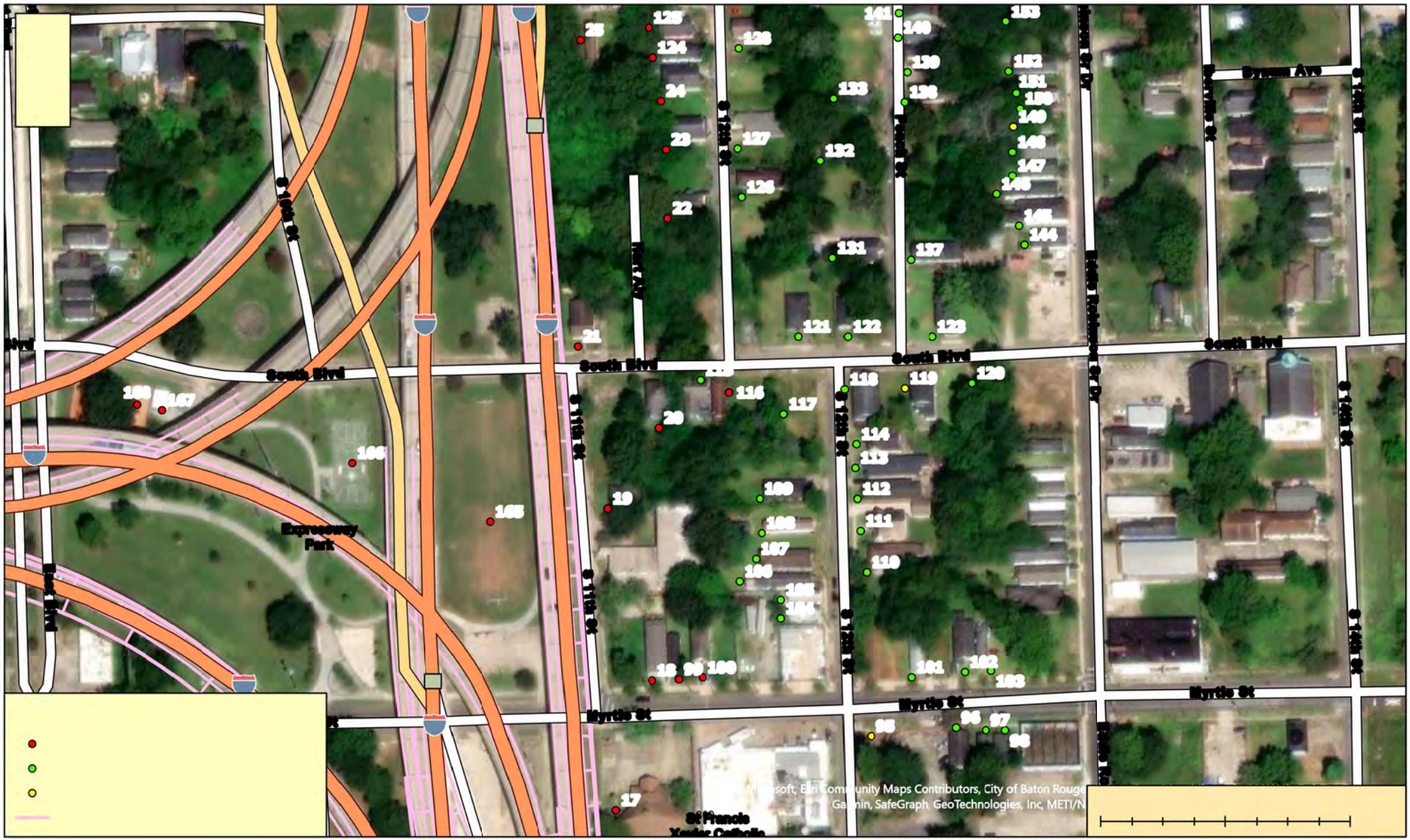
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
132	842 Peach St	1	B	No		65.9	62.9	-3	62.5	-3.4	-0.4	No	No	No	0	0	0
133	826 Peach St	1	B	No		65.7	62.6	-3.1	62.2	-3.5	-0.4	No	No	No	0	0	0
134	712 Peach St	1	B	No		64.3	61.3	-3	61	-3.3	-0.3	No	No	No	0	0	0
135	706 Peach St	1	B	No		63.9	61.1	-2.8	60.7	-3.2	-0.4	No	No	No	0	0	0
136	702 Peach St	1	B	No		62.3	59.4	-2.9	58.9	-3.4	-0.5	No	No	No	0	0	0
137	871 Peach St	1	B	No		63	60.1	-2.9	59.7	-3.3	-0.4	No	No	No	0	0	0
138	833 Peach St	1	B	No		64.1	61.2	-2.9	60.8	-3.3	-0.4	No	No	No	0	0	0
139	807 Peach St	1	B	No		64.5	61.6	-2.9	61.1	-3.4	-0.5	No	No	No	0	0	0
140	805 Peach St	1	B	No		64.5	61.6	-2.9	61.1	-3.4	-0.5	No	No	No	0	0	0
141	803 Peach St	1	B	No		64.2	61.2	-3	60.8	-3.4	-0.4	No	No	No	0	0	0
142	711 Peach St	1	B	No		63.4	60.5	-2.9	60.1	-3.3	-0.4	No	No	No	0	0	0
143	701 Peach St	1	B	No		62.1	59.3	-2.8	58.9	-3.2	-0.4	No	No	No	0	0	0
144	860 Eddie Robinson Sr Dr	1	B	No		62.7	60.4	-2.3	60.2	-2.5	-0.2	No	No	No	0	0	0
145	850 Eddie Robinson Sr Dr	1	B	No		62.7	60.4	-2.3	60.1	-2.6	-0.3	No	No	No	0	0	0
146	848 Eddie Robinson Sr Dr	1	B	No		63.1	60.7	-2.4	60.3	-2.8	-0.4	No	No	No	0	0	0
147	844 Eddie Robinson Sr Dr	1	B	No		63.1	60.8	-2.3	60.4	-2.7	-0.4	No	No	No	0	0	0
148	834 Eddie Robinson Sr Dr	1	B	No		63.2	60.7	-2.5	60.3	-2.9	-0.4	No	No	No	0	0	0
149	828 Eddie Robinson Sr Dr - GONE	0															
150	826 Eddie Robinson Sr Dr	1	B	No		63.3	60.8	-2.5	60.4	-2.9	-0.4	No	No	No	0	0	0
151	824 Eddie Robinson Sr Dr	1	B	No		63	60.5	-2.5	60.1	-2.9	-0.4	No	No	No	0	0	0
152	810 Eddie Robinson Sr Dr	1	B	No		63.1	60.5	-2.6	60.1	-3	-0.4	No	No	No	0	0	0
153	722 Eddie Robinson Sr Dr	1	B	No		63.1	60.4	-2.7	59.9	-3.2	-0.5	No	No	No	0	0	0
154	714 Eddie Robinson Sr Dr	1	B	No		62.7	60	-2.7	59.6	-3.1	-0.4	No	No	No	0	0	0
155	706 Eddie Robinson Sr Dr	1	B	No		61.3	58.8	-2.5	58.3	-3	-0.5	No	No	No	0	0	0
156	702 Eddie Robinson Sr Dr - GONE	0															
157	640 Eddie Robinson Sr Dr	1	B	No		61	58.3	-2.7	57.8	-3.2	-0.5	No	No	No	0	0	0
158	638 Eddie Robinson Sr Dr	2	B	No		60.9	58.3	-2.6	57.8	-3.1	-0.5	No	No	No	0	0	0
159	632 Eddie Robinson Sr Dr - GONE	0															
160	626 Eddie Robinson Sr Dr - GONE	0															
161	614 Eddie Robinson Sr Dr	1	B	No		58.6	56.6	-2	56.3	-2.3	-0.3	No	No	No	0	0	0
162	590 Eddie Robinson Sr Dr	1	B	No		50.7	50	-0.7	50.1	-0.6	0.1	No	No	No	0	0	0
163	576 Eddie Robinson Sr Dr	1	B	No		52.3	50.4	-1.9	50.1	-2.2	-0.3	No	No	No	0	0	0
164	564 Eddie Robinson Sr Dr	1	B	No		52	51	-1	51	-1	0	No	No	No	0	0	0

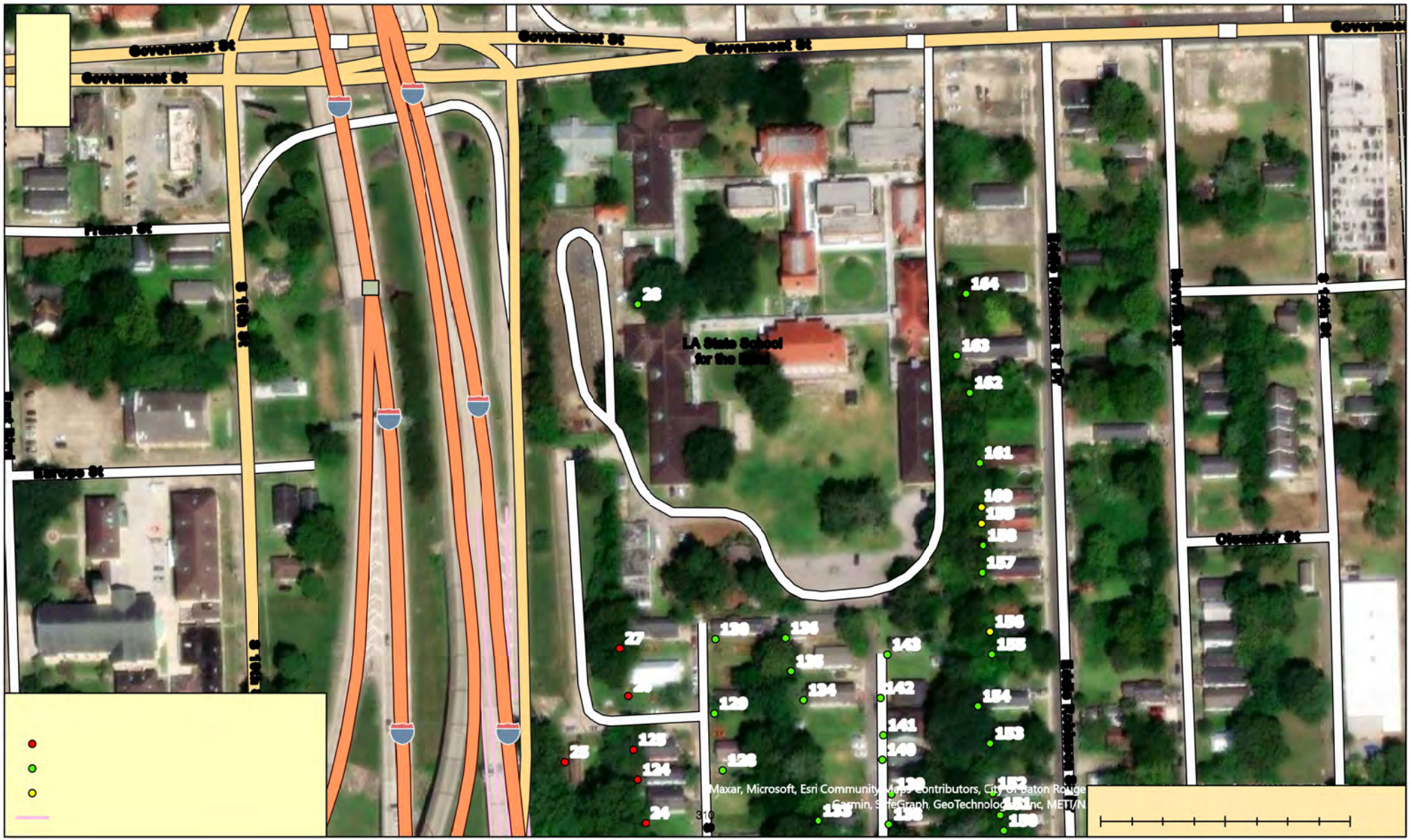
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
165	Expressway Park (Football)	1	C	No	40	76	74.9	-1.1	74.7	-1.3	-0.2	Yes	No	Yes	1	1	1
166	Expressway Park (BBall)	1	C	No	40	75.4	74.5	-0.9	74.4	-1	-0.1	Yes	No	Yes	1	1	1
167	Expressway Park (Picnic Shelter)	1	C	No	45	75.3	74.5	-0.8	74.5	-0.8	0	Yes	No	Yes	1	1	1
168	Expressway Park (playground)	1	C	No	40	75.1	74.4	-0.7	74.4	-0.7	0	Yes	No	Yes	1	1	1
															Total	Total	Total
															78	53	49
					Min	41.8	40.7	-3.7	40.4	-4.3	-1.6						
					Max	78.7	78	4.3	78	4.3	0.3						


McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Howard St
Lafayette St
Fig St
Perry St
Washington St
Tyler Davis Dr
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N
306


Terrace Ave
Terrace Ave
Terrace Ave
Seventh St
Swart St
Swart St
Swart St
Burns Dr
Cotton St
Cotton St
Lovelace St
Lovelace St
Lovelace St
Lovelace St
Hickory St
Hickory St
Power St
Power St
Smith St
Ogden St
Agnes St
Lovelace St
Lovelace St
Washington St
Washington St
Washington St
Vista St
Vista St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N
307


Expressway Park
Myrtle St
Julia St
Terrace Ave
St Francis Xavier Catholic Religious Education Office
Maxar, Microsoft, and Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N


South Blvd
Myrtle St
Expressway Park
St Francis
Dyson Ave
Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N


Government St
Government St
Government St
Government St
Government St
Florida St
Florida St
Florida

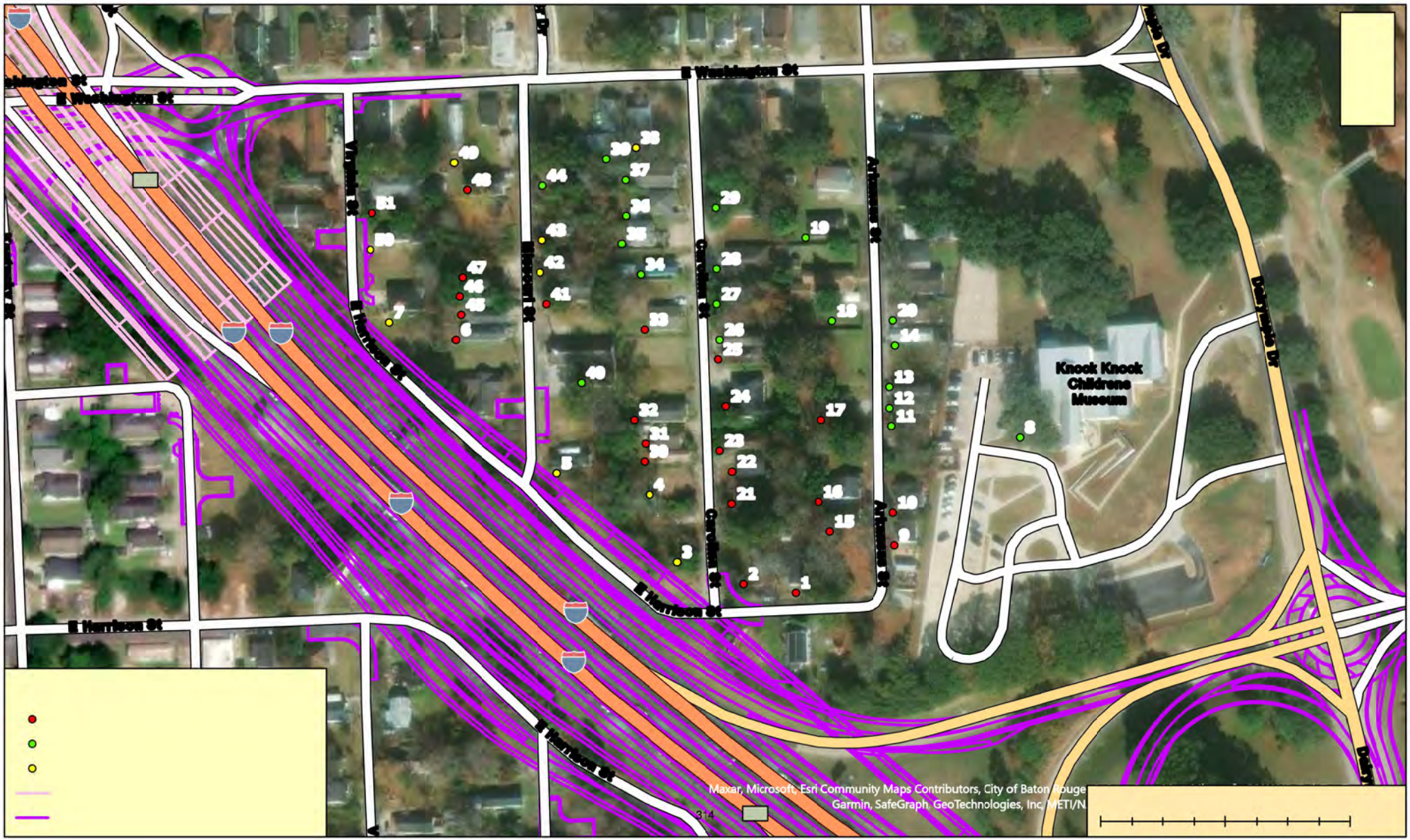
Appendix G

WB3 NSA Results

WB3 NSA Results

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
1	1421 E Harrison St	1	B	Yes		71.5	67.5	-4	72.8	1.3	5.3	Yes	No	Yes	1	1	1
2	1417 E Harrison St	1	B	Yes		73	67.4	-5.6	73.7	0.7	6.3	Yes	No	Yes	1	1	1
3	1950 Carolina St - GONE	0															
4	1936 Carolina St - GONE	0															
5	1935 Missouri St - GONE	0															
6	1864 Missouri St	1	B	Yes		73.9	75.4	1.5	71.6	-2.3	-3.8	Yes	No	Yes	1	1	1
7	1855 Virginia St - GONE	0															
8	Knock Knock Childrens Museum (picnic)	1	C	No		64.7	63.3	-1.4	64.2	-0.5	0.9	No	No	No	0	0	0
9	1965 Arkansas St	1	B	No		67.9	65.7	-2.2	68.5	0.6	2.8	Yes	No	Yes	1	0	1
10	1955 Arkansas St	1	B	No		66.3	64.7	-1.6	67.1	0.8	2.4	Yes	No	Yes	1	0	1
11	1925 Arkansas St	1	B	No		64.9	63.8	-1.1	65	0.1	1.2	No	No	No	0	0	0
12	1921 Arkansas St	1	B	No		63.8	62.3	-1.5	64.1	0.3	1.8	No	No	No	0	0	0
13	1915 Arkansas St	1	B	No		63.1	62.8	-0.3	63.5	0.4	0.7	No	No	No	0	0	0
14	1901 Arkansas St	1	B	No		62.8	63.3	0.5	62.4	-0.4	-0.9	No	No	No	0	0	0
15	1966 Arkansas St	1	B	No		68.1	66.3	-1.8	68.7	0.6	2.4	Yes	No	Yes	1	1	1
16	1956 Arkansas St	1	B	No		67.1	65.3	-1.8	67.6	0.5	2.3	Yes	No	Yes	1	0	1
17	1920 Arkansas St	1	B	No		65.7	65.1	-0.6	66	0.3	0.9	Yes	No	Yes	0	0	1
18	1854 Arkansas St	1	B	No		62.7	63.2	0.5	62.7	0	-0.5	No	No	No	0	0	0
19	1842 Arkansas St	1	B	No		61.6	62.2	0.6	61.3	-0.3	-0.9	No	No	No	0	0	0
20	1861 Arkansas St	1	B	No		62.4	62.9	0.5	62	-0.4	-0.9	No	No	No	0	0	0
21	1933 Carolina St	1	B	Yes		71.1	68.1	-3	70.8	-0.3	2.7	Yes	No	Yes	1	1	1
22	1929 Carolina St	1	B	No		69.5	67.6	-1.9	69.3	-0.2	1.7	Yes	No	Yes	1	1	1
23	1925 Carolina St	1	B	No		68.3	67.2	-1.1	68.4	0.1	1.2	Yes	No	Yes	1	1	1
24	1913 Carolina St	1	B	No		67.2	66.8	-0.4	67.5	0.3	0.7	Yes	No	Yes	1	1	1
25	1873 Carolina St	1	B	No		66.8	67.2	0.4	66.4	-0.4	-0.8	Yes	No	Yes	1	1	1
26	1867 Carolina St	1	B	No		66.3	66.5	0.2	65.7	-0.6	-0.8	No	No	No	1	1	0
27	1855 Carolina St	1	B	No		65	65.2	0.2	64.4	-0.6	-0.8	No	No	No	0	0	0
28	1843 Carolina St	1	B	No		63.8	64.4	0.6	63.5	-0.3	-0.9	No	No	No	0	0	0
29	1819/1831 Carolina St	2	B	No		62	63	1	62	0	-1	No	No	No	0	0	0
30	1930 Carolina St	1	B	Yes		72.8	71.2	-1.6	71.4	-1.4	0.2	Yes	No	Yes	1	1	1
31	1922 Carolina St	1	B	No		71.9	70.8	-1.1	70.4	-1.5	-0.4	Yes	No	Yes	1	1	1
32	1918 Carolina St	1	B	No		71.3	70.7	-0.6	69.7	-1.6	-1	Yes	No	Yes	1	1	1

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck	Existing Sound Level (dBA)	Alt. 1 (dBA)	Increase Over Existing	Alt. 2 (dBA)	Increase Over Existing	Increase Over Alt. 1	Alt. 2 Approach/ Exceed NAC?	Alt. 2 Substantial Increase?	Alt. 2 Impacted?	Existing Properties Impacted	Alt. 1 Properties Impacted	Alt. 2 Properties Impacted
33	1860 Carolina St	1	B	No		67.7	68.4	0.7	66.7	-1	-1.7	Yes	No	Yes	1	1	1
34	1844 Carolina St	1	B	No		65.9	67.3	1.4	65.3	-0.6	-2	No	No	No	0	1	0
35	1840 Carolina St	1	B	No		65.4	67	1.6	64.8	-0.6	-2.2	No	No	No	0	1	0
36	1828 Carolina St	1	B	No		64.4	66.2	1.8	64.1	-0.3	-2.1	No	No	No	0	1	0
37	1822 Carolina St	1	B	No		63.5	65.4	1.9	63.5	0	-1.9	No	No	No	0	0	0
38	1430 E Washington St - GONE	0															
39	1428 E Washington St	1	B	No		63.2	65.2	2	63.4	0.2	-1.8	No	No	No	0	0	0
40	Ebenezer Bapt Ch (no ext use)	1	D	Yes		46.3	47.1	0.8	44.7	-1.6	-2.4	No	No	No	0	0	0
41	1853 Missouri St	1	B	No		68.6	70.4	1.8	67.8	-0.8	-2.6	Yes	No	Yes	1	1	1
42	1843 Missouri St - GONE	0															
43	1835 Missouri St - GONE	0															
44	1815/1817 Missouri St	2	B	No		65.8	67.7	1.9	65	-0.8	-2.7	No	No	No	0	2	0
45	1860 Missouri St	1	B	No		73.1	74.5	1.4	70.8	-2.3	-3.7	Yes	No	Yes	1	1	1
46	1856 Missouri St	1	B	No		71.6	73.2	1.6	69.7	-1.9	-3.5	Yes	No	Yes	1	1	1
47	1852 Missouri St	1	B	No		71.1	72.8	1.7	69.2	-1.9	-3.6	Yes	No	Yes	1	1	1
48	1824 Missouri St	1	B	No		68.8	69.9	1.1	67.5	-1.3	-2.4	Yes	No	Yes	1	1	1
49	1326 E Washington St - GONE	0															
50	1835 Virginia St - GONE	0															
51	1821/1823 Virginia St	2	B	Yes		71.9	71	-0.9	69.6	-2.3	-1.4	Yes	No	Yes	2	2	2
															Total	Total	Total
															24	26	24
					Min	46.3	47.1	-5.6	44.7	-2.3	-3.8						
					Max	73.9	75.4	2	73.7	1.3	6.3						


E Washington St
E Harrison St
Knock Knock Children's Museum
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge
Garmin, SafeGraph, GeoTechnologies, Inc, METI/N

Appendix H

Barrier Feasibility and Reasonableness Results and Worksheets

Appendix H-1

EB1 NSA Barriers - Not Feasible

Feasibility Worksheet			
Project	ID number	Route Location	
	H.004100	I-10: LA 415 to Essen on I-10 and I-12	
Barrier	Location	Length (feet)	Height (feet)
	EB1	10,530	14
Number of first row receptors (receptors adjacent to barrier):	Number of *first row* receptors that achieve at least a 5dBA reduction in noise with barrier:		% that achieve ≥ 5 dBA reduction:
42	0		0%
Are there any additional feasibility issues to consider?	*Explain:* The barriers are on structure, so the barriers are limited to a 14-foot height.		
Based on the above, is the barrier feasible?	Circle Yes or **No**		
	Explain: The barrier did not benefit at least 75% of the impacted 1st row receptors.		

EB1 NSA Not Feasible

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	513 Myrtle St	1	B	Yes	160	69	70.7	60.3	66.8	8.7	3.9	Yes	No	0	0
2	515 Myrtle St	1	B	Yes	170	68.9	70.6	60.3	66.8	8.6	3.8	Yes	No	0	0
3	517 Myrtle St	1	B	Yes	164	69	70.7	60.2	66.8	8.8	3.9	Yes	No	0	0
4	521 Myrtle St	1	B	Yes	158	69.2	70.8	60.1	66.7	9.1	4.1	Yes	No	0	0
5	958 Royal St	1	B	Yes	103	69.3	71.6	59.8	68.3	9.5	3.3	Yes	No	0	0
6	931 Royal St	1	B	Yes	35	65.7	74	60.1	73.5	5.6	0.5	Yes	No	0	0
7	928 Napolean St	1	B	Yes	31	66.2	74.1	60.2	73.5	6	0.6	Yes	No	0	0
8	921 Napolean St	1	B	Yes	74	70	73.5	60.5	71.3	9.5	2.2	Yes	No	0	0
9	940 St Joseph St	1	B	Yes	50	65.9	72.1	59.9	71.2	6	0.9	Yes	No	0	0
10	943 Maximilian St	1	B	Yes	36	70	74.9	64.2	73.8	5.8	1.1	Yes	No	0	0
11	917 Myrtle St	1	B	Yes	62	70.5	73.7	63.7	71.6	6.8	2.1	Yes	No	0	0
12	926 East Blvd	1	B	Yes	28	67.2	74.2	63.2	73.7	4	0.5	Yes	No	0	0
13	928 East Blvd	1	B	Yes	65	67	72.4	61.4	71.3	5.6	1.1	Yes	No	0	0
14	940 East Blvd	1	B	Yes	103	68.2	71	60.9	68.6	7.3	2.4	Yes	No	0	0
15	972 Myrtle St	1	B	Yes	124	69.3	71.5	62.3	68.8	7	2.7	Yes	No	0	0
16	982 Myrtle St	1	B	Yes	65	68.2	72.7	62.7	71.5	5.5	1.2	Yes	No	0	0
17	1150 S 10th St	1	B	Yes	95	68.1	71.7	62	69.9	6.1	1.8	Yes	No	0	0
18	1004 Julia St	1	B	Yes	56	66.1	72.1	61.1	71.4	5	0.7	Yes	No	0	0
19	1215 S 10th St	1	B	Yes	60	63.2	71.6	57.4	71.1	5.8	0.5	Yes	No	0	0
20	1239 S 10th St	1	B	Yes	88	70	72.6	61.7	69.9	8.3	2.7	Yes	No	0	0
21	1014 Senette St	1	B	Yes	67	70.9	73.9	65.5	72.1	5.4	1.8	Yes	No	0	0
22	970 Senette St	1	B	Yes	117	69.1	71.5	62.5	68.9	6.6	2.6	Yes	No	0	0
23	946 Swart St	1	B	Yes	173	68.6	70.4	61.8	67.2	6.8	3.2	Yes	No	0	0
24	951 Burns Dr	1	B	Yes	155	68.6	70.4	62.2	67.3	6.4	3.1	Yes	No	0	0
25	967 Cotton St	1	B	Yes	87	71.1	73.3	65.2	70.6	5.9	2.7	Yes	No	0	0
26	1004 Cotton St	1	B	Yes	72	71.5	74.2	65.6	72	5.9	2.2	Yes	No	0	0
27	978 Cotton St	1	B	Yes	123	69.6	71.7	63.2	69	6.4	2.7	Yes	No	0	0
28	1523 Utah St	1	B	Yes	165	67.6	69.8	61.2	67	6.4	2.8	Yes	No	0	0
29	1510 Braddock St	1	B	Yes	66	69.9	73.4	64.8	71.8	5.1	1.6	Yes	No	0	0
30	1538 Braddock St	1	B	Yes	80	70	72.6	64.9	70.5	5.1	2.1	Yes	No	0	0
31	1567 Utah St	1	B	Yes	157	67.1	69.5	60.8	66.8	6.3	2.7	Yes	No	0	0
32	1591 Utah St	1	B	Yes	158	67.1	69.5	60.6	66.7	6.5	2.8	Yes	No	0	0
33	936 Howard St	1	B	Yes	112	67.6	70.7	60.5	68.4	7.1	2.3	Yes	No	0	0
34	924 Howard St	1	B	Yes	156	66.7	69.2	60	66.7	6.7	2.5	Yes	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
35	1616 Braddock St - GONE	0													
36	Fairview Baptist Ch (no ext use)	1	D	Yes	44	44.4	51.1	39.7	50.4	4.7	0.7	Yes	No	0	0
37	937 Lettsworth St	1	B	Yes	66	67.4	72.5	65.2	72	2.2	0.5	Yes	No	0	0
38	946 Lettsworth St	1	B	Yes	141	67.4	70	61.2	67.7	6.2	2.3	Yes	No	0	0
39	1704 Braddock St	1	B	Yes	82	66.6	71	64.8	70.5	1.8	0.5	Yes	No	0	0
40	Baranco Clark YMCA Playground	1	C	Yes	187	65.4	65.4	59.7	59.7	5.7	5.7	No	Yes	1	0
41	968 Fig St - GONE	0													
42	962 Royal St	1	B	No	150	68.8	70.5	59.5	66.6	9.3	3.9	Yes	No	0	0
43	525 Myrtle St	1	B	No	189	68.4	68.4	59.3	59.4	9.1	9	Yes	Yes	1	1
44	941 Royal St	1	B	No	58	68.7	72.9	60.5	71.3	8.2	1.6	Yes	No	0	0
45	953 Royal St	1	B	No	94	70.1	72.7	60.3	69.6	9.8	3.1	Yes	No	0	0
46	605 Myrtle St	1	B	No	160	69.7	71.1	60.3	66.7	9.4	4.4	Yes	No	0	0
47	607 Myrtle St	1	B	No	163	69.8	71.2	60.3	66.8	9.5	4.4	Yes	No	0	0
48	609 Myrtle St	1	B	No	170	69.8	71.3	60.2	66.8	9.6	4.5	Yes	No	0	0
49	932 Napolean St	1	B	No		69.6	69.6	60.5	60.5	9.1	9.1	Yes	Yes	1	1
50	1038 Napolean St	1	B	No		68.3	68.3	59.2	59.2	9.1	9.1	Yes	Yes	1	1
51	923 Napolean St	1	B	No		69.6	69.6	60.2	60.2	9.4	9.4	Yes	Yes	1	1
52	933 Napolean St	1	B	No		69.4	69.4	60.1	60.1	9.3	9.3	Yes	Yes	1	1
53	705 Myrtle St	1	B	No		69.2	69.2	59.7	59.7	9.5	9.5	Yes	Yes	1	1
54	709 Myrtle St	1	B	No		69	69	59.9	59.9	9.1	9.1	Yes	Yes	1	1
55	713 Myrtle St	1	B	No		68.9	68.9	59.9	59.9	9	9	Yes	Yes	1	1
56	952 St Joseph St	1	B	No		68.3	68.3	59.8	59.8	8.5	8.5	Yes	Yes	1	1
57	715 Myrtle St	1	B	No		67.8	67.8	59.6	59.6	8.2	8.2	Yes	Yes	1	1
58	956 St Joseph St	1	B	No		68	68	59.8	59.8	8.2	8.2	Yes	Yes	1	1
59	837 Myrtle St	1	B	No		69.4	69.4	61.6	61.6	7.8	7.8	Yes	Yes	1	0
60	958 Maximillian St	1	B	No		69.4	69.4	61.9	61.9	7.5	7.5	Yes	Yes	1	0
61	964 Maximillian St	1	B	No		67.1	67.1	59.8	59.8	7.3	7.3	Yes	Yes	1	0
62	963 Maximillian St	1	B	No		70.4	70.4	62.6	62.6	7.8	7.8	Yes	Yes	1	0
63	965 Maximillian St	1	B	No		69.3	69.3	62	62	7.3	7.3	Yes	Yes	1	0
64	969 Maximillian St	1	B	No		68.6	68.6	61.5	61.5	7.1	7.1	Yes	Yes	1	0
65	1103 Thomas H Delpit Dr	1	B	No		68.1	68.1	61.1	61.1	7	7	Yes	Yes	1	0
66	1105 Thomas H Delpit Dr	1	B	No		67.1	67.1	59.8	59.8	7.3	7.3	Yes	Yes	1	0
67	1107 Thomas H Delpit Dr	1	B	No		67.4	67.4	60.5	60.5	6.9	6.9	Yes	Yes	1	0
68	1109 Thomas H Delpit Dr	1	B	No		67.3	67.3	60.4	60.4	6.9	6.9	Yes	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
69	1117 Thomas H Delpit Dr	1	B	No		67.6	67.6	60.9	60.9	6.7	6.7	Yes	Yes	1	0
70	1131 Thomas H Delpit Dr	1	B	No		65.8	65.8	59.4	59.4	6.4	6.4	No	Yes	1	0
71	991 Julia St	1	B	No		68.8	68.8	61.5	61.5	7.3	7.3	Yes	Yes	1	0
72	981 Julia St	1	B	No		68.2	68.2	61.2	61.2	7	7	Yes	Yes	1	0
73	967 Julia St	1	B	No		66.8	66.8	60.2	60.2	6.6	6.6	Yes	Yes	1	0
74	965 Julia St	1	B	No		66.6	66.6	60	60	6.6	6.6	Yes	Yes	1	0
75	1002 Julia St	1	B	No		66.5	66.5	60.9	60.9	5.6	5.6	Yes	Yes	1	0
76	Progressive Bapt Ch (Cat D)	1	D	No		43.7	43.7	36	36	7.7	7.7	No	Yes	1	0
77	1226 S 10th St - GONE	0													
78	1228 S 10th St	1	B	No		68	68	60.1	60.1	7.9	7.9	Yes	Yes	1	0
79	1232 S 10th St	1	B	No		68.1	68.1	60.5	60.5	7.6	7.6	Yes	Yes	1	0
80	1234 S 10th St	1	B	No		67.9	67.9	60.6	60.6	7.3	7.3	Yes	Yes	1	0
81	979 Terrace St - GONE	0													
82	975 Terrace St	1	B	No		65	65	58.3	58.3	6.7	6.7	No	Yes	1	0
83	963 Terrace St	1	B	No		64	64	57.4	57.4	6.6	6.6	No	Yes	1	0
84	988 Terrace St	1	B	No		67.2	67.2	59.6	59.6	7.6	7.6	Yes	Yes	1	0
85	980 Terrace St	1	B	No		66.3	66.3	58.9	58.9	7.4	7.4	Yes	Yes	1	0
86	976 Terrace St	1	B	No		65.6	65.6	58.1	58.1	7.5	7.5	No	Yes	1	0
87	970 Terrace St	1	B	No		64.9	64.9	57.6	57.6	7.3	7.3	No	Yes	1	0
88	960 Terrace St	1	B	No		64.1	64.1	57.2	57.2	6.9	6.9	No	Yes	1	0
89	954 Terrace St	1	B	No		63.4	63.4	56.6	56.6	6.8	6.8	No	Yes	1	0
90	952 Terrace St	1	B	No		62.1	62.1	55.6	55.6	6.5	6.5	No	Yes	1	0
91	946 Senette St	1	B	No		67.5	67.5	60.3	60.3	7.2	7.2	Yes	Yes	1	0
92	918 Senette St	1	B	No		66.3	66.3	59.1	59.1	7.2	7.2	Yes	Yes	1	0
93	862 Senette St - GONE	0													
94	850 Senette St - GONE	0													
95	920 Swart St	1	B	No		66.7	66.7	59.9	59.9	6.8	6.8	Yes	Yes	1	0
96	912 Swart St	1	B	No		65.7	65.7	59.1	59.1	6.6	6.6	No	Yes	1	0
97	931 Burns Dr	1	B	No		65.6	65.6	59.3	59.3	6.3	6.3	No	Yes	1	0
98	877 Burns Dr	1	B	No		62.9	62.9	57.1	57.1	5.8	5.8	No	Yes	1	0
99	855 Burns Dr	1	B	No		62.9	62.9	56.1	56.1	6.8	6.8	No	Yes	1	0
100	955 Cotton St	1	B	No		66.3	66.3	59.4	59.4	6.9	6.9	Yes	Yes	1	0
101	837 Cotton St	1	B	No		63.6	63.6	56.6	56.6	7	7	No	Yes	1	0
102	964 Cotton St - GONE	0													
103	922 Cotton St	1	B	No		66.6	66.6	60.3	60.3	6.3	6.3	Yes	Yes	1	0
104	906 Cotton St	1	B	No		66.3	66.3	59.6	59.6	6.7	6.7	Yes	Yes	1	0

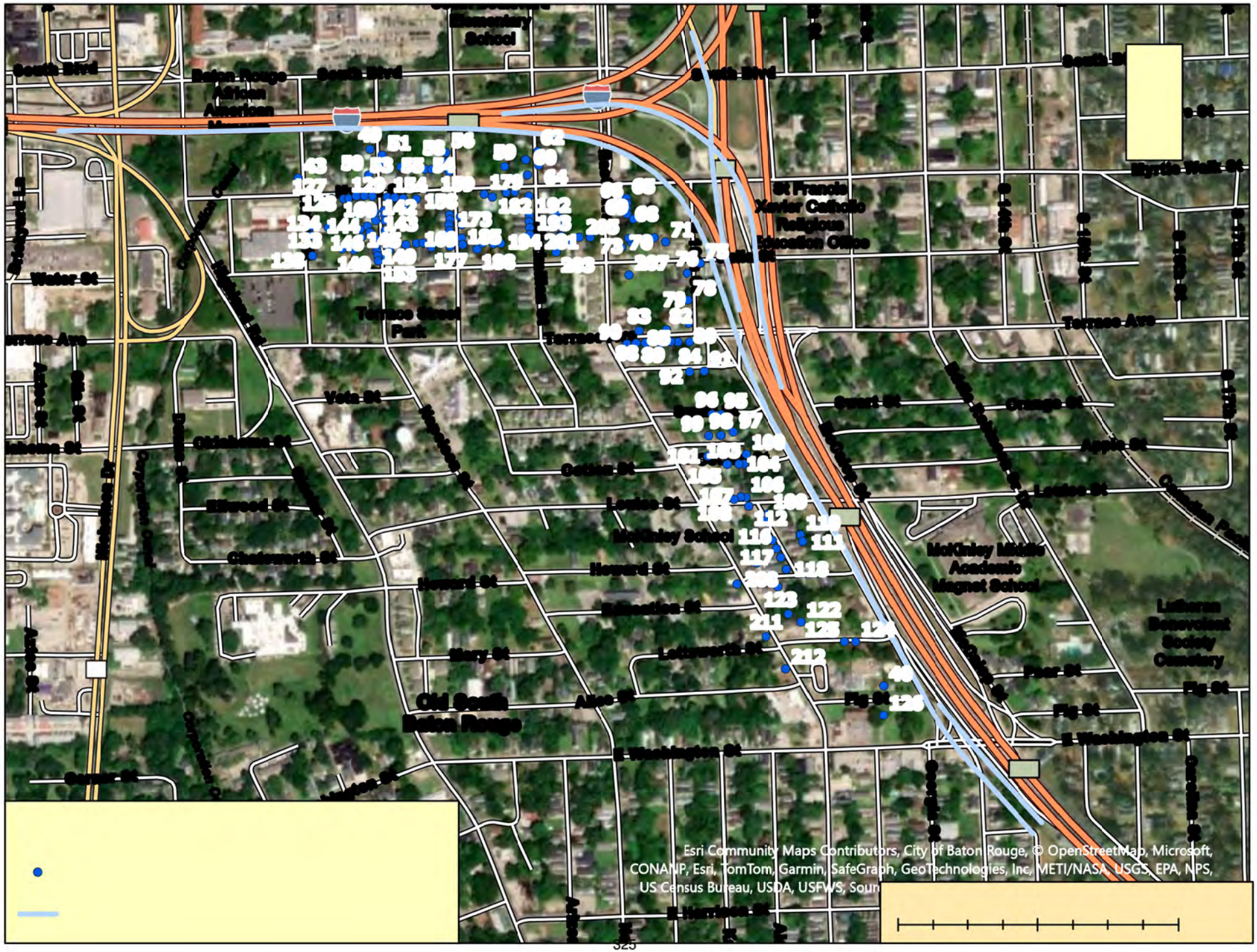
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
105	876 Cotton St	1	B	No		65.3	65.3	58.4	58.4	6.9	6.9	No	Yes	1	0
106	855 Louise St	1	B	No		65.6	65.6	59.2	59.2	6.4	6.4	No	Yes	1	0
107	853 Louise St	1	B	No		65	65	58.4	58.4	6.6	6.6	No	Yes	1	0
108	851 Louise St	1	B	No		64.8	64.8	58.1	58.1	6.7	6.7	No	Yes	1	0
109	926 Louise St	1	B	No		65.7	65.7	59.8	59.8	5.9	5.9	No	Yes	1	0
110	1541 Utah St	1	B	No		67.3	67.3	61	61	6.3	6.3	Yes	Yes	1	0
111	1555 Utah St	1	B	No		67.2	67.2	61	61	6.2	6.2	Yes	Yes	1	0
112	866 Louise St	1	B	No		65.6	65.6	59.5	59.5	6.1	6.1	No	Yes	1	0
113	1520 Utah St	1	B	No		65.6	65.6	59.1	59.1	6.5	6.5	No	Yes	1	0
114	1530 Utah St	1	B	No		65.6	65.6	59.1	59.1	6.5	6.5	No	Yes	1	0
115	1542 Utah St	1	B	No		65.6	65.6	58.9	58.9	6.7	6.7	No	Yes	1	0
116	1550 Utah St	1	B	No		65.6	65.6	58.8	58.8	6.8	6.8	No	Yes	1	0
117	1558 Utah St	1	B	No		65.3	65.3	58.6	58.6	6.7	6.7	No	Yes	1	0
118	1564 Utah St	1	B	No		65.2	65.2	58.6	58.6	6.6	6.6	No	Yes	1	0
119	1567 Thomas H Delpit Dr	1	B	No		63.5	63.5	57.2	57.2	6.3	6.3	No	Yes	1	0
120	New Jerusalem Bapt Church (no ext use)	1	D	No		38.3	38.3	31.2	31.2	7.1	7.1	No	Yes	1	0
121	831 Lettsworth Dr - GONE	0													
122	1669 Thomas H Delpit Dr	1	B	No		64.9	64.9	58.1	58.1	6.8	6.8	No	Yes	1	0
123	1649 Thomas H Delpit Dr	1	B	No		63.8	63.8	56.4	56.4	7.4	7.4	No	Yes	1	0
124	928 Lettsworth Dr	1	B	No		66.3	66.3	60	60	6.3	6.3	Yes	Yes	1	0
125	912 Lettsworth Dr	1	B	No		65.7	65.7	59.5	59.5	6.2	6.2	No	Yes	1	0
126	Neeley UM Church (no ext)	1	D	No		40.3	40.3	34.3	34.3	6	6	No	Yes	1	0
127	606 Myrtle St	1	B	No		66.5	66.5	59.7	59.7	6.8	6.8	Yes	Yes	1	0
128	608 Myrtle St	1	B	No		66.5	66.5	59.5	59.5	7	7	Yes	Yes	1	0
129	610 Myrtle St	1	B	No		66.5	66.5	59.5	59.5	7	7	Yes	Yes	1	0
130	614 Myrtle St	1	B	No		66.6	66.6	59.4	59.4	7.2	7.2	Yes	Yes	1	0
131	616 Myrtle St	1	B	No		66.6	66.6	59.4	59.4	7.2	7.2	Yes	Yes	1	0
132	618 Myrtle St	1	B	No		66.6	66.6	59.4	59.4	7.2	7.2	Yes	Yes	1	0
133	1121 Royal St	1	B	No		63.9	63.9	56.3	56.3	7.6	7.6	No	Yes	1	0
134	1123 Royal St	1	B	No		64	64	56.5	56.5	7.5	7.5	No	Yes	1	0
135	1125 Royal St	1	B	No		61.4	61.4	54.7	54.7	6.7	6.7	No	Yes	1	0
136	1127 Royal St	1	B	No		60.3	60.3	57	57	3.3	3.3	No	No	0	0
137	1129 Royal St	1	B	No		62.5	62.5	57.9	57.9	4.6	4.6	No	No	0	0
138	601 Julia St	1	B	No		59.8	59.8	52.3	52.3	7.5	7.5	No	Yes	1	0

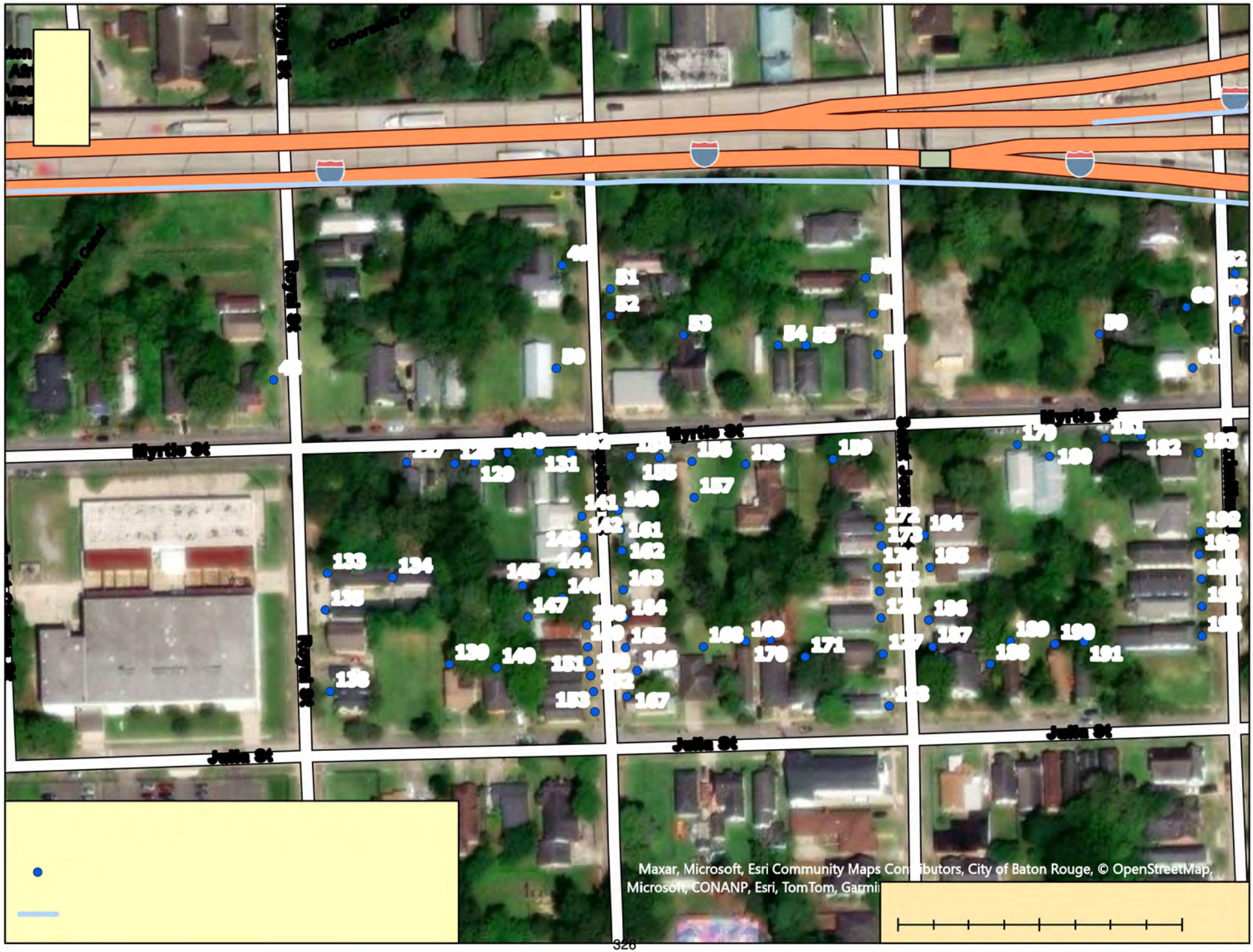
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
139	627 Julia St	1	B	No		61.2	61.2	54.9	54.9	6.3	6.3	No	Yes	1	0
140	635 Julia St	1	B	No		61.2	61.2	55	55	6.2	6.2	No	Yes	1	0
141	1110 Napolean St	1	B	No		63.7	63.7	56.4	56.4	7.3	7.3	No	Yes	1	0
142	1114 Napolean St	1	B	No		63.2	63.2	56.1	56.1	7.1	7.1	No	Yes	1	0
143	1116 Napolean St	1	B	No		63	63	56	56	7	7	No	Yes	1	0
144	1122 Napolean St	1	B	No		62.3	62.3	55.5	55.5	6.8	6.8	No	Yes	1	0
145	1124 Napolean St	1	B	No		64.6	64.6	57.5	57.5	7.1	7.1	No	Yes	1	0
146	1126 Napolean St	1	B	No		62.3	62.3	54.1	54.1	8.2	8.2	No	Yes	1	1
147	1128 Napolean St	1	B	No		61.8	61.8	56.1	56.1	5.7	5.7	No	Yes	1	0
148	1130 Napolean St	1	B	No		61.6	61.6	54.4	54.4	7.2	7.2	No	Yes	1	0
149	1136 Napolean St	1	B	No		61.4	61.4	54.4	54.4	7	7	No	Yes	1	0
150	1140 Napolean St	1	B	No		60.9	60.9	53.8	53.8	7.1	7.1	No	Yes	1	0
151	1142 Napolean St	1	B	No		60.7	60.7	54	54	6.7	6.7	No	Yes	1	0
152	1144 Napolean St	1	B	No		60.6	60.6	53.9	53.9	6.7	6.7	No	Yes	1	0
153	1146 Napolean St	1	B	No		60.2	60.2	53.4	53.4	6.8	6.8	No	Yes	1	0
154	704 Myrtle St	1	B	No		66.3	66.3	59.2	59.2	7.1	7.1	Yes	Yes	1	0
155	706 Myrtle St	1	B	No		66.2	66.2	59.1	59.1	7.1	7.1	Yes	Yes	1	0
156	708 Myrtle St	1	B	No		66.1	66.1	59	59	7.1	7.1	Yes	Yes	1	0
157	710 Myrtle St	1	B	No		64.8	64.8	58.2	58.2	6.6	6.6	No	Yes	1	0
158	714 Myrtle St	1	B	No		65.8	65.8	59	59	6.8	6.8	No	Yes	1	0
159	722 Myrtle St	1	B	No		65.6	65.6	58.9	58.9	6.7	6.7	No	Yes	1	0
160	1111 Napolean St	1	B	No		64.4	64.4	57.1	57.1	7.3	7.3	No	Yes	1	0
161	1113 Napolean St	1	B	No		63.9	63.9	56.5	56.5	7.4	7.4	No	Yes	1	0
162	1115 Napolean St	1	B	No		63.5	63.5	56.5	56.5	7	7	No	Yes	1	0
163	1119 Napolean St	1	B	No		62.9	62.9	56.2	56.2	6.7	6.7	No	Yes	1	0
164	1123 Napolean St	1	B	No		62.6	62.6	56.2	56.2	6.4	6.4	No	Yes	1	0
165	1129 Napolean St	1	B	No		61.9	61.9	55	55	6.9	6.9	No	Yes	1	0
166	1139 Napolean St	1	B	No		61.4	61.4	55.3	55.3	6.1	6.1	No	Yes	1	0
167	1145 Napolean St	1	B	No		61.9	61.9	55.9	55.9	6	6	No	Yes	1	0
168	707 Julia St	1	B	No		62.5	62.5	55.7	55.7	6.8	6.8	No	Yes	1	0
169	713 Julia St	1	B	No		62.5	62.5	55.9	55.9	6.6	6.6	No	Yes	1	0
170	715 Julia St	1	B	No		62.4	62.4	56	56	6.4	6.4	No	Yes	1	0
171	725 Julia St	1	B	No		62.4	62.4	56	56	6.4	6.4	No	Yes	1	0
172	1108 St Joseph St	1	B	No		63	63	56.1	56.1	6.9	6.9	No	Yes	1	0
173	1110 St Joseph St	1	B	No		62.7	62.7	56.4	56.4	6.3	6.3	No	Yes	1	0
174	1112 St Joseph St	1	B	No		63.7	63.7	57.4	57.4	6.3	6.3	No	Yes	1	0

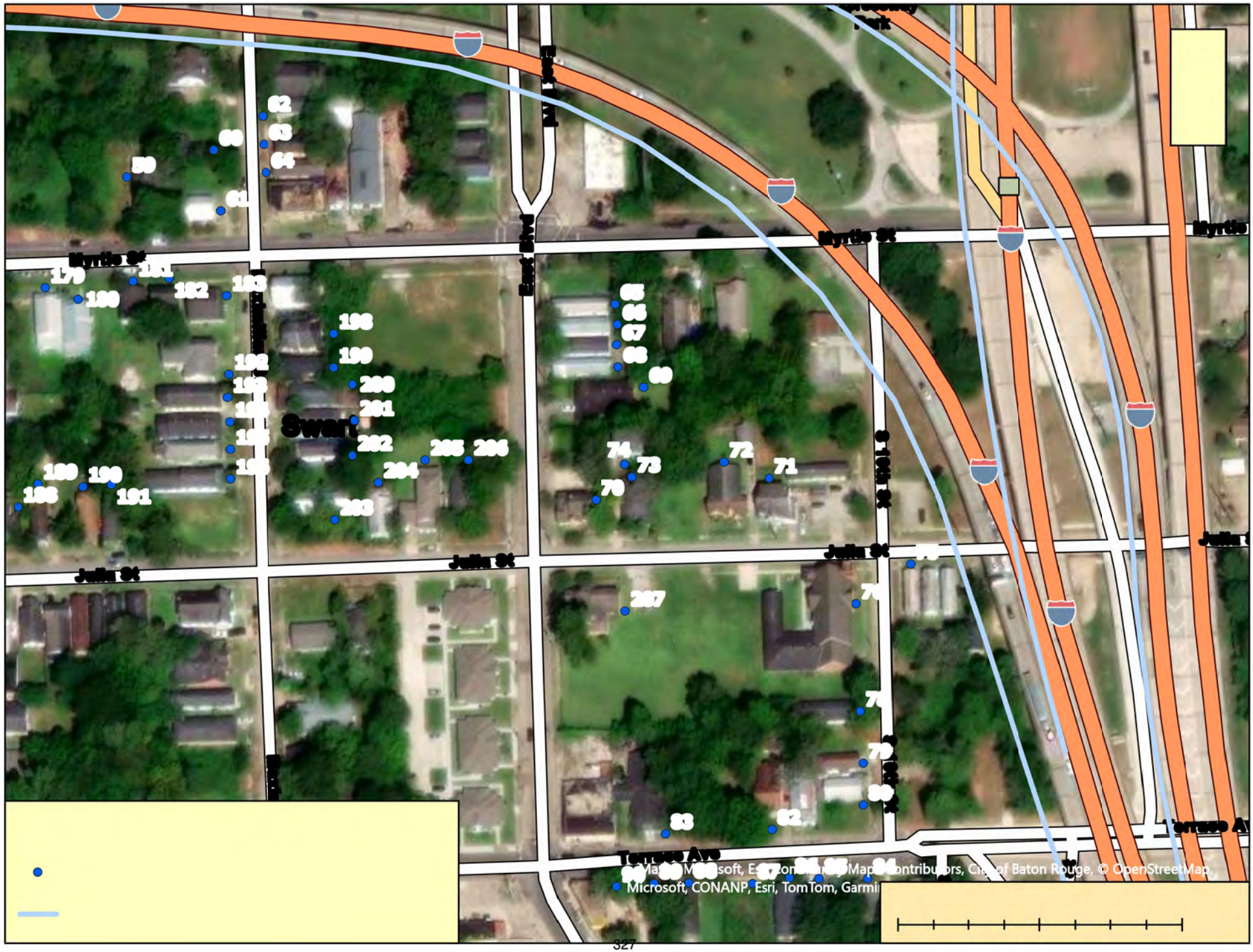
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
175	1114 St Joseph St	1	B	No		62.2	62.2	55.3	55.3	6.9	6.9	No	Yes	1	0
176	1120 St Joseph St	1	B	No		63.4	63.4	56.2	56.2	7.2	7.2	No	Yes	1	0
177	1122 St Joseph St	1	B	No		61.7	61.7	55.2	55.2	6.5	6.5	No	Yes	1	0
178	1126 St Joseph St	1	B	No		62.2	62.2	55.3	55.3	6.9	6.9	No	Yes	1	0
179	814 Myrtle St	1	B	No		65.3	65.3	58.6	58.6	6.7	6.7	No	Yes	1	0
180	820 Myrtle St	1	B	No		65.1	65.1	58.6	58.6	6.5	6.5	No	Yes	1	0
181	836 Myrtle St	1	B	No		65.8	65.8	59.9	59.9	5.9	5.9	No	Yes	1	0
182	840 Myrtle St	1	B	No		66	66	59.7	59.7	6.3	6.3	Yes	Yes	1	0
183	1102 Maximillian St	1	B	No		65.9	65.9	59.5	59.5	6.4	6.4	No	Yes	1	0
184	1105 St Joseph St	1	B	No		63.3	63.3	56.6	56.6	6.7	6.7	No	Yes	1	0
185	1107 St Joseph St	1	B	No		62.7	62.7	55.9	55.9	6.8	6.8	No	Yes	1	0
186	1119 St Joseph St	1	B	No		62.5	62.5	56.2	56.2	6.3	6.3	No	Yes	1	0
187	1121 St Joseph St	1	B	No		62.5	62.5	56.2	56.2	6.3	6.3	No	Yes	1	0
188	1127 St Joseph St	1	B	No		62.4	62.4	55.6	55.6	6.8	6.8	No	Yes	1	0
189	815 Julia St	1	B	No		63.2	63.2	56.5	56.5	6.7	6.7	No	Yes	1	0
190	821 Julia St	1	B	No		63.1	63.1	56.4	56.4	6.7	6.7	No	Yes	1	0
191	823 Julia St	1	B	No		63	63	56.5	56.5	6.5	6.5	No	Yes	1	0
192	1106 Maximillian St	1	B	No		65	65	58.2	58.2	6.8	6.8	No	Yes	1	0
193	1118 Maximillian St	1	B	No		64.5	64.5	58.2	58.2	6.3	6.3	No	Yes	1	0
194	1122 Maximillian St	1	B	No		64.3	64.3	58.1	58.1	6.2	6.2	No	Yes	1	0
195	1124 Maximillian St	1	B	No		64.1	64.1	58	58	6.1	6.1	No	Yes	1	0
196	1128 Maximillian St	1	B	No		63.9	63.9	58	58	5.9	5.9	No	Yes	1	0
197	1132 Maximillian St - GONE	0													
198	1107 Maximillian St	1	B	No		65.7	65.7	59.7	59.7	6	6	No	Yes	1	0
199	1113 Maximillian St	1	B	No		65.5	65.5	59.2	59.2	6.3	6.3	No	Yes	1	0
200	1119 Maximillian St	1	B	No		65.2	65.2	58.9	58.9	6.3	6.3	No	Yes	1	0
201	1121 Maximillian St	1	B	No		65	65	58.9	58.9	6.1	6.1	No	Yes	1	0
202	1123 Maximillian St	1	B	No		64.8	64.8	58.7	58.7	6.1	6.1	No	Yes	1	0
203	1133 Maximillian St	1	B	No		64.1	64.1	58	58	6.1	6.1	No	Yes	1	0
204	913 Julia St	1	B	No		64.6	64.6	58.6	58.6	6	6	No	Yes	1	0
205	915 Julia St	1	B	No		65.1	65.1	59	59	6.1	6.1	No	Yes	1	0
206	953 Julia St	1	B	No		65.2	65.2	59.1	59.1	6.1	6.1	No	Yes	1	0
207	1203 Thomas H Delpit Dr	1	B	No		64.5	64.5	58.5	58.5	6	6	No	Yes	1	0
208	1608 Thomas H Delpit Dr	1	B	No		61.7	61.7	55.6	55.6	6.1	6.1	No	Yes	1	0
209	1652 Thomas H Delpit Dr	1	B	No		57.9	57.9	53.1	53.1	4.8	4.8	No	No	0	0

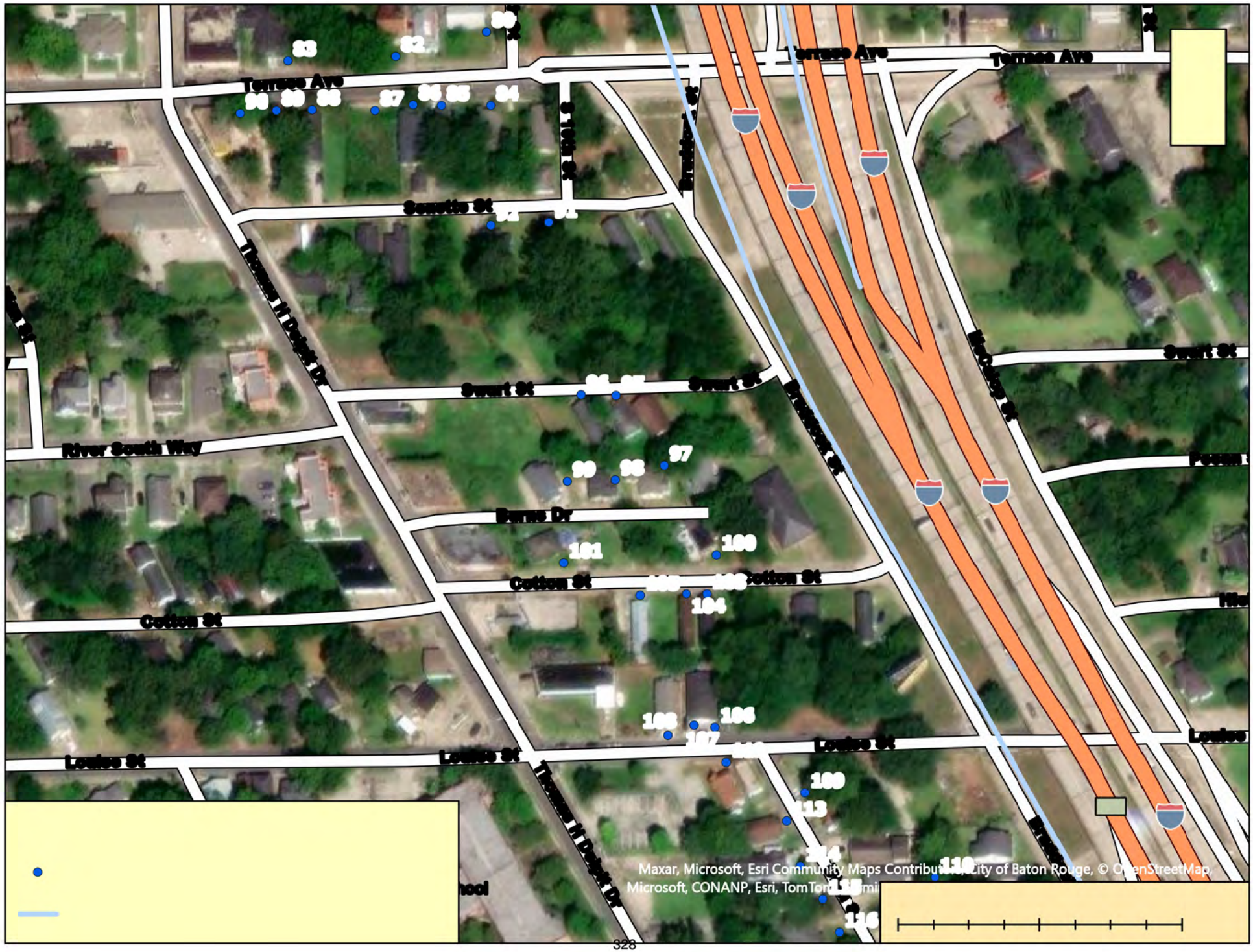
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
210	1662 Thomas H Delpit Dr - GONE	0													
211	1668 Thomas H Delpit Dr	1	B	No		57.9	57.9	52.9	52.9	5	5	No	Yes	1	0
212	1718 Thomas H Delpit Dr	1	B	No		60.8	60.8	54.7	54.7	6.1	6.1	No	Yes	1	0
213	Baranco Clark YMCA Playground N	1	C	Yes	90	65.9	70.9	62.1	69.9	3.8	1	Yes	No	0	0
214	996 Terrace St	1	B	Yes	156	68.7	70.5	61.6	67.1	7.1	3.4	Yes	No	0	0
215	915 Myrtle St	1	B	Yes	101	67.3	70.5	59.9	68.3	7.4	2.2	Yes	No	0	0
216	1006 Julia St	1	B	Yes	27	66.3	74.1	61.7	73.6	4.6	0.5	Yes	No	0	0
													Total	155	Total 12

Feasibility	
# of 1st Row Impacted Receptors	42
# of 1st Row Impacted Receptors & Benefitted	0
Feasible?	No (0%)

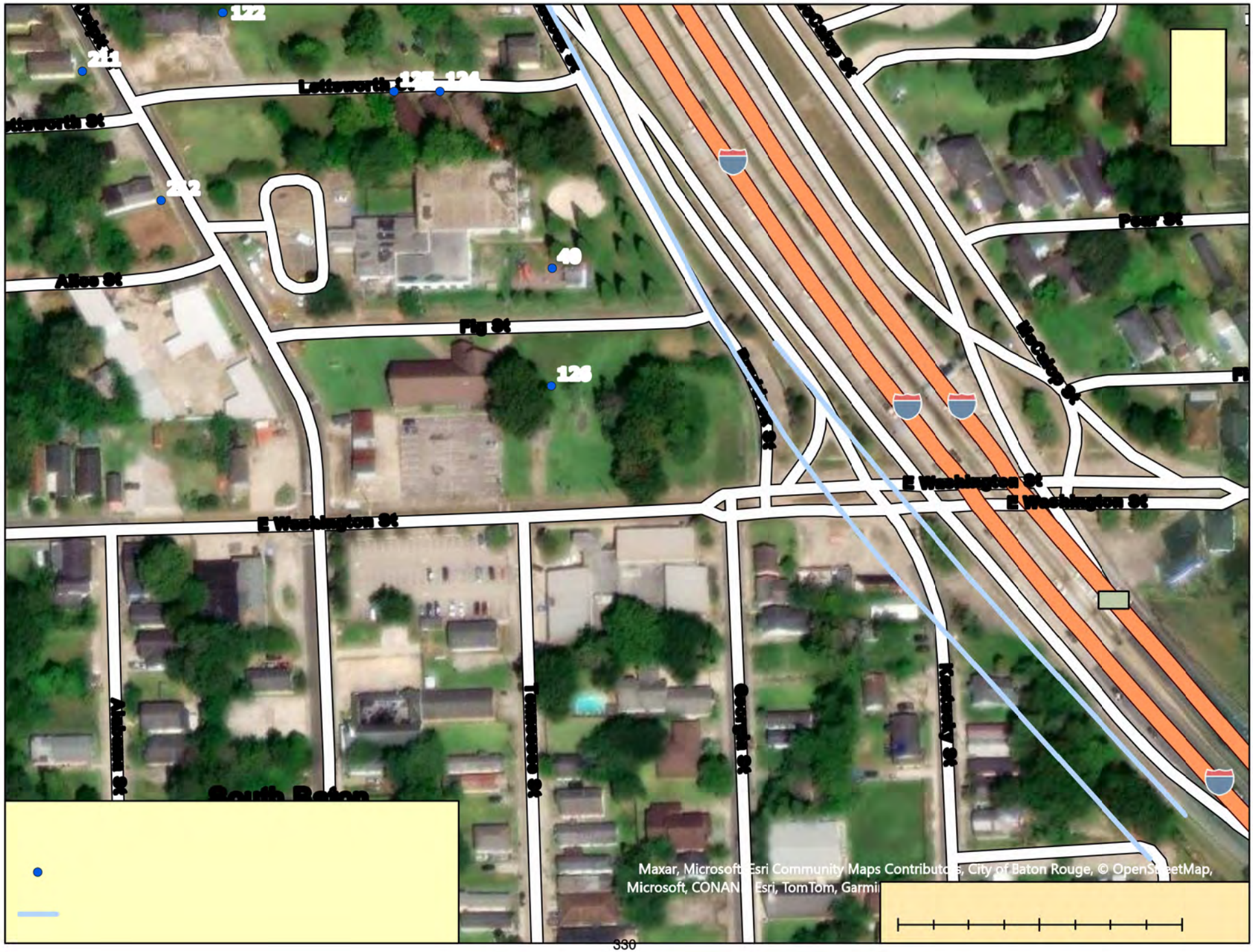

Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Soun


Myrtle St
Julia St
Royal St
Corporation Canal
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmi


Myrtle St
Julia St
Terrace Ave
Swart
Microsoft, CONANP, Esri, TomTom, Garmi
Microsoft, Esri, TomTom, Map contributors, City of Baton Rouge, © OpenStreetMap,


Terrace Ave
Terrace Ave
Terrace Ave
Sweet St
Sweet St
Sweet St
Sweet St
River South Way
Burns Dr
Cotton St
Cotton St
Cotton St
Louise St
Louise St
Louise St
Louise St
Thomas H Dodd Dr
Thomas H Dodd Dr
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap
Microsoft, CONANP, Esri, TomTom


McKinley School
Howard St
Lewis St
Lafayette St
Hickory St
McKinley St
Thomas Delpit Dr
Lafayette St
Howard St
Lewis St
Lafayette St
Lafayette St
Howard St
Lewis St
Lafayette St
Lafayette St
Lafayette St
Allen St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap
Microsoft, COMNAP, Esri, TomTom, Garmin


122
211
Lottsworth St
125
124
212
40
Allen St
Fig St
126
E Washington St
Pear St
Kansas St
Park Ave
Illinois St
South St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONAN, Esri, TomTom, Garmi

LADOTD 7 April 2025
JNM TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: H.004100.2
RUN: Washington - Build EB1
BARRIER DESIGN: Max Barriers
ATMOSPHERICS: 68 deg F, 50% RH

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

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
513 Myrtle St	147	1	0.0	69.0	66	69.0	10	Snd Lvl	60.3	8.7	5	3.7
515 Myrtle St	148	1	0.0	68.9	66	68.9	10	Snd Lvl	60.3	8.6	5	3.6
517 Myrtle St	149	1	0.0	69.0	66	69.0	10	Snd Lvl	60.2	8.8	5	3.8
521 Myrtle St	150	1	0.0	69.2	66	69.2	10	Snd Lvl	60.1	9.1	5	4.1
958 Royal St	151	1	0.0	69.3	66	69.3	10	Snd Lvl	59.8	9.5	5	4.5
931 Royal St	152	1	0.0	65.7	66	65.7	10	----	60.1	5.6	5	0.6
928 Napolean St	153	1	0.0	66.2	66	66.2	10	Snd Lvl	60.2	6.0	5	1.0
921 Napolean St	154	1	0.0	70.0	66	70.0	10	Snd Lvl	60.5	9.5	5	4.5
940 St Joseph St	155	1	0.0	65.9	66	65.9	10	----	59.9	6.0	5	1.0
943 Maximilian St	156	1	0.0	70.0	66	70.0	10	Snd Lvl	64.2	5.8	5	0.8
917 Myrtle St	157	1	0.0	70.5	66	70.5	10	Snd Lvl	63.7	6.8	5	1.8
926 East Blvd	158	1	0.0	67.2	66	67.2	10	Snd Lvl	63.2	4.0	5	-1.0
928 East Blvd	159	1	0.0	67.0	66	67.0	10	Snd Lvl	61.4	5.6	5	0.6
940 East Blvd	160	1	0.0	68.2	66	68.2	10	Snd Lvl	60.9	7.3	5	2.3
972 Myrtle St	161	1	0.0	69.3	66	69.3	10	Snd Lvl	62.3	7.0	5	2.0
982 Myrtle St	162	1	0.0	68.2	66	68.2	10	Snd Lvl	62.7	5.5	5	0.5
1150 S 10th St	163	1	0.0	68.1	66	68.1	10	Snd Lvl	62.0	6.1	5	1.1
1004 Julia St (not first row now)	164	1	0.0	66.1	66	66.1	10	Snd Lvl	61.1	5.0	5	0.0
1215 S 10th St	165	1	0.0	63.2	66	63.2	10	----	57.4	5.8	5	0.8
1239 S 10th St	166	1	0.0	70.0	66	70.0	10	Snd Lvl	61.7	8.3	5	3.3
996 Terrace St - Still there	167	1	0.0	68.7	66	68.7	10	Snd Lvl	61.6	7.1	5	2.1
1014 Senette St	168	1	0.0	70.9	66	70.9	10	Snd Lvl	65.5	5.4	5	0.4
970 Senette St - Not first Row	169	1	0.0	69.1	66	69.1	10	Snd Lvl	62.5	6.6	5	1.6
946 Swart St	170	1	0.0	68.6	66	68.6	10	Snd Lvl	61.8	6.8	5	1.8

951 Burns Dr	171	1	0.0	68.6	66	68.6	10	Snd Lvl	62.2	6.4	5	1.4
967 Cotton St	172	1	0.0	71.1	66	71.1	10	Snd Lvl	65.2	5.9	5	0.9
1004 Cotton St	173	1	0.0	71.5	66	71.5	10	Snd Lvl	65.6	5.9	5	0.9
978 Cotton St	174	1	0.0	69.6	66	69.6	10	Snd Lvl	63.2	6.4	5	1.4
1523 Utah St	175	1	0.0	67.6	66	67.6	10	Snd Lvl	61.2	6.4	5	1.4
1510 Braddock St	176	1	0.0	69.9	66	69.9	10	Snd Lvl	64.8	5.1	5	0.1
1538 Braddock St	177	1	0.0	70.0	66	70.0	10	Snd Lvl	64.9	5.1	5	0.1
1567 Utah St	178	1	0.0	67.1	66	67.1	10	Snd Lvl	60.8	6.3	5	1.3
1591 Utah St	179	1	0.0	67.1	66	67.1	10	Snd Lvl	60.6	6.5	5	1.5
936 Howard St	180	1	0.0	67.6	66	67.6	10	Snd Lvl	60.5	7.1	5	2.1
924 Howard St	181	1	0.0	66.7	66	66.7	10	Snd Lvl	60.0	6.7	5	1.7
Fairview Baptist Ch (no ext use)	183	1	0.0	69.4	66	69.4	10	Snd Lvl	64.7	4.7	5	-0.3
937 Lettsworth St	184	1	0.0	67.4	66	67.4	10	Snd Lvl	65.2	2.2	5	-2.8
946 Lettsworth St	185	1	0.0	67.4	66	67.4	10	Snd Lvl	61.2	6.2	5	1.2
1704 Braddock St	186	1	0.0	66.6	66	66.6	10	Snd Lvl	64.8	1.8	5	-3.2
Baranco Clark YMCA Playground	187	1	0.0	65.4	66	65.4	10	----	59.7	5.7	5	0.7
962 Royal St	189	1	0.0	68.8	66	68.8	10	Snd Lvl	59.5	9.3	5	4.3
525 Myrtle St	190	1	0.0	68.4	66	68.4	10	Snd Lvl	59.3	9.1	5	4.1
941 Royal St	191	1	0.0	68.7	66	68.7	10	Snd Lvl	60.5	8.2	5	3.2
953 Royal St	192	1	0.0	70.1	66	70.1	10	Snd Lvl	60.3	9.8	5	4.8
605 Myrtle St	193	1	0.0	69.7	66	69.7	10	Snd Lvl	60.3	9.4	5	4.4
607 Myrtle St	194	1	0.0	69.8	66	69.8	10	Snd Lvl	60.3	9.5	5	4.5
609 Myrtle St	195	1	0.0	69.8	66	69.8	10	Snd Lvl	60.2	9.6	5	4.6
932 Napolean St	196	1	0.0	69.6	66	69.6	10	Snd Lvl	60.5	9.1	5	4.1
1038 Napolean St	197	1	0.0	68.3	66	68.3	10	Snd Lvl	59.2	9.1	5	4.1
923 Napolean St	198	1	0.0	69.6	66	69.6	10	Snd Lvl	60.2	9.4	5	4.4
933 Napolean St	199	1	0.0	69.4	66	69.4	10	Snd Lvl	60.1	9.3	5	4.3
705 Myrtle St	200	1	0.0	69.2	66	69.2	10	Snd Lvl	59.7	9.5	5	4.5
709 Myrtle St	201	1	0.0	69.0	66	69.0	10	Snd Lvl	59.9	9.1	5	4.1
713 Myrtle St	202	1	0.0	68.9	66	68.9	10	Snd Lvl	59.9	9.0	5	4.0
952 St Joseph St	203	1	0.0	68.3	66	68.3	10	Snd Lvl	59.8	8.5	5	3.5
715 Myrtle St	204	1	0.0	67.8	66	67.8	10	Snd Lvl	59.6	8.2	5	3.2
956 St Joseph St	205	1	0.0	68.0	66	68.0	10	Snd Lvl	59.8	8.2	5	3.2
837 Myrtle St	206	1	0.0	69.4	66	69.4	10	Snd Lvl	61.6	7.8	5	2.8
958 Maximillian St	207	1	0.0	69.4	66	69.4	10	Snd Lvl	61.9	7.5	5	2.5
964 Maximillian St	208	1	0.0	67.1	66	67.1	10	Snd Lvl	59.8	7.3	5	2.3
963 Maximillian St	209	1	0.0	70.4	66	70.4	10	Snd Lvl	62.6	7.8	5	2.8
965 Maximillian St	210	1	0.0	69.3	66	69.3	10	Snd Lvl	62.0	7.3	5	2.3
969 Maximillian St	211	1	0.0	68.6	66	68.6	10	Snd Lvl	61.5	7.1	5	2.1
1103 Thomas H Delpit Dr	212	1	0.0	68.1	66	68.1	10	Snd Lvl	61.1	7.0	5	2.0
1105 Thomas H Delpit Dr	213	1	0.0	67.1	66	67.1	10	Snd Lvl	59.8	7.3	5	2.3

1107 Thomas H Delpit Dr	214	1	0.0	67.4	66	67.4	10	Snd Lvl	60.5	6.9	5	1.9
1109 Thomas H Delpit Dr	215	1	0.0	67.3	66	67.3	10	Snd Lvl	60.4	6.9	5	1.9
1117 Thomas H Delpit Dr	216	1	0.0	67.6	66	67.6	10	Snd Lvl	60.9	6.7	5	1.7
1131 Thomas H Delpit Dr	217	1	0.0	65.8	66	65.8	10	----	59.4	6.4	5	1.4
991 Julia St	218	1	0.0	68.8	66	68.8	10	Snd Lvl	61.5	7.3	5	2.3
981 Julia St	219	1	0.0	68.2	66	68.2	10	Snd Lvl	61.2	7.0	5	2.0
967 Julia St	220	1	0.0	66.8	66	66.8	10	Snd Lvl	60.2	6.6	5	1.6
965 Julia St	221	1	0.0	66.6	66	66.6	10	Snd Lvl	60.0	6.6	5	1.6
1002 Julia St	222	1	0.0	66.5	66	66.5	10	Snd Lvl	60.9	5.6	5	0.6
Progressive Bapt Ch (Cat D)	223	1	0.0	68.7	66	68.7	10	Snd Lvl	61.0	7.7	5	2.7
1228 S 10th St	225	1	0.0	68.0	66	68.0	10	Snd Lvl	60.1	7.9	5	2.9
1232 S 10th St	226	1	0.0	68.1	66	68.1	10	Snd Lvl	60.5	7.6	5	2.6
1234 S 10th St	227	1	0.0	67.9	66	67.9	10	Snd Lvl	60.6	7.3	5	2.3
975 Terrace St	229	1	0.0	65.0	66	65.0	10	----	58.3	6.7	5	1.7
963 Terrace St	230	1	0.0	64.0	66	64.0	10	----	57.4	6.6	5	1.6
988 Terrace St	231	1	0.0	67.2	66	67.2	10	Snd Lvl	59.6	7.6	5	2.6
980 Terrace St	232	1	0.0	66.3	66	66.3	10	Snd Lvl	58.9	7.4	5	2.4
976 Terrace St	233	1	0.0	65.6	66	65.6	10	----	58.1	7.5	5	2.5
970 Terrace St	234	1	0.0	64.9	66	64.9	10	----	57.6	7.3	5	2.3
960 Terrace St	235	1	0.0	64.1	66	64.1	10	----	57.2	6.9	5	1.9
954 Terrace St	236	1	0.0	63.4	66	63.4	10	----	56.6	6.8	5	1.8
952 Terrace St	237	1	0.0	62.1	66	62.1	10	----	55.6	6.5	5	1.5
946 Senette St	238	1	0.0	67.5	66	67.5	10	Snd Lvl	60.3	7.2	5	2.2
918 Senette St	239	1	0.0	66.3	66	66.3	10	Snd Lvl	59.1	7.2	5	2.2
920 Swart St	242	1	0.0	66.7	66	66.7	10	Snd Lvl	59.9	6.8	5	1.8
912 Swart St	243	1	0.0	65.7	66	65.7	10	----	59.1	6.6	5	1.6
931 Burns Dr	244	1	0.0	65.6	66	65.6	10	----	59.3	6.3	5	1.3
877 Burns Dr	245	1	0.0	62.9	66	62.9	10	----	57.1	5.8	5	0.8
855 Burns Dr	246	1	0.0	62.9	66	62.9	10	----	56.1	6.8	5	1.8
955 Cotton St	247	1	0.0	66.3	66	66.3	10	Snd Lvl	59.4	6.9	5	1.9
837 Cotton St	248	1	0.0	63.6	66	63.6	10	----	56.6	7.0	5	2.0
922 Cotton St	250	1	0.0	66.6	66	66.6	10	Snd Lvl	60.3	6.3	5	1.3
906 Cotton St	251	1	0.0	66.3	66	66.3	10	Snd Lvl	59.6	6.7	5	1.7
876 Cotton St	252	1	0.0	65.3	66	65.3	10	----	58.4	6.9	5	1.9
855 Louise St	253	1	0.0	65.6	66	65.6	10	----	59.2	6.4	5	1.4
853 Louise St	254	1	0.0	65.0	66	65.0	10	----	58.4	6.6	5	1.6
851 Louise St	255	1	0.0	64.8	66	64.8	10	----	58.1	6.7	5	1.7
926 Louise St	256	1	0.0	65.7	66	65.7	10	----	59.8	5.9	5	0.9
1541 Utah St	257	1	0.0	67.3	66	67.3	10	Snd Lvl	61.0	6.3	5	1.3
1555 Utah St	258	1	0.0	67.2	66	67.2	10	Snd Lvl	61.0	6.2	5	1.2
866 Louise St	259	1	0.0	65.6	66	65.6	10	----	59.5	6.1	5	1.1

1520 Utah St	260	1	0.0	65.6	66	65.6	10	----	59.1	6.5	5	1.5
1530 Utah St	261	1	0.0	65.6	66	65.6	10	----	59.1	6.5	5	1.5
1542 Utah St	262	1	0.0	65.6	66	65.6	10	----	58.9	6.7	5	1.7
1550 Utah St	263	1	0.0	65.6	66	65.6	10	----	58.8	6.8	5	1.8
1558 Utah St	264	1	0.0	65.3	66	65.3	10	----	58.6	6.7	5	1.7
1564 Utah St	265	1	0.0	65.2	66	65.2	10	----	58.6	6.6	5	1.6
1567 Thomas H Delpit Dr	266	1	0.0	63.5	66	63.5	10	----	57.2	6.3	5	1.3
New Jerusalem Bapt Church (no ext use)	267	1	0.0	63.3	66	63.3	10	----	56.2	7.1	5	2.1
1669 Thomas H Delpit Dr	269	1	0.0	64.9	66	64.9	10	----	58.1	6.8	5	1.8
1649 Thomas H Delpit Dr	270	1	0.0	63.8	66	63.8	10	----	56.4	7.4	5	2.4
928 Lettsworth Dr	271	1	0.0	66.3	66	66.3	10	Snd Lvl	60.0	6.3	5	1.3
912 Lettsworth Dr	272	1	0.0	65.7	66	65.7	10	----	59.5	6.2	5	1.2
606 Myrtle St	274	1	0.0	66.5	66	66.5	10	Snd Lvl	59.7	6.8	5	1.8
608 Myrtle St	275	1	0.0	66.5	66	66.5	10	Snd Lvl	59.5	7.0	5	2.0
610 Myrtle St	276	1	0.0	66.5	66	66.5	10	Snd Lvl	59.5	7.0	5	2.0
614 Myrtle St	277	1	0.0	66.6	66	66.6	10	Snd Lvl	59.4	7.2	5	2.2
616 Myrtle St	278	1	0.0	66.6	66	66.6	10	Snd Lvl	59.4	7.2	5	2.2
618 Myrtle St	279	1	0.0	66.6	66	66.6	10	Snd Lvl	59.4	7.2	5	2.2
1121 Royal St	280	1	0.0	63.9	66	63.9	10	----	56.3	7.6	5	2.6
1123 Royal St	281	1	0.0	64.0	66	64.0	10	----	56.5	7.5	5	2.5
1125 Royal St	282	1	0.0	61.4	66	61.4	10	----	54.7	6.7	5	1.7
1127 Royal St	283	1	0.0	60.3	66	60.3	10	----	57.0	3.3	5	-1.7
1129 Royal St	284	1	0.0	62.5	66	62.5	10	----	57.9	4.6	5	-0.4
601 Julia St	285	1	0.0	59.8	66	59.8	10	----	52.3	7.5	5	2.5
627 Julia St	286	1	0.0	61.2	66	61.2	10	----	54.9	6.3	5	1.3
635 Julia St	287	1	0.0	61.2	66	61.2	10	----	55.0	6.2	5	1.2
1110 Napolean St	288	1	0.0	63.7	66	63.7	10	----	56.4	7.3	5	2.3
1114 Napolean St	289	1	0.0	63.2	66	63.2	10	----	56.1	7.1	5	2.1
1116 Napolean St	290	1	0.0	63.0	66	63.0	10	----	56.0	7.0	5	2.0
1122 Napolean St	291	1	0.0	62.3	66	62.3	10	----	55.5	6.8	5	1.8
1124 Napolean St	292	1	0.0	64.6	66	64.6	10	----	57.5	7.1	5	2.1
1126 Napolean St	293	1	0.0	62.3	66	62.3	10	----	54.1	8.2	5	3.2
1128 Napolean St	294	1	0.0	61.8	66	61.8	10	----	56.1	5.7	5	0.7
1130 Napolean St	295	1	0.0	61.6	66	61.6	10	----	54.4	7.2	5	2.2
1136 Napolean St	296	1	0.0	61.4	66	61.4	10	----	54.4	7.0	5	2.0
1140 Napolean St	297	1	0.0	60.9	66	60.9	10	----	53.8	7.1	5	2.1
1142 Napolean St	298	1	0.0	60.7	66	60.7	10	----	54.0	6.7	5	1.7
1144 Napolean St	299	1	0.0	60.6	66	60.6	10	----	53.9	6.7	5	1.7
1146 Napolean St	300	1	0.0	60.2	66	60.2	10	----	53.4	6.8	5	1.8
704 Myrtle St	301	1	0.0	66.3	66	66.3	10	Snd Lvl	59.2	7.1	5	2.1
706 Myrtle St	302	1	0.0	66.2	66	66.2	10	Snd Lvl	59.1	7.1	5	2.1

708 Myrtle St	303	1	0.0	66.1	66	66.1	10	Snd Lvl	59.0	7.1	5	2.1
710 Myrtle St	304	1	0.0	64.8	66	64.8	10	----	58.2	6.6	5	1.6
714 Myrtle St	305	1	0.0	65.8	66	65.8	10	----	59.0	6.8	5	1.8
722 Myrtle St	306	1	0.0	65.6	66	65.6	10	----	58.9	6.7	5	1.7
1111 Napolean St	307	1	0.0	64.4	66	64.4	10	----	57.1	7.3	5	2.3
1113 Napolean St	308	1	0.0	63.9	66	63.9	10	----	56.5	7.4	5	2.4
1115 Napolean St	309	1	0.0	63.5	66	63.5	10	----	56.5	7.0	5	2.0
1119 Napolean St	310	1	0.0	62.9	66	62.9	10	----	56.2	6.7	5	1.7
1123 Napolean St	311	1	0.0	62.6	66	62.6	10	----	56.2	6.4	5	1.4
1129 Napolean St	312	1	0.0	61.9	66	61.9	10	----	55.0	6.9	5	1.9
1139 Napolean St	313	1	0.0	61.4	66	61.4	10	----	55.3	6.1	5	1.1
1145 Napolean St	314	1	0.0	61.9	66	61.9	10	----	55.9	6.0	5	1.0
707 Julia St	315	1	0.0	62.5	66	62.5	10	----	55.7	6.8	5	1.8
713 Julia St	316	1	0.0	62.5	66	62.5	10	----	55.9	6.6	5	1.6
715 Julia St	317	1	0.0	62.4	66	62.4	10	----	56.0	6.4	5	1.4
725 Julia St	318	1	0.0	62.4	66	62.4	10	----	56.0	6.4	5	1.4
1108 St Joseph St	319	1	0.0	63.0	66	63.0	10	----	56.1	6.9	5	1.9
1110 St Joseph St	320	1	0.0	62.7	66	62.7	10	----	56.4	6.3	5	1.3
1112 St Joseph St	321	1	0.0	63.7	66	63.7	10	----	57.4	6.3	5	1.3
1114 St Joseph St	322	1	0.0	62.2	66	62.2	10	----	55.3	6.9	5	1.9
1120 St Joseph St	323	1	0.0	63.4	66	63.4	10	----	56.2	7.2	5	2.2
1122 St Joseph St	324	1	0.0	61.7	66	61.7	10	----	55.2	6.5	5	1.5
1126 St Joseph St	325	1	0.0	62.2	66	62.2	10	----	55.3	6.9	5	1.9
814 Myrtle St	326	1	0.0	65.3	66	65.3	10	----	58.6	6.7	5	1.7
820 Myrtle St	327	1	0.0	65.1	66	65.1	10	----	58.6	6.5	5	1.5
836 Myrtle St	328	1	0.0	65.8	66	65.8	10	----	59.9	5.9	5	0.9
840 Myrtle St	329	1	0.0	66.0	66	66.0	10	Snd Lvl	59.7	6.3	5	1.3
1102 Maximillian St	330	1	0.0	65.9	66	65.9	10	----	59.5	6.4	5	1.4
1105 St Joseph St	331	1	0.0	63.3	66	63.3	10	----	56.6	6.7	5	1.7
1107 St Joseph St	332	1	0.0	62.7	66	62.7	10	----	55.9	6.8	5	1.8
1119 St Joseph St	333	1	0.0	62.5	66	62.5	10	----	56.2	6.3	5	1.3
1121 St Joseph St	334	1	0.0	62.5	66	62.5	10	----	56.2	6.3	5	1.3
1127 St Joseph St	335	1	0.0	62.4	66	62.4	10	----	55.6	6.8	5	1.8
815 Julia St	336	1	0.0	63.2	66	63.2	10	----	56.5	6.7	5	1.7
821 Julia St	337	1	0.0	63.1	66	63.1	10	----	56.4	6.7	5	1.7
823 Julia St	338	1	0.0	63.0	66	63.0	10	----	56.5	6.5	5	1.5
1106 Maximillian St	339	1	0.0	65.0	66	65.0	10	----	58.2	6.8	5	1.8
1118 Maximillian St	340	1	0.0	64.5	66	64.5	10	----	58.2	6.3	5	1.3
1122 Maximillian St	341	1	0.0	64.3	66	64.3	10	----	58.1	6.2	5	1.2
1124 Maximillian St	342	1	0.0	64.1	66	64.1	10	----	58.0	6.1	5	1.1
1128 Maximillian St	343	1	0.0	63.9	66	63.9	10	----	58.0	5.9	5	0.9

1107 Maximillian St	345	1	0.0	65.7	66	65.7	10	----	59.7	6.0	5	1.0
1113 Maximillian St	346	1	0.0	65.5	66	65.5	10	----	59.2	6.3	5	1.3
1119 Maximillian St	348	1	0.0	65.2	66	65.2	10	----	58.9	6.3	5	1.3
1121 Maximillian St	349	1	0.0	65.0	66	65.0	10	----	58.9	6.1	5	1.1
1123 Maximillian St	350	1	0.0	64.8	66	64.8	10	----	58.7	6.1	5	1.1
1133 Maximillian St	351	1	0.0	64.1	66	64.1	10	----	58.0	6.1	5	1.1
913 Julia St	352	1	0.0	64.6	66	64.6	10	----	58.6	6.0	5	1.0
915 Julia St	353	1	0.0	65.1	66	65.1	10	----	59.0	6.1	5	1.1
953 Julia St	354	1	0.0	65.2	66	65.2	10	----	59.1	6.1	5	1.1
1203 Thomas H Delpit Dr	355	1	0.0	64.5	66	64.5	10	----	58.5	6.0	5	1.0
1608 Thomas H Delpit Dr	356	1	0.0	61.7	66	61.7	10	----	55.6	6.1	5	1.1
1652 Thomas H Delpit Dr	357	1	0.0	57.9	66	57.9	10	----	53.1	4.8	5	-0.2
1668 Thomas H Delpit Dr	359	1	0.0	57.9	66	57.9	10	----	52.9	5.0	5	0.0
1718 Thomas H Delpit Dr	360	1	0.0	60.8	66	60.8	10	----	54.7	6.1	5	1.1
915 Myrtle St	362	1	0.0	67.3	66	67.3	10	Snd Lvl	59.9	7.4	5	2.4
1006 Julia St (first row)	364	1	0.0	66.3	66	66.3	10	Snd Lvl	61.7	4.6	5	-0.4
Baranco Clark YMCA Playground N	366	1	0.0	65.9	66	65.9	10	----	62.1	3.8	5	-1.2

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	205	1.8	6.8	9.8
All Impacted	96	1.8	7.1	9.8
All that meet NR Goal	196	5.0	6.9	9.8

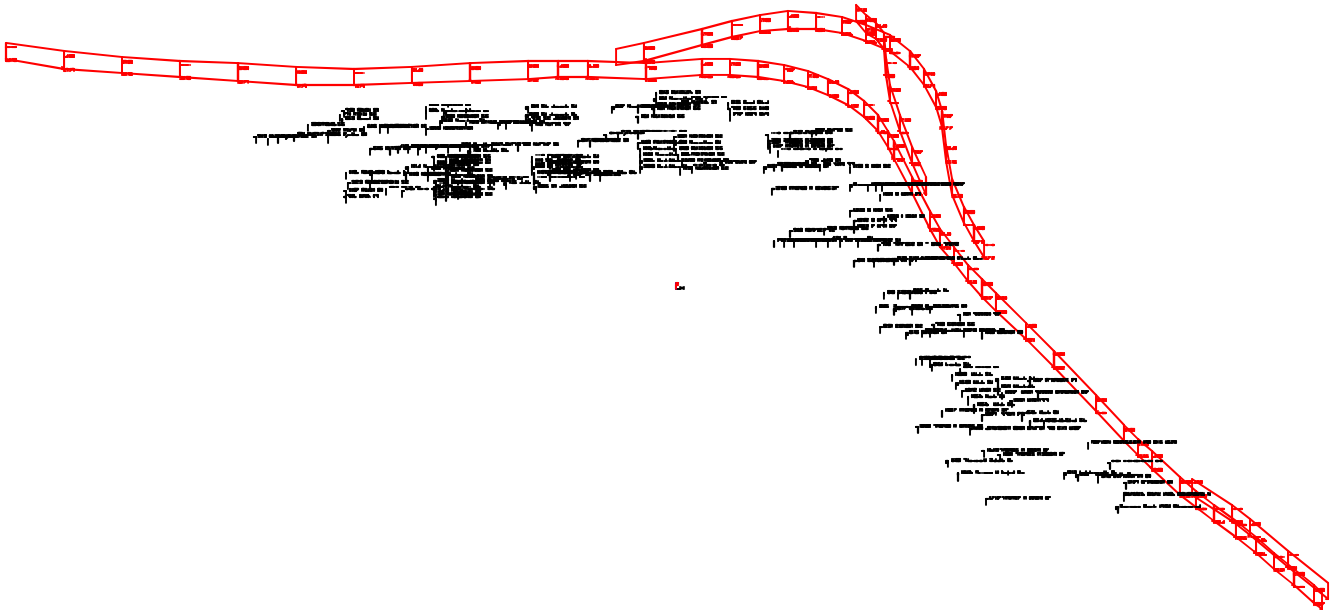
LADOTD 7 April 2025
JNM TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: H.004100.2
RUN: Washington - Build EB1
BARRIER DESIGN: Max Barriers
ATMOSPHERICS: 68 deg F, 50% RH

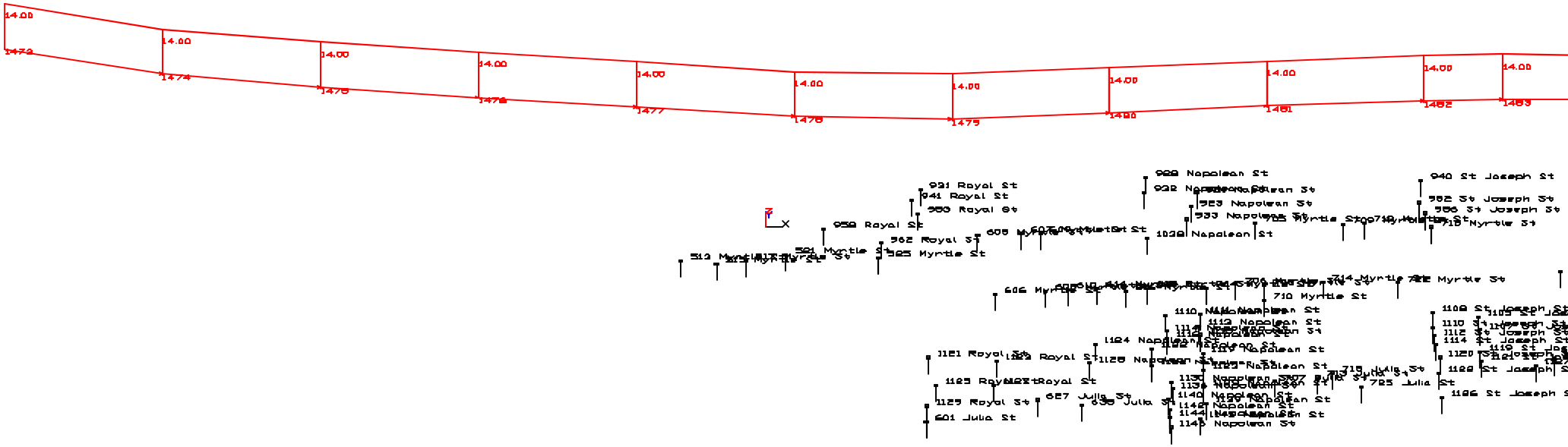
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Neeley new	369	1	0.0	65.3	66	65.3	10	----	59.3	6.0	5	1.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	1	6.0	6.0	6.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	1	6.0	6.0	6.0

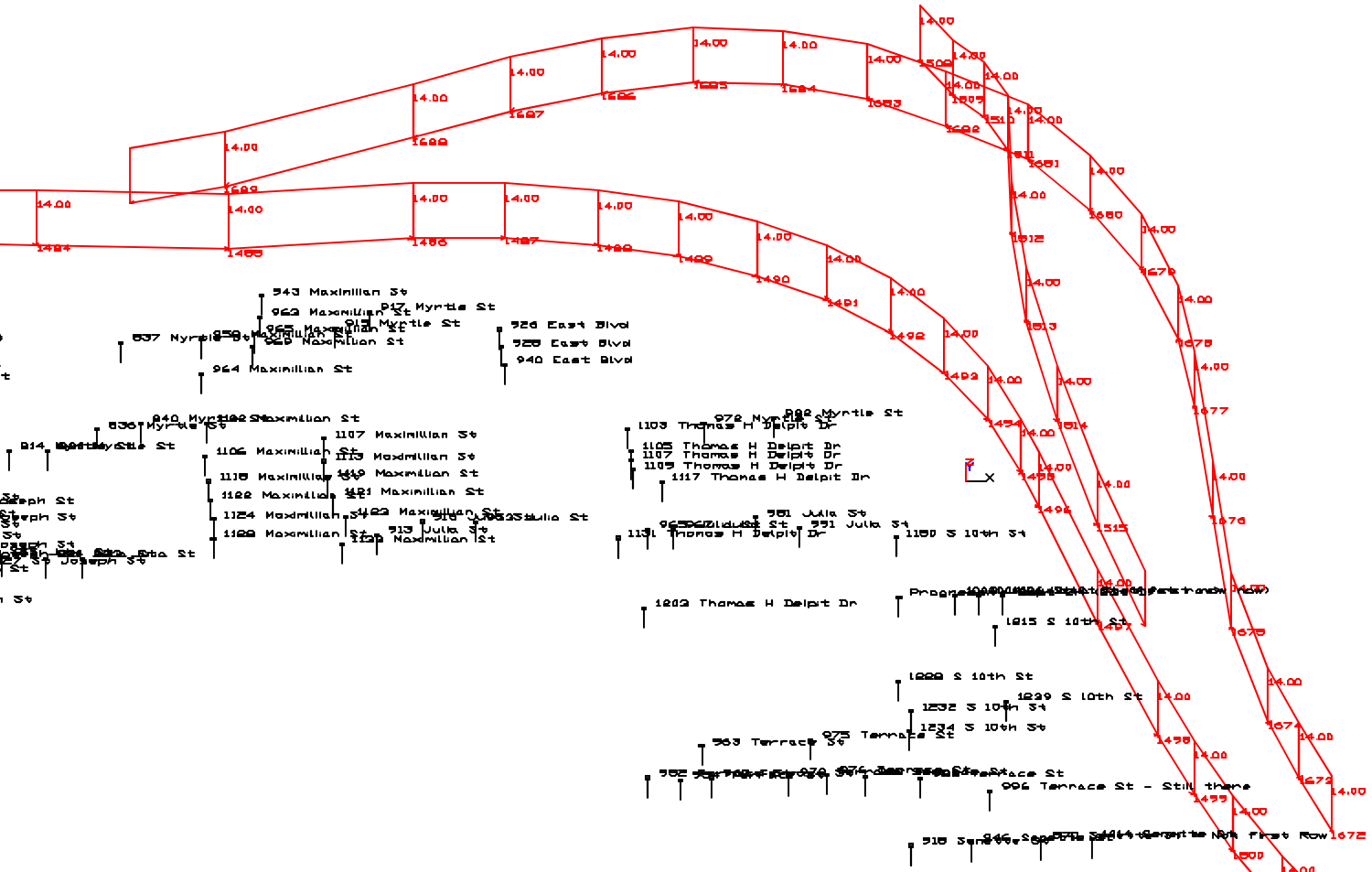


Washington - Build EB1		Sheet 1 of 1	7 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: Fix 3		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	



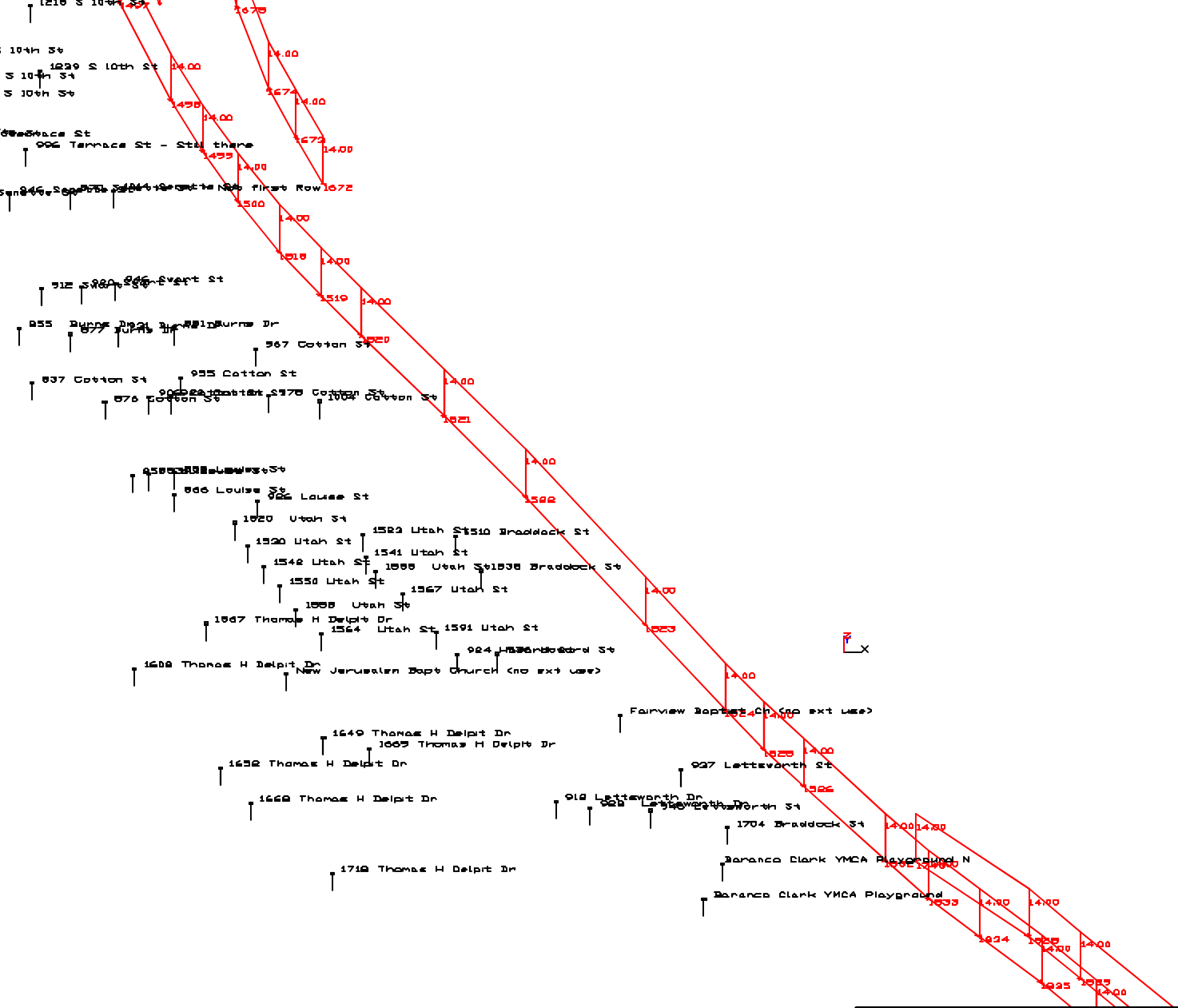
Washington - Build EB1	Sheet 1 of 1 | 7 Apr 2025
	LADOTD
Barrier View-Max Barriers	Project/Contract No. H.004100.2
Run name: Fix 3	TNM Version 2.5, Feb 2004
Scale: <DNA - due to perspective>	Analysis By: JNM

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

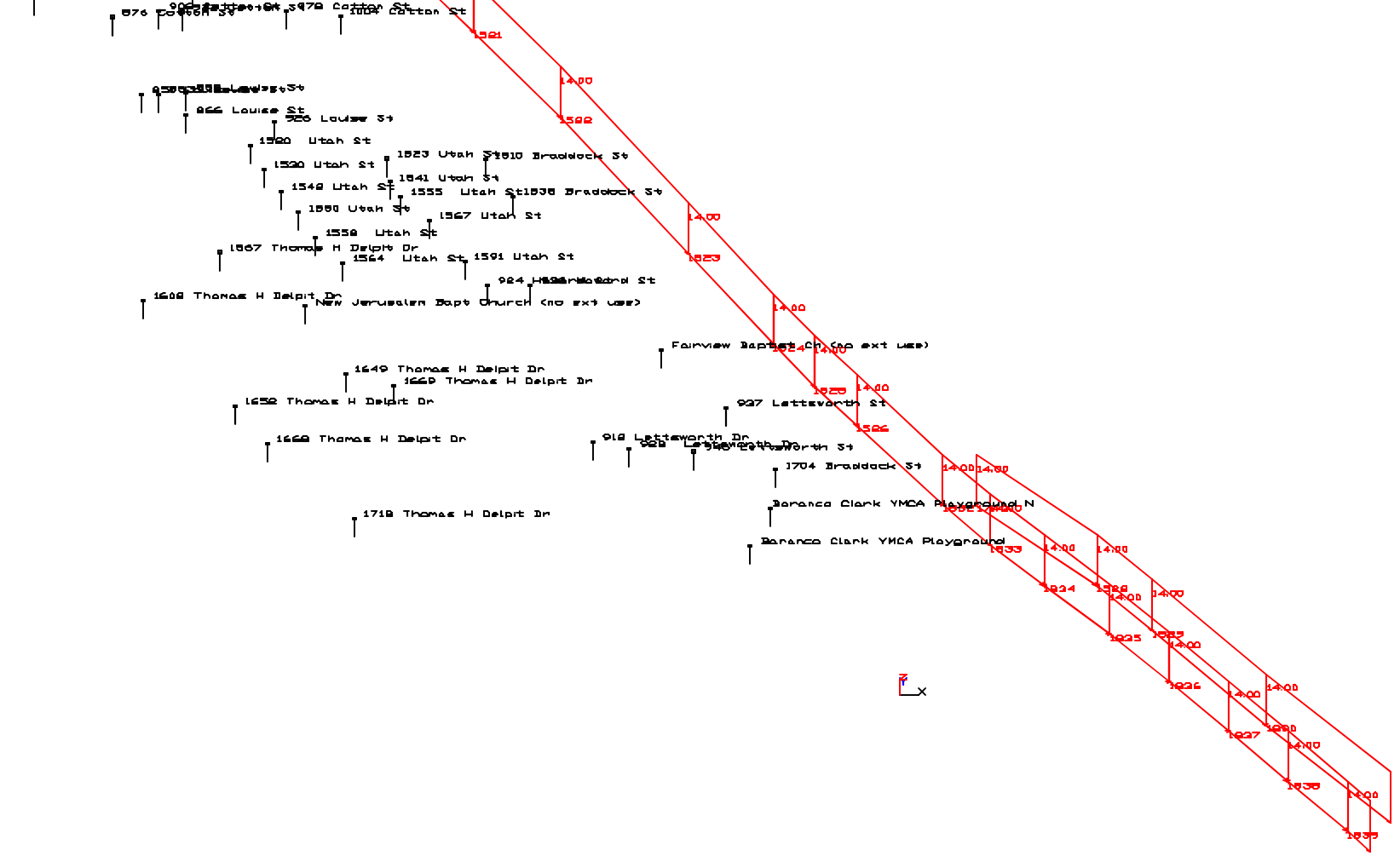


Washington - Build EB1	Sheet 1 of 1 | 7 Apr 2025
	LADOTD
Barrier View-Max Barriers	Project/Contract No. H.004100.2
Run name: Fix 3	TNM Version 2.5, Feb 2004
Scale: <DNA - due to perspective>	Analysis By: JNM

Roadway:	——→	Ground Zone:	polygon
Receiver:	□	Tree Zone:	dashed polygon
Barrier:	——→	Contour Zone:	polygon
Building Row:	— —	Parallel Barrier:	═══
Terrain Line:	———	Skew Section:	—→



Washington - Build EB1		Sheet 1 of 1	7 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: Fix 3		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	



Washington - Build EB1		Sheet 1 of 1	7 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: Fix 3		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

Appendix H-2

EB2 NSA Barriers - Not Feasible

Feasibility Worksheet			
Project	ID number	Route Location	
	H.004100	I-10: LA 415 to Essen on I-10 and I-12	
Barrier	Location	Length (feet)	Height (feet)
	EB2	3,750	14 & 17
Number of first row receptors (receptors adjacent to barrier):	Number of *first row* receptors that achieve at least a 5dBA reduction in noise with barrier:		% that achieve ≥ 5 dBA reduction:
23	11		47.8%
Are there any additional feasibility issues to consider?	*Explain:* Some of the barriers are on structure and the rest are adjacent to the roadway, so the barriers are limited to a 14-foot or 17-foot height.		
Based on the above, is the barrier feasible?	Circle Yes or (No)		
	Explain: The barrier did not benefit at least 75% of the impacted 1st row receptors.		

EB2 NSA Not Feasible

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1824 Kentucky St	1	B	Yes	86	65.9	70.8	60.3	69.7	5.6	1.1	Yes	No	0	0
2	1820 Kentucky St	1	B	Yes	104	65.3	69.7	59.8	68.4	5.5	1.3	Yes	No	0	0
3	1840 Kentucky St	1	B	Yes	152	65.4	68.5	59.4	66.5	6	2	Yes	No	0	0
4	1844 Kentucky St	1	B	Yes	163	65.4	68.6	59.2	66.5	6.2	2.1	Yes	No	0	0
5	1851 Kentucky St - GONE	0													
6	1859 Kentucky St	1	B	Yes	107	65.5	69.8	58.6	68.2	6.9	1.6	Yes	No	0	0
7	1867 Kentucky St	1	B	Yes	124	66.1	69.9	59.4	68.3	6.7	1.6	Yes	No	0	0
8	1879 Kentucky St	1	B	Yes	147	65.9	69.2	59.8	67.3	6.1	1.9	Yes	No	0	0
9	1920 Maryland St	1	B	Yes	114	64.5	69.4	59.3	68.3	5.2	1.1	Yes	No	0	0
10	1926 Maryland St	1	B	Yes	160	64.9	68.3	60.8	66.9	4.1	1.4	Yes	No	0	0
11	1934 Maryland St	1	B	Yes		65.5	65.5	60.1	60.1	5.4	5.4	No	Yes	1	0
12	1940 Maryland St	1	B	Yes		65.5	65.5	60	60	5.5	5.5	No	Yes	1	0
13	1952 Maryland St	1	B	Yes		65.9	65.9	59.4	59.4	6.5	6.5	No	Yes	1	0
14	1159 E Harrison St	1	B	Yes		63.6	63.6	57.5	57.5	6.1	6.1	No	Yes	1	0
15	2002 Virginia St	1	B	Yes		67.8	67.8	60.6	60.6	7.2	7.2	Yes	Yes	1	0
16	2019 Virginia St - GONE	0													
17	2041 Virginia St	1	B	Yes		66.1	66.1	60.2	60.2	5.9	5.9	Yes	Yes	1	0
18	2053 Virginia St - GONE	0													
19	2042 Missouri St	1	B	Yes		64.4	64.4	58.8	58.8	5.6	5.6	No	Yes	1	0
20	2060 Missouri St	1	B	Yes		65.6	65.6	58.6	58.6	7	7	No	Yes	1	0
21	2065 Missouri St	1	B	Yes		67.4	67.4	61.7	61.7	5.7	5.7	Yes	Yes	1	0
22	2109 Missouri St	1	B	Yes		67.3	67.3	59.1	59.1	8.2	8.2	Yes	Yes	1	1
23	2122 Carolina St - GONE	0													
24	2130 Carolina St	1	B	Yes		69.8	69.8	60.4	60.4	9.4	9.4	Yes	Yes	1	1
25	2160 Carolina St	1	B	No		67	67	58.6	58.6	8.4	8.4	Yes	Yes	1	1
26	2175 Carolina St	1	B	Yes		73.2	73.2	62.3	62.3	10.9	10.9	Yes	Yes	1	1
27	East Polk St Park (Bball)	1	C	Yes		72.6	72.6	62.3	62.3	10.3	10.3	Yes	Yes	1	1
28	East Polk St Park (Playground)	1	C	Yes		68.7	68.7	59.4	59.4	9.3	9.3	Yes	Yes	1	1
29	East Pol St Park (Baseball)	1	C	Yes		69.4	69.4	59.8	59.8	9.6	9.6	Yes	Yes	1	1
30	2360 Dalrymple Dr	1	B	Yes		69.7	69.7	61.4	61.4	8.3	8.3	Yes	Yes	1	1
31	2424 Dalrymple Dr	1	B	Yes		66.5	66.5	61.9	61.9	4.6	4.6	Yes	No	0	0
32	1813 Georgia St	1	B	No	168	62.6	67.3	57.6	66.2	5	1.1	Yes	No	0	0
33	1815 Georgia St	1	B	No	193	62.3	62.4	57.8	58	4.5	4.4	No	No	0	0
34	1837 Georgia St - GONE	0													

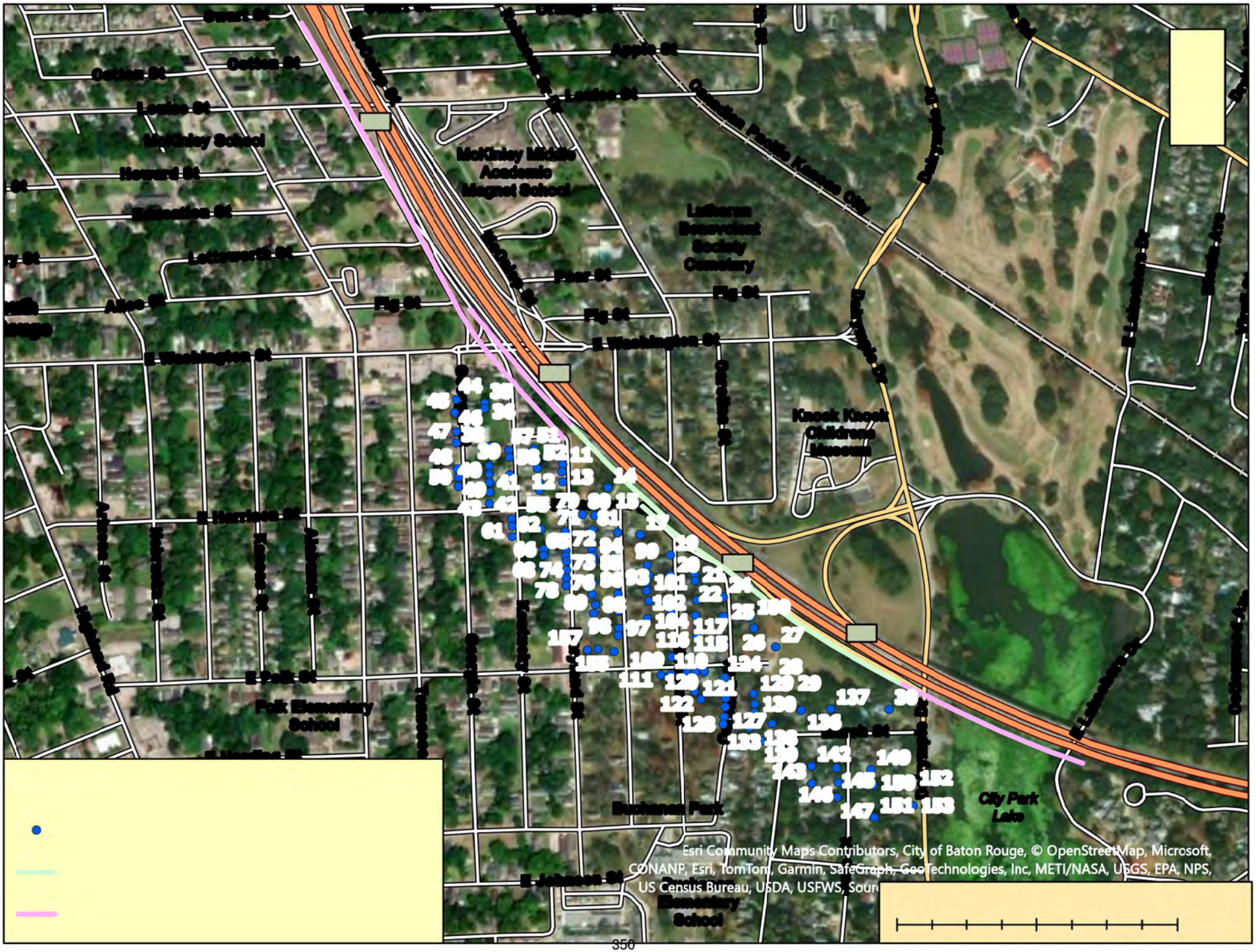
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
35	1839 Georgia St	1	B	No		62.8	62.8	56.4	56.4	6.4	6.4	No	Yes	1	0
36	1841 Georgia St	1	B	No		62.4	62.4	56.9	56.9	5.5	5.5	No	Yes	1	0
37	1849 Georgia St	1	B	No		62.9	62.9	58.1	58.1	4.8	4.8	No	No	0	0
38	Calvary Third Bapt Ch (no ext use)	1	D	No		38.9	38.9	32.6	32.6	6.3	6.3	No	Yes	1	0
39	1937 Georgia St	1	B	No		63.3	63.3	56.4	56.4	6.9	6.9	No	Yes	1	0
40	1949 Georgia St	1	B	No		62.9	62.9	56.2	56.2	6.7	6.7	No	Yes	1	0
41	1955 Georgia St	1	B	No		62.9	62.9	56	56	6.9	6.9	No	Yes	1	0
42	1963 Georgia St	1	B	No		62.8	62.8	55.9	55.9	6.9	6.9	No	Yes	1	0
43	1967 Georgia St	1	B	No		62.5	62.5	55.6	55.6	6.9	6.9	No	Yes	1	0
44	1838 Georgia St	1	B	No		63.1	63.1	57	57	6.1	6.1	No	Yes	1	0
45	1850 Georgia St	1	B	No		63.1	63.1	56.7	56.7	6.4	6.4	No	Yes	1	0
46	1870 Georgia St	1	B	No		62.6	62.6	55.9	55.9	6.7	6.7	No	Yes	1	0
47	1904 Georgia St	1	B	No		62.2	62.2	55.3	55.3	6.9	6.9	No	Yes	1	0
48	1942 Georgia St	1	B	No		61.7	61.7	54.4	54.4	7.3	7.3	No	Yes	1	0
49	1950 Georgia St	1	B	No		61.5	61.5	54.3	54.3	7.2	7.2	No	Yes	1	0
50	1956 Georgia St	1	B	No		61.2	61.2	54.1	54.1	7.1	7.1	No	Yes	1	0
51	1923 Kentucky St	1	B	No		65.2	65.2	59.1	59.1	6.1	6.1	No	Yes	1	0
52	1939 Kentucky St	1	B	No		64.5	64.5	58.5	58.5	6	6	No	Yes	1	0
53	1943 Kentucky St	1	B	No		65.1	65.1	58.8	58.8	6.3	6.3	No	Yes	1	0
54	1955 Kentucky St	1	B	No		65.3	65.3	58.7	58.7	6.6	6.6	No	Yes	1	0
55	1965 Kentucky St	1	B	No		64.9	64.9	58.2	58.2	6.7	6.7	No	Yes	1	0
56	1973 Kentucky St - GONE	0													
57	1920 Kentucky St	1	B	No		64.9	64.9	58.2	58.2	6.7	6.7	No	Yes	1	0
58	1934 Kentucky St	1	B	No		64.9	64.9	58.1	58.1	6.8	6.8	No	Yes	1	0
59	1948 Kentucky St	1	B	No		63.9	63.9	57.3	57.3	6.6	6.6	No	Yes	1	0
60	942 E Harrison St	1	B	No		62.8	62.8	56.1	56.1	6.7	6.7	No	Yes	1	0
61	2010 Kentucky St	1	B	No		62.4	62.4	55.6	55.6	6.8	6.8	No	Yes	1	0
62	2018 Kentucky St	1	B	No		61.8	61.8	55.1	55.1	6.7	6.7	No	Yes	1	0
63	2026 Kentucky St - GONE	0													
64	2028 Kentucky St - GONE	0													
65	2009 Kentucky St	1	B	No		63.6	63.6	56.5	56.5	7.1	7.1	No	Yes	1	0
66	2033 Kentucky St	1	B	No		62.3	62.3	55.1	55.1	7.2	7.2	No	Yes	1	0
67	2039 Kentucky St	1	B	No		61.8	61.8	55.4	55.4	6.4	6.4	No	Yes	1	0
68	2055 Kentucky St	1	B	No		61.5	61.5	54.4	54.4	7.1	7.1	No	Yes	1	0
69	2002 Maryland St	1	B	No		66.1	66.1	58.6	58.6	7.5	7.5	Yes	Yes	1	0
70	2010 Maryland St - GONE	0													
71	2016 Maryland St	1	B	No		65.1	65.1	57.1	57.1	8	8	No	Yes	1	1

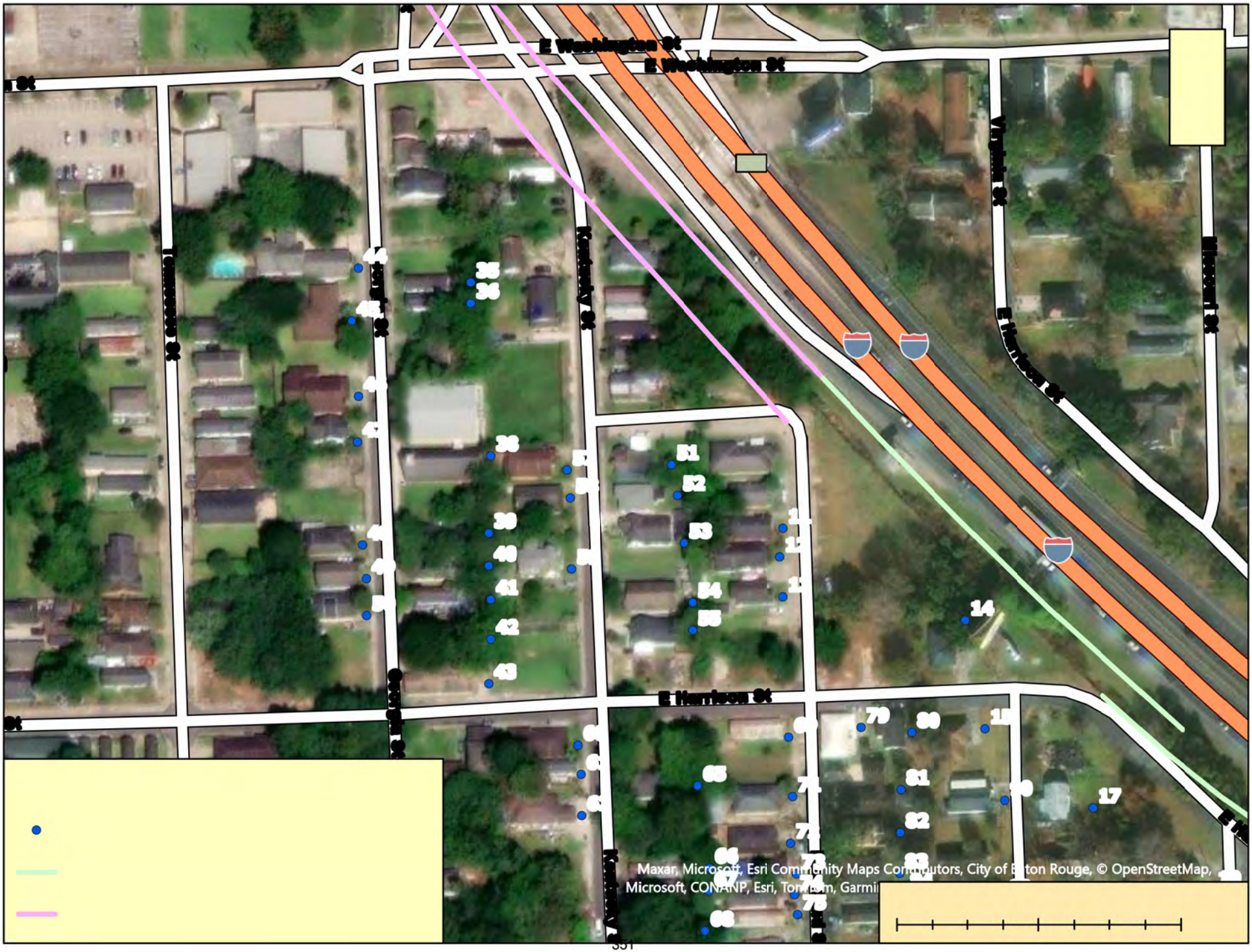
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
72	2028 Maryland St	1	B	No		64.5	64.5	56.6	56.6	7.9	7.9	No	Yes	1	0
73	2034 Maryland St	1	B	No		64.2	64.2	56.3	56.3	7.9	7.9	No	Yes	1	0
74	2042 Maryland St	1	B	No		63.9	63.9	56	56	7.9	7.9	No	Yes	1	0
75	2044 Maryland St	1	B	No		63.8	63.8	55.7	55.7	8.1	8.1	No	Yes	1	1
76	2054 Maryland St	1	B	No		63.3	63.3	55.3	55.3	8	8	No	Yes	1	1
77	2060 Maryland St	1	B	No		62.8	62.8	54.8	54.8	8	8	No	Yes	1	1
78	2112 Maryland St	1	B	No		62.6	62.6	54.6	54.6	8	8	No	Yes	1	1
79	1104 E Harrison St	1	B	No		67.3	67.3	59.6	59.6	7.7	7.7	Yes	Yes	1	0
80	1108 E Harrison St	1	B	No		68	68	59.9	59.9	8.1	8.1	Yes	Yes	1	1
81	2015 Maryland St	1	B	No		68.1	68.1	59.2	59.2	8.9	8.9	Yes	Yes	1	1
82	2025 Maryland St	1	B	No		67.7	67.7	58.5	58.5	9.2	9.2	Yes	Yes	1	1
83	2033 Maryland St	1	B	No		67.1	67.1	58.2	58.2	8.9	8.9	Yes	Yes	1	1
84	2039 Maryland St	1	B	No		66.9	66.9	58.2	58.2	8.7	8.7	Yes	Yes	1	1
85	2045 Maryland St	1	B	No		66.6	66.6	58	58	8.6	8.6	Yes	Yes	1	1
86	2103 Maryland St	1	B	No		65.7	65.7	56.9	56.9	8.8	8.8	No	Yes	1	1
87	2121 Maryland St	1	B	No		65.3	65.3	56.6	56.6	8.7	8.7	No	Yes	1	1
88	2135 Maryland St	1	B	No		65.1	65.1	56.4	56.4	8.7	8.7	No	Yes	1	1
89	2147 Maryland St	1	B	No		64.8	64.8	55.9	55.9	8.9	8.9	No	Yes	1	1
90	2036 Virginia St	1	B	No		68.9	68.9	60.3	60.3	8.6	8.6	Yes	Yes	1	1
91	2056 Virginia St - GONE	0													
92	2072 Virginia St	1	B	No		68.5	68.5	59.2	59.2	9.3	9.3	Yes	Yes	1	1
93	2076 Virginia St	1	B	No		66.3	66.3	57.5	57.5	8.8	8.8	Yes	Yes	1	1
94	2110 Virginia St	1	B	No		65.7	65.7	56.8	56.8	8.9	8.9	No	Yes	1	1
95	2120 Virginia St	1	B	No		65.9	65.9	57.2	57.2	8.7	8.7	No	Yes	1	1
96	2140 Virginia St	1	B	No		65.3	65.3	57.3	57.3	8	8	No	Yes	1	1
97	2164 Virginia St	1	B	No		64.7	64.7	56.1	56.1	8.6	8.6	No	Yes	1	1
98	2174 Virginia St	1	B	No		64.5	64.5	56	56	8.5	8.5	No	Yes	1	1
99	2079 Virginia St	1	B	No		66.3	66.3	58.8	58.8	7.5	7.5	Yes	Yes	1	0
100	2085 Virginia St	1	B	No		65.3	65.3	57.4	57.4	7.9	7.9	No	Yes	1	0
101	2111 Virginia St	1	B	No		64.7	64.7	56.9	56.9	7.8	7.8	No	Yes	1	0
102	2115 Virginia St	1	B	No		63.8	63.8	56.2	56.2	7.6	7.6	No	Yes	1	0
103	2129 Virginia St	1	B	No		63.2	63.2	55.6	55.6	7.6	7.6	No	Yes	1	0
104	2149 Virginia St	1	B	No		62	62	54.8	54.8	7.2	7.2	No	Yes	1	0
105	2136 Missouri St	1	B	No		64.9	64.9	56.8	56.8	8.1	8.1	No	Yes	1	1
106	2148 Missouri St	1	B	No		63.8	63.8	56.2	56.2	7.6	7.6	No	Yes	1	0
107	2178 Missouri St - GONE	0													
108	2186 Missouri St - GONE	0													
109	1157 E Polk St	1	B	No		60.7	60.7	54.2	54.2	6.5	6.5	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
110	1158 E Polk St	1	B	No		59.3	59.3	53.5	53.5	5.8	5.8	No	Yes	1	0
111	1156 E Polk St	1	B	No		58.9	58.9	53.7	53.7	5.2	5.2	No	Yes	1	0
112	2135 Missouri St	1	B	No		65.2	65.2	58.2	58.2	7	7	No	Yes	1	0
113	2161 Missouri St	1	B	No		63.6	63.6	56.6	56.6	7	7	No	Yes	1	0
114	2173 Missouri St	1	B	No		63.3	63.3	56.4	56.4	6.9	6.9	No	Yes	1	0
115	1209 E Polk St	1	B	No		61.6	61.6	55.2	55.2	6.4	6.4	No	Yes	1	0
116	1211 E Polk St	1	B	No		62.2	62.2	55.6	55.6	6.6	6.6	No	Yes	1	0
117	1221 E Polk St	1	B	No		62.3	62.3	56.1	56.1	6.2	6.2	No	Yes	1	0
118	1206 E Polk St	1	B	No		59.3	59.3	53.6	53.6	5.7	5.7	No	Yes	1	0
119	1210 E Polk St	1	B	No		59.1	59.1	53.7	53.7	5.4	5.4	No	Yes	1	0
120	1212 E Polk St	1	B	No		58.9	58.9	53.7	53.7	5.2	5.2	No	Yes	1	0
121	2201 Missouri St	1	B	No		58.4	58.4	51.9	51.9	6.5	6.5	No	Yes	1	0
122	2221 Missouri St	1	B	No		58.5	58.5	51.9	51.9	6.6	6.6	No	Yes	1	0
123	1229 E Polk St	1	B	No		65	65	57.7	57.7	7.3	7.3	No	Yes	1	0
124	1236 E Polk St	1	B	No		62.4	62.4	55.9	55.9	6.5	6.5	No	Yes	1	0
125	2236 Carolina St	1	B	No		59.7	59.7	53	53	6.7	6.7	No	Yes	1	0
126	2266 Carolina St	1	B	No		57.9	57.9	51.7	51.7	6.2	6.2	No	Yes	1	0
127	2270 Carolina St	1	B	No		56.9	56.9	51.2	51.2	5.7	5.7	No	Yes	1	0
128	2282 Carolina St	1	B	No		55.7	55.7	50.6	50.6	5.1	5.1	No	Yes	1	0
129	2245 Carolina St	1	B	No		64.5	64.5	57.4	57.4	7.1	7.1	No	Yes	1	0
130	2249 Carolina St	1	B	No		63.5	63.5	56.3	56.3	7.2	7.2	No	Yes	1	0
131	2265 Carolina St	1	B	No		62.3	62.3	55.6	55.6	6.7	6.7	No	Yes	1	0
132	2269 Carolina St	1	B	No		61.2	61.2	55	55	6.2	6.2	No	Yes	1	0
133	2273 Carolina St	1	B	No		60	60	54.2	54.2	5.8	5.8	No	Yes	1	0
134	2289 Carolina St	1	B	No		58.3	58.3	54.2	54.2	4.1	4.1	No	No	0	0
135	1705 March St	1	B	No		64.9	64.9	57.7	57.7	7.2	7.2	No	Yes	1	0
136	1735 March St	1	B	No		66.5	66.5	58.2	58.2	8.3	8.3	Yes	Yes	1	1
137	1775 March St	1	B	No		67.3	67.3	58.9	58.9	8.4	8.4	Yes	Yes	1	1
138	2408 July St	1	B	No		62.5	62.5	56.3	56.3	6.2	6.2	No	Yes	1	0
139	2412 July St	1	B	No		59.9	59.9	54.6	54.6	5.3	5.3	No	Yes	1	0
140	2430 July St	1	B	No		61.3	61.3	58.2	58.2	3.1	3.1	No	No	0	0
141	2407 July St	1	B	No		64.4	64.4	61.6	61.6	2.8	2.8	No	No	0	0
142	2425 July St	1	B	No		60	60	54	54	6	6	No	Yes	1	0
143	2437 July St	1	B	No		59.2	59.2	52.8	52.8	6.4	6.4	No	Yes	1	0
144	2406 June St	1	B	No		64.5	64.5	60.7	60.7	3.8	3.8	No	No	0	0
145	2416 June St	1	B	No		61.9	61.9	55.6	55.6	6.3	6.3	No	Yes	1	0
146	2434 June St	1	B	No		59.8	59.8	53	53	6.8	6.8	No	Yes	1	0
147	2446 June St	1	B	No		58.3	58.3	51.7	51.7	6.6	6.6	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
148	2405 June St	1	B	No		65.4	65.4	61.6	61.6	3.8	3.8	No	No	0	0
149	2425 June St	1	B	No		61.4	61.4	55.1	55.1	6.3	6.3	No	Yes	1	0
150	2435 June St	1	B	No		61.3	61.3	54.8	54.8	6.5	6.5	No	Yes	1	0
151	2519 June St	1	B	No		60.1	60.1	53	53	7.1	7.1	No	Yes	1	0
152	2502 Dalrymple Dr	1	B	No		64.8	64.8	59.1	59.1	5.7	5.7	No	Yes	1	0
153	2436 Dalrymple Dr	1	B	No		63.7	63.7	58.3	58.3	5.4	5.4	No	Yes	1	0
154	2528 Dalrymple Dr	1	B	No		62	62	57.1	57.1	4.9	4.9	No	No	0	0
155	1055 E Polk St	1	B	No		63.5	63.5	55.2	55.2	8.3	8.3	No	Yes	1	1
156	1015-1017 E Polk	2	B	No		62.9	62.9	54.1	54.1	8.8	8.8	No	Yes	2	2
157	1005 E Polk	1	B	No		61.8	61.8	53.6	53.6	8.2	8.2	No	Yes	1	1
158	1855 Kentucky St	1	B	Yes	70	68	72.7	62.1	71.4	5.9	1.3	Yes	No	0	0
159	1807 Georgia St	1	B	Yes	141	65.8	69.2	62.2	67.9	3.6	1.3	Yes	No	0	0
160	2165 Carolina St	1	B	Yes		74.6	74.6	63.3	63.3	11.3	11.3	Yes	Yes	1	1
														Total	Total
														128	39

Feasibility	
# of 1st Row Impacted Receptors	23
# of 1st Row Impacted Receptors & Benefitted	11
Feasible?	No (47.8%)


McKinley Middle Academic Magnet School
McKinley School
Lutheran Benevolent Society Cemetery
Knock Knock Children's Museum
Polk Elementary School
Buchanan Park
City Park Lake
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Sour


E Washington St
E Harrison St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmi


E Harrison St
E Polk St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin


East Polk Street Park
Buchanan Park
March St
March St
April St
April St
April St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmi

LADOTD 8 April 2025
JNM TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: H.004100.2
RUN: I-10 Washington - Build EB2
BARRIER DESIGN: Max Barriers
ATMOSPHERICS: 68 deg F, 50% RH

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

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h		Increase over existing		Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
1824 Kentucky St	147	1	0.0	65.9	66	65.9	10	----	60.3	5.6	5	0.6
1820 Kentucky St	149	1	0.0	65.3	66	65.3	10	----	59.8	5.5	5	0.5
1840 Kentucky St	150	1	0.0	65.4	66	65.4	10	----	59.4	6.0	5	1.0
1844 Kentucky St	151	1	0.0	65.4	66	65.4	10	----	59.2	6.2	5	1.2
1855 Kentucky St	155	1	0.0	68.0	66	68.0	10	Snd Lvl	62.1	5.9	5	0.9
1859 Kentucky St	156	1	0.0	65.5	66	65.5	10	----	58.6	6.9	5	1.9
1867 Kentucky St	157	1	0.0	66.1	66	66.1	10	Snd Lvl	59.4	6.7	5	1.7
1879 Kentucky St	158	1	0.0	65.9	66	65.9	10	----	59.8	6.1	5	1.1
1920 Maryland St	159	1	0.0	64.5	66	64.5	10	----	59.3	5.2	5	0.2
1926 Maryland St	160	1	0.0	64.9	66	64.9	10	----	60.8	4.1	5	-0.9
1934 Maryland St	161	1	0.0	65.5	66	65.5	10	----	60.1	5.4	5	0.4
1940 Maryland St	162	1	0.0	65.5	66	65.5	10	----	60.0	5.5	5	0.5
1952 Maryland St	163	1	0.0	65.9	66	65.9	10	----	59.4	6.5	5	1.5
1159 E Harrison St	164	1	0.0	63.6	66	63.6	10	----	57.5	6.1	5	1.1
2002 Virginia St	165	1	0.0	67.8	66	67.8	10	Snd Lvl	60.6	7.2	5	2.2
2041 Virginia St	167	1	0.0	66.1	66	66.1	10	Snd Lvl	60.2	5.9	5	0.9
2042 Missouri St	169	1	0.0	64.4	66	64.4	10	----	58.8	5.6	5	0.6
2060 Missouri St	170	1	0.0	65.6	66	65.6	10	----	58.6	7.0	5	2.0
2065 Missouri St	171	1	0.0	67.4	66	67.4	10	Snd Lvl	61.7	5.7	5	0.7
2109 Missouri St	172	1	0.0	67.3	66	67.3	10	Snd Lvl	59.1	8.2	5	3.2
2130 Carolina St	174	1	0.0	69.8	66	69.8	10	Snd Lvl	60.4	9.4	5	4.4
2160 Carolina St - not first row	175	1	0.0	67.0	66	67.0	10	Snd Lvl	58.6	8.4	5	3.4
2175 Carolina St	176	1	0.0	73.2	66	73.2	10	Snd Lvl	62.3	10.9	5	5.9
East Polk St Park (Bball)	177	1	0.0	72.6	66	72.6	10	Snd Lvl	62.3	10.3	5	5.3

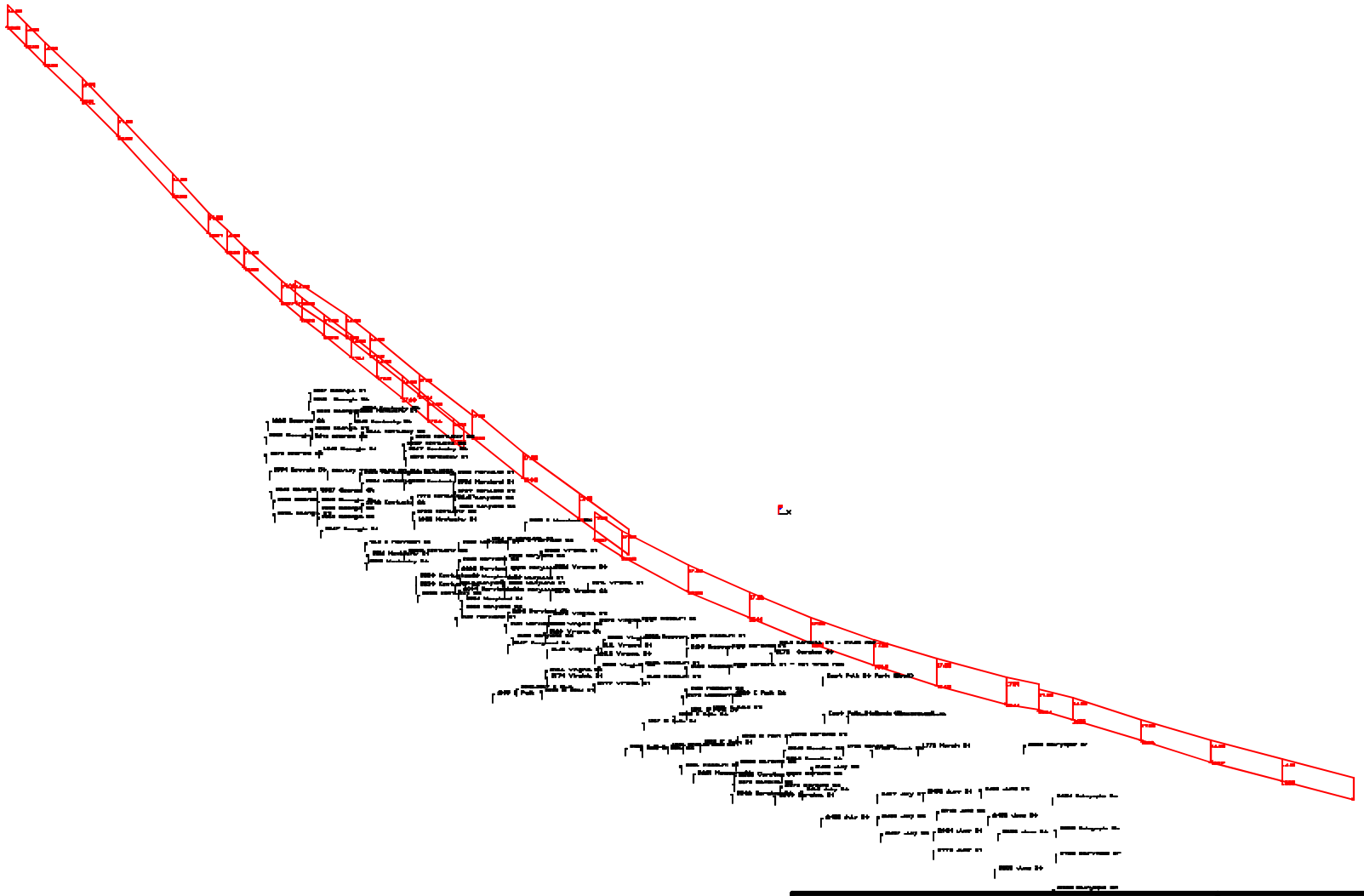
East Polk St Park (Playground)	178	1	0.0	68.7	66	68.7	10	Snd Lvl	59.4	9.3	5	4.3
East Pol St Park (Baseball)	179	1	0.0	69.4	66	69.4	10	Snd Lvl	59.8	9.6	5	4.6
2360 Dalrymple Dr	180	1	0.0	69.7	66	69.7	10	Snd Lvl	61.4	8.3	5	3.3
2424 Dalrymple Dr	181	1	0.0	66.5	66	66.5	10	Snd Lvl	61.9	4.6	5	-0.4
1807 Georgia St	182	1	0.0	65.8	66	65.8	10	----	62.2	3.6	5	-1.4
1813 Georgia St	183	1	0.0	62.6	66	62.6	10	----	57.6	5.0	5	0.0
1815 Georgia St	184	1	0.0	62.3	66	62.3	10	----	57.8	4.5	5	-0.5
1839 Georgia St	186	1	0.0	62.8	66	62.8	10	----	56.4	6.4	5	1.4
1841 Georgia St	187	1	0.0	62.4	66	62.4	10	----	56.9	5.5	5	0.5
1849 Georgia St	188	1	0.0	62.9	66	62.9	10	----	58.1	4.8	5	-0.2
Calvary Third Bapt Ch (no ext use)	189	1	0.0	63.9	66	63.9	10	----	57.6	6.3	5	1.3
1937 Georgia St	190	1	0.0	63.3	66	63.3	10	----	56.4	6.9	5	1.9
1949 Georgia St	191	1	0.0	62.9	66	62.9	10	----	56.2	6.7	5	1.7
1955 Georgia St	192	1	0.0	62.9	66	62.9	10	----	56.0	6.9	5	1.9
1963 Georgia St	193	1	0.0	62.8	66	62.8	10	----	55.9	6.9	5	1.9
1967 Georgia St	194	1	0.0	62.5	66	62.5	10	----	55.6	6.9	5	1.9
1838 Georgia St	195	1	0.0	63.1	66	63.1	10	----	57.0	6.1	5	1.1
1850 Georgia St	196	1	0.0	63.1	66	63.1	10	----	56.7	6.4	5	1.4
1870 Georgia St	197	1	0.0	62.6	66	62.6	10	----	55.9	6.7	5	1.7
1904 Georgia St	198	1	0.0	62.2	66	62.2	10	----	55.3	6.9	5	1.9
1942 Georgia St	199	1	0.0	61.7	66	61.7	10	----	54.4	7.3	5	2.3
1950 Georgia St	200	1	0.0	61.5	66	61.5	10	----	54.3	7.2	5	2.2
1956 Georgia St	201	1	0.0	61.2	66	61.2	10	----	54.1	7.1	5	2.1
1923 Kentucky St	202	1	0.0	65.2	66	65.2	10	----	59.1	6.1	5	1.1
1939 Kentucky St	203	1	0.0	64.5	66	64.5	10	----	58.5	6.0	5	1.0
1943 Kentucky St	204	1	0.0	65.1	66	65.1	10	----	58.8	6.3	5	1.3
1955 Kentucky St	205	1	0.0	65.3	66	65.3	10	----	58.7	6.6	5	1.6
1965 Kentucky St	206	1	0.0	64.9	66	64.9	10	----	58.2	6.7	5	1.7
1920 Kentucky St	208	1	0.0	64.9	66	64.9	10	----	58.2	6.7	5	1.7
1934 Kentucky St	209	1	0.0	64.9	66	64.9	10	----	58.1	6.8	5	1.8
1948 Kentucky St	210	1	0.0	63.9	66	63.9	10	----	57.3	6.6	5	1.6
942 E Harrison St	211	1	0.0	62.8	66	62.8	10	----	56.1	6.7	5	1.7
2010 Kentucky St	212	1	0.0	62.4	66	62.4	10	----	55.6	6.8	5	1.8
2018 Kentucky St	213	1	0.0	61.8	66	61.8	10	----	55.1	6.7	5	1.7
2009 Kentucky St	216	1	0.0	63.6	66	63.6	10	----	56.5	7.1	5	2.1
2033 Kentucky St	217	1	0.0	62.3	66	62.3	10	----	55.1	7.2	5	2.2
2039 Kentucky St	218	1	0.0	61.8	66	61.8	10	----	55.4	6.4	5	1.4
2055 Kentucky St	219	1	0.0	61.5	66	61.5	10	----	54.4	7.1	5	2.1
2002 Maryland St	220	1	0.0	66.1	66	66.1	10	Snd Lvl	58.6	7.5	5	2.5
2016 Maryland St	222	1	0.0	65.1	66	65.1	10	----	57.1	8.0	5	3.0
2028 Maryland St	223	1	0.0	64.5	66	64.5	10	----	56.6	7.9	5	2.9

2034 Maryland St	224	1	0.0	64.2	66	64.2	10	----	56.3	7.9	5	2.9
2042 Maryland St	225	1	0.0	63.9	66	63.9	10	----	56.0	7.9	5	2.9
2044 Maryland St	226	1	0.0	63.8	66	63.8	10	----	55.7	8.1	5	3.1
2054 Maryland St	227	1	0.0	63.3	66	63.3	10	----	55.3	8.0	5	3.0
2060 Maryland St	228	1	0.0	62.8	66	62.8	10	----	54.8	8.0	5	3.0
2112 Maryland St	229	1	0.0	62.6	66	62.6	10	----	54.6	8.0	5	3.0
1104 E Harrison St	230	1	0.0	67.3	66	67.3	10	Snd Lvl	59.6	7.7	5	2.7
1108 E Harrison St	231	1	0.0	68.0	66	68.0	10	Snd Lvl	59.9	8.1	5	3.1
2015 Maryland St	232	1	0.0	68.1	66	68.1	10	Snd Lvl	59.2	8.9	5	3.9
2025 Maryland St	233	1	0.0	67.7	66	67.7	10	Snd Lvl	58.5	9.2	5	4.2
2033 Maryland St	234	1	0.0	67.1	66	67.1	10	Snd Lvl	58.2	8.9	5	3.9
2039 Maryland St	235	1	0.0	66.9	66	66.9	10	Snd Lvl	58.2	8.7	5	3.7
2045 Maryland St	236	1	0.0	66.6	66	66.6	10	Snd Lvl	58.0	8.6	5	3.6
2103 Maryland St	237	1	0.0	65.7	66	65.7	10	----	56.9	8.8	5	3.8
2121 Maryland St	238	1	0.0	65.3	66	65.3	10	----	56.6	8.7	5	3.7
2135 Maryland St	239	1	0.0	65.1	66	65.1	10	----	56.4	8.7	5	3.7
2147 Maryland St	240	1	0.0	64.8	66	64.8	10	----	55.9	8.9	5	3.9
2036 Virginia St	241	1	0.0	68.9	66	68.9	10	Snd Lvl	60.3	8.6	5	3.6
2072 Virginia St	243	1	0.0	68.5	66	68.5	10	Snd Lvl	59.2	9.3	5	4.3
2076 Virginia St	244	1	0.0	66.3	66	66.3	10	Snd Lvl	57.5	8.8	5	3.8
2110 Virginia St	245	1	0.0	65.7	66	65.7	10	----	56.8	8.9	5	3.9
2120 Virginia St	246	1	0.0	65.9	66	65.9	10	----	57.2	8.7	5	3.7
2140 Virginia St	247	1	0.0	65.3	66	65.3	10	----	57.3	8.0	5	3.0
2164 Virginia St	248	1	0.0	64.7	66	64.7	10	----	56.1	8.6	5	3.6
2174 Virginia St	249	1	0.0	64.5	66	64.5	10	----	56.0	8.5	5	3.5
2079 Virginia St	250	1	0.0	66.3	66	66.3	10	Snd Lvl	58.8	7.5	5	2.5
2085 Virginia St	251	1	0.0	65.3	66	65.3	10	----	57.4	7.9	5	2.9
2111 Virginia St	252	1	0.0	64.7	66	64.7	10	----	56.9	7.8	5	2.8
2115 Virginia St	253	1	0.0	63.8	66	63.8	10	----	56.2	7.6	5	2.6
2129 Virginia St	254	1	0.0	63.2	66	63.2	10	----	55.6	7.6	5	2.6
2149 Virginia St	255	1	0.0	62.0	66	62.0	10	----	54.8	7.2	5	2.2
2136 Missouri St	256	1	0.0	64.9	66	64.9	10	----	56.8	8.1	5	3.1
2148 Missouri St	257	1	0.0	63.8	66	63.8	10	----	56.2	7.6	5	2.6
1157 E Polk St	260	1	0.0	60.7	66	60.7	10	----	54.2	6.5	5	1.5
1158 E Polk St	261	1	0.0	59.3	66	59.3	10	----	53.5	5.8	5	0.8
1156 E Polk St	262	1	0.0	58.9	66	58.9	10	----	53.7	5.2	5	0.2
2135 Missouri St	263	1	0.0	65.2	66	65.2	10	----	58.2	7.0	5	2.0
2161 Missouri St	264	1	0.0	63.6	66	63.6	10	----	56.6	7.0	5	2.0
2173 Missouri St	265	1	0.0	63.3	66	63.3	10	----	56.4	6.9	5	1.9
1209 E Polk St	266	1	0.0	61.6	66	61.6	10	----	55.2	6.4	5	1.4
1211 E Polk St	267	1	0.0	62.2	66	62.2	10	----	55.6	6.6	5	1.6

1221 E Polk St	268	1	0.0	62.3	66	62.3	10	-----	56.1	6.2	5	1.2
1206 E Polk St	269	1	0.0	59.3	66	59.3	10	-----	53.6	5.7	5	0.7
1210 E Polk St	270	1	0.0	59.1	66	59.1	10	-----	53.7	5.4	5	0.4
1212 E Polk St	271	1	0.0	58.9	66	58.9	10	-----	53.7	5.2	5	0.2
2201 Missouri St	272	1	0.0	58.4	66	58.4	10	-----	51.9	6.5	5	1.5
2221 Missouri St	273	1	0.0	58.5	66	58.5	10	-----	51.9	6.6	5	1.6
1229 E Polk St	274	1	0.0	65.0	66	65.0	10	-----	57.7	7.3	5	2.3
1236 E Polk St	275	1	0.0	62.4	66	62.4	10	-----	55.9	6.5	5	1.5
2236 Carolina St	276	1	0.0	59.7	66	59.7	10	-----	53.0	6.7	5	1.7
2266 Carolina St	277	1	0.0	57.9	66	57.9	10	-----	51.7	6.2	5	1.2
2270 Carolina St	278	1	0.0	56.9	66	56.9	10	-----	51.2	5.7	5	0.7
2282 Carolina St	279	1	0.0	55.7	66	55.7	10	-----	50.6	5.1	5	0.1
2245 Carolina St	280	1	0.0	64.5	66	64.5	10	-----	57.4	7.1	5	2.1
2249 Carolina St	281	1	0.0	63.5	66	63.5	10	-----	56.3	7.2	5	2.2
2265 Carolina St	282	1	0.0	62.3	66	62.3	10	-----	55.6	6.7	5	1.7
2269 Carolina St	283	1	0.0	61.2	66	61.2	10	-----	55.0	6.2	5	1.2
2273 Carolina St	284	1	0.0	60.0	66	60.0	10	-----	54.2	5.8	5	0.8
2289 Carolina St	285	1	0.0	58.3	66	58.3	10	-----	54.2	4.1	5	-0.9
1705 March St	286	1	0.0	64.9	66	64.9	10	-----	57.7	7.2	5	2.2
1735 March St	287	1	0.0	66.5	66	66.5	10	Snd Lvl	58.2	8.3	5	3.3
1775 March St	288	1	0.0	67.3	66	67.3	10	Snd Lvl	58.9	8.4	5	3.4
2408 July St	289	1	0.0	62.5	66	62.5	10	-----	56.3	6.2	5	1.2
2412 July St	290	1	0.0	59.9	66	59.9	10	-----	54.6	5.3	5	0.3
2430 July St	291	1	0.0	61.3	66	61.3	10	-----	58.2	3.1	5	-1.9
2407 July St	292	1	0.0	64.4	66	64.4	10	-----	61.6	2.8	5	-2.2
2425 July St	293	1	0.0	60.0	66	60.0	10	-----	54.0	6.0	5	1.0
2437 July St	294	1	0.0	59.2	66	59.2	10	-----	52.8	6.4	5	1.4
2406 June St	295	1	0.0	64.5	66	64.5	10	-----	60.7	3.8	5	-1.2
2416 June St	296	1	0.0	61.9	66	61.9	10	-----	55.6	6.3	5	1.3
2434 June St	297	1	0.0	59.8	66	59.8	10	-----	53.0	6.8	5	1.8
2446 June St	298	1	0.0	58.3	66	58.3	10	-----	51.7	6.6	5	1.6
2405 June St	299	1	0.0	65.4	66	65.4	10	-----	61.6	3.8	5	-1.2
2425 June St	300	1	0.0	61.4	66	61.4	10	-----	55.1	6.3	5	1.3
2435 June St	301	1	0.0	61.3	66	61.3	10	-----	54.8	6.5	5	1.5
2519 June St	302	1	0.0	60.1	66	60.1	10	-----	53.0	7.1	5	2.1
2502 Dalrymple Dr	303	1	0.0	64.8	66	64.8	10	-----	59.1	5.7	5	0.7
2436 Dalrymple Dr	304	1	0.0	63.7	66	63.7	10	-----	58.3	5.4	5	0.4
2528 Dalrymple Dr	305	1	0.0	62.0	66	62.0	10	-----	57.1	4.9	5	-0.1
1055 E Polk St	306	1	0.0	63.5	66	63.5	10	-----	55.2	8.3	5	3.3
1015-1017 E Polk	307	2	0.0	62.9	66	62.9	10	-----	54.1	8.8	5	3.8
1005 E Polk	308	1	0.0	61.8	66	61.8	10	-----	53.6	8.2	5	3.2

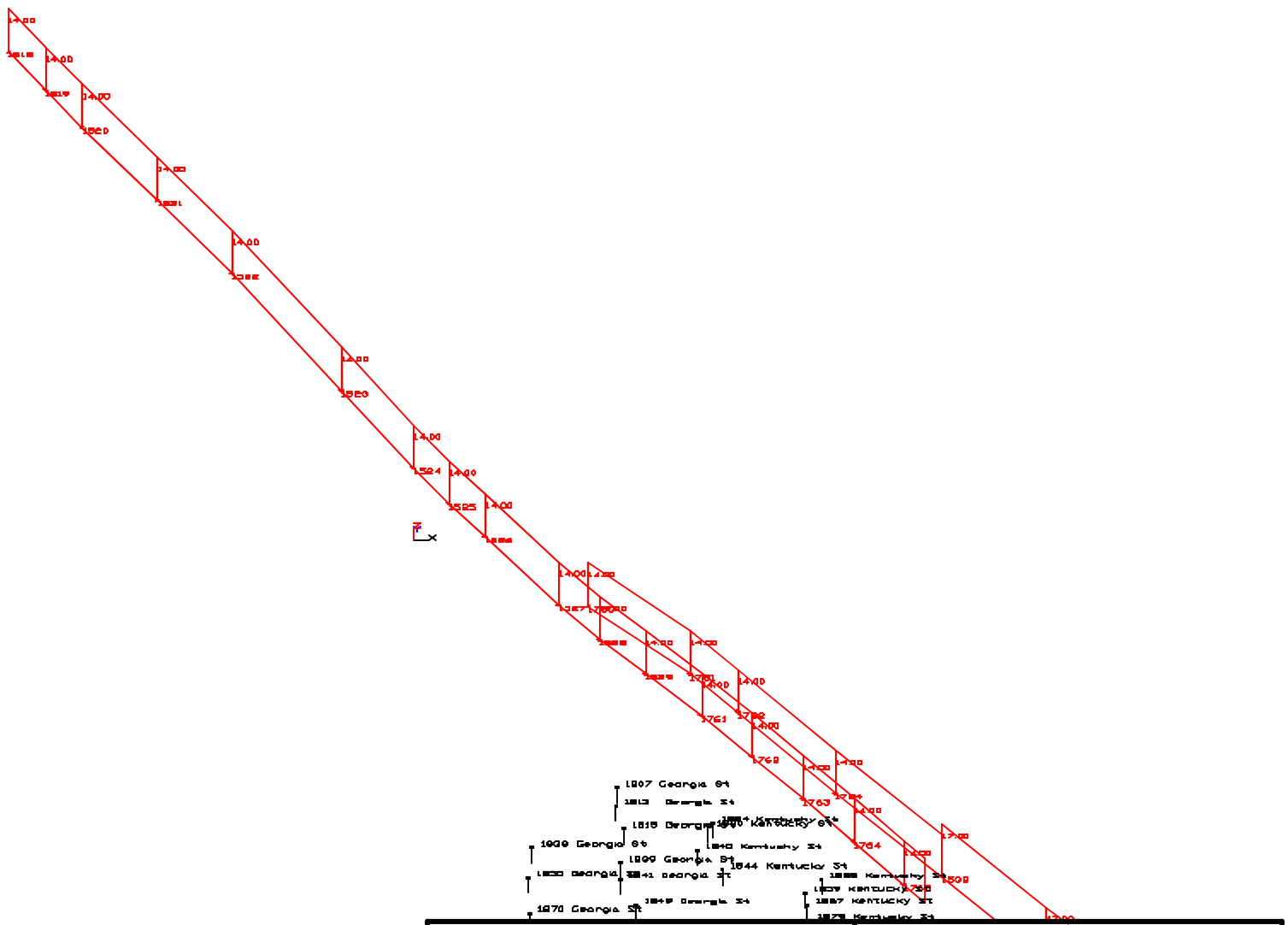
2165 Carolina St - First row	310	1	0.0	74.6	66	74.6	10	Snd Lvl	63.3	11.3	5	6.3

Dwelling Units		# DUs	Noise Reduction		
			Min	Avg	Max
			dB	dB	dB
All Selected		149	2.8	6.9	11.3
All Impacted		29	4.6	8.3	11.3
All that meet NR Goal		138	5.0	7.1	11.3



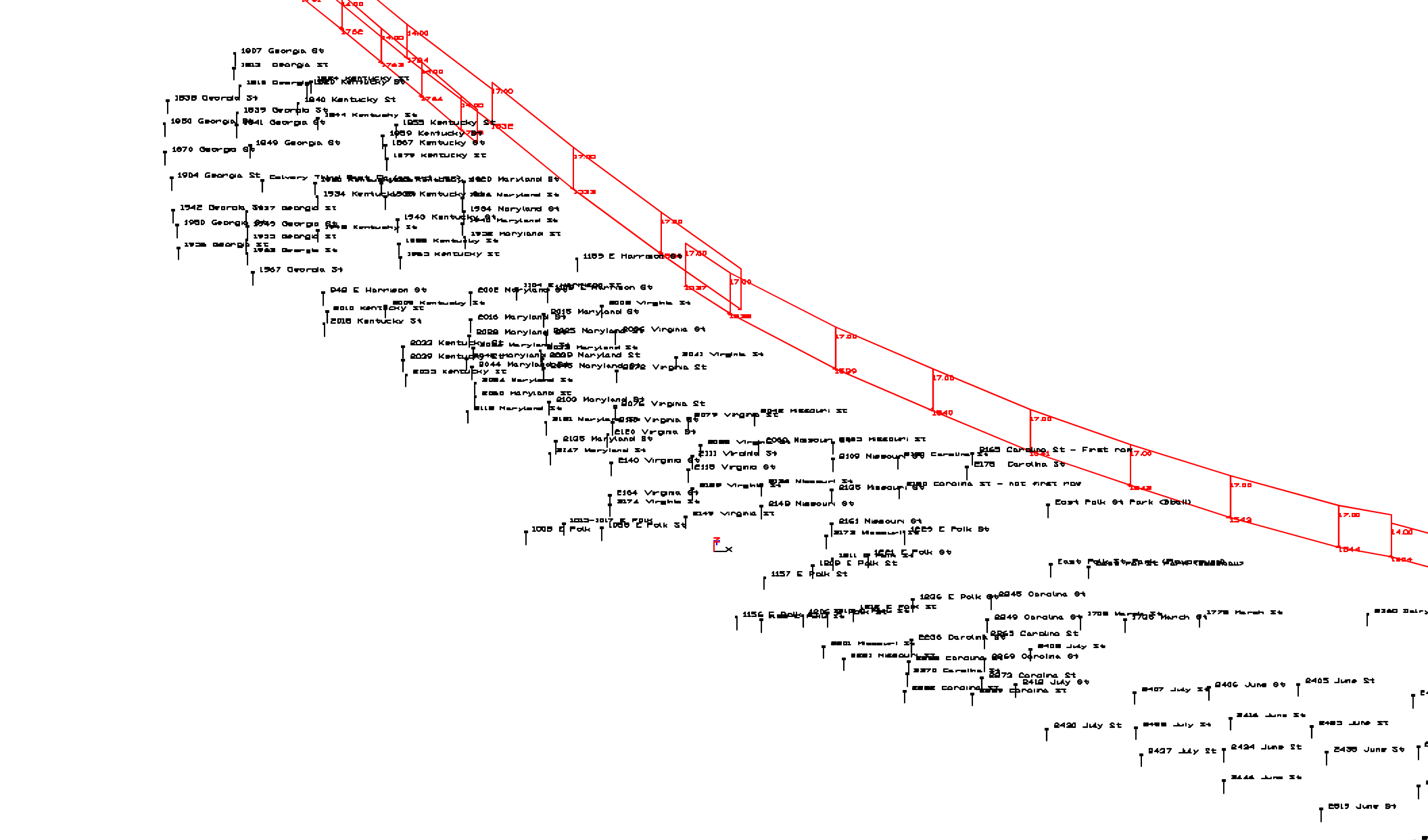
I-10 Washington - Build EB2		Sheet 1 of 1	8 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: EB 2 NR		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

359



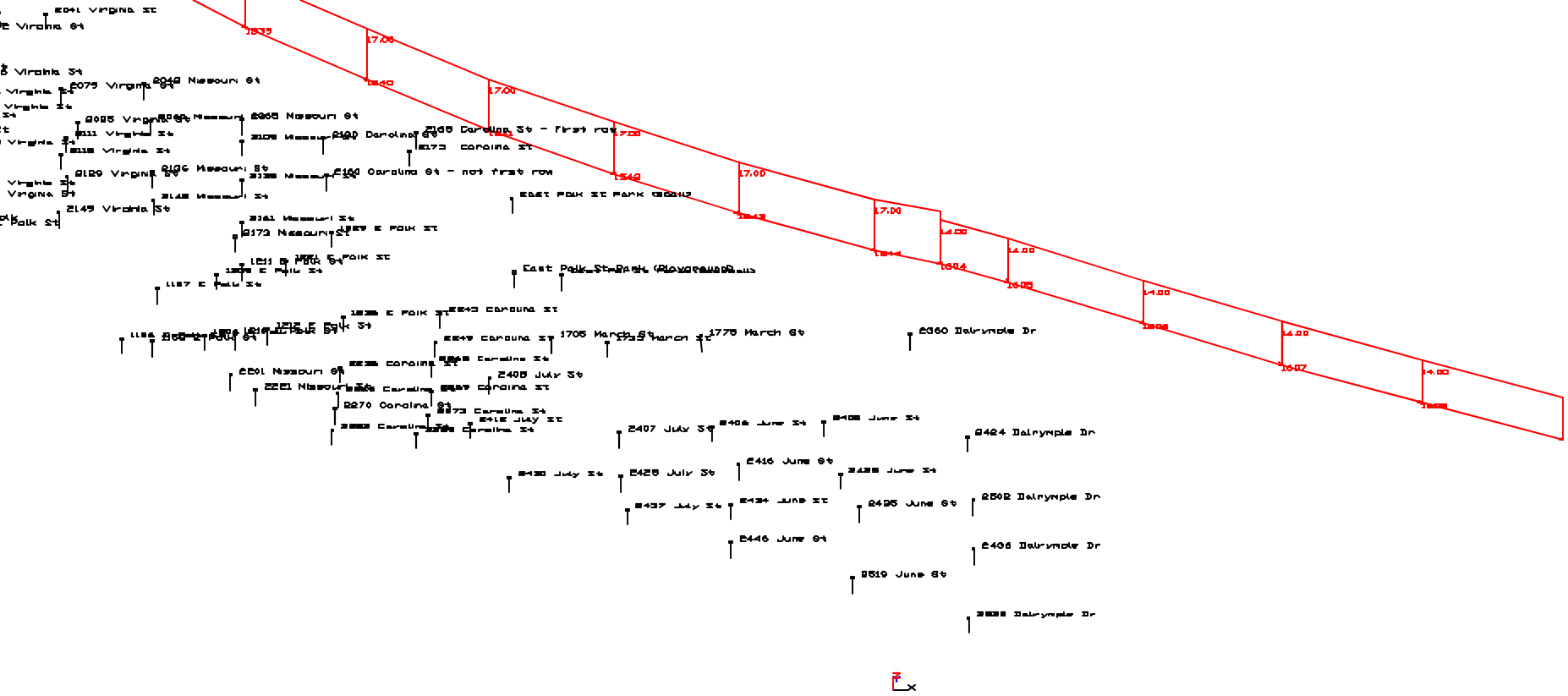
I-10 Washington - Build EB2	Sheet 1 of 1 | 8 Apr 2025
	LADOTD
Barrier View-Max Barriers	Project/Contract No. H.004100.2
Run name: EB 2 NR	TNM Version 2.5, Feb 2004
Scale: <DNA - due to perspective>	Analysis By: JNM

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	



I-10 Washington - Build EB2	Sheet 1 of 1 | 8 Apr 2025
	LADOTD
Barrier View-Max Barriers	Project/Contract No. H.004100.2
Run name: EB 2 NR	TNM Version 2.5, Feb 2004
Scale: <DNA - due to perspective>	Analysis By: JNM

Roadway:	——→	Ground Zone:	polygon
Receiver:	□	Tree Zone:	dashed polygon
Barrier:	⊢——→	Contour Zone:	polygon
Building Row:	—— ——	Parallel Barrier:	═══
Terrain Line:	———	Skew Section:	——→



I-10 Washington - Build EB2		Sheet 1 of 1	8 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: EB 2 NR		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

Appendix H-3

WB2 NSA Barriers - Not Feasible

Feasibility Worksheet			
Project	ID number	Route Location	
	H.004100	I-10: LA 415 to Essen on I-10 and I-12	
Barrier	Location	Length (feet)	Height (feet)
	WB2	11,417	14 & 17
Number of first row receptors (receptors adjacent to barrier):	Number of *first row* receptors that achieve at least a 5dBA reduction in noise with barrier:		% that achieve ≥ 5 dBA reduction:
25	5		20%
Are there any additional feasibility issues to consider?	*Explain:* Some of the barriers are on structure and the rest are adjacent to the roadway, so the barriers are limited to a 14-foot or 17-foot height.		
Based on the above, is the barrier feasible?	Circle Yes or (No)		
	Explain: The barrier did not benefit at least 75% of the impacted 1st row receptors.		

WB2 NSA Not Feasible

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1205 Fig St	1	B	Yes	155	67.7	69.8	60.4	66.8	7.3	3	Yes	No	0	0
2	1134 Pear St	1	B	Yes	126	67.6	70.1	60.7	67.5	6.9	2.6	Yes	No	0	0
3	1120 Pear St	1	B	Yes	107	67.7	70.7	61.1	68.6	6.6	2.1	Yes	No	0	0
4	1185 Pear St	1	B	Yes	112	68.9	71.3	62.1	68.7	6.8	2.6	Yes	No	0	0
5	Mckinley Middle Classroom Ext (West)	1	D	Yes	137	42.8	48.1	35.6	46.9	7.2	1.2	No	No	0	0
6	McKinley Middle Classroom Ext (North)	1	D	Yes	179	39.7	46.1	33.1	45.3	6.6	0.8	No	No	0	0
7	1103 Louise St	1	B	Yes	30	66.8	74.2	63.7	73.7	3.1	0.5	Yes	No	0	0
8	1117 Louise St - GONE	0													
9	1125 Hickory St	1	B	Yes	138	68	70.3	61.3	67.7	6.7	2.6	Yes	No	0	0
10	1117 Pecan St	1	B	Yes	71	68.5	72.9	63.3	71.6	5.2	1.3	Yes	No	0	0
11	1120 Swart St - GONE	0													
12	1349 McCalop St - GONE	0													
13	1138 Terrace St	1	B	Yes	48	67.8	74.3	64.7	73.9	3.1	0.4	Yes	No	0	0
14	1123 Terrace St	1	B	Yes	26	67.5	74.3	64.4	73.8	3.1	0.5	Yes	No	0	0
15	1108 Julia St	1	B	Yes	44	69.2	74.7	65.2	73.9	4	0.8	Yes	No	0	0
16	St Francis Xavier Ch (courtyard)	1	C	Yes	43	69.1	74.7	64.6	73.8	4.5	0.9	Yes	No	0	0
17	St Francis Xavier Ch (West)	1	D	Yes	48	44.7	51.1	39.9	50.4	4.8	0.7	Yes	No	0	0
18	1107 Myrtle St	1	B	Yes	86	68.5	71.8	62.4	70.0	6.1	1.8	Yes	No	0	0
19	927 S 11th St	1	B	Yes	50	68.5	72.9	62.2	71.5	6.3	1.4	Yes	No	0	0
20	1118 South St	1	B	Yes	112	67.6	70.6	61	68.6	6.6	2	Yes	No	0	0
21	1073 South St	1	B	Yes	19	69.3	78	62.5	77.6	6.8	0.4	Yes	No	0	0
22	846 S 12th St	1	B	Yes	155	68.2	70.1	60.7	66.8	7.5	3.3	Yes	No	0	0
23	824 S 12th St	1	B	Yes	165	67.7	69.8	60.3	66.7	7.4	3.1	Yes	No	0	0
24	810 S 12th St	1	B	Yes	155	67.4	69.6	60.2	66.7	7.2	2.9	Yes	No	0	0
25	1084 Mayflower St	1	B	Yes	53	67.1	72.4	61.4	71.3	5.7	1.1	Yes	No	0	0
26	714 S 12th St	1	B	Yes		66	66	58.4	58.4	7.6	7.6	Yes	Yes	1	0
27	702 S 12th St	1	B	Yes		66.4	66.4	57.8	57.8	8.6	8.6	Yes	Yes	1	1
28	Non-profits Buildings	1	D	Yes		41.2	41.2	32.2	32.2	9	9	No	Yes	1	1
29	1223 E Washington St - GONE	0													
30	1229 E Washington St	1	B	Yes		66.5	66.5	59.2	59.2	7.3	7.3	Yes	Yes	1	0
31	1235 E Washington St	1	B	No		65.7	65.7	58.4	58.4	7.3	7.3	No	Yes	1	0
32	1237 E Washington St	1	B	No		65.6	65.6	58.1	58.1	7.5	7.5	No	Yes	1	0
33	1303 E Washington St	1	B	No		65.2	65.2	57.7	57.7	7.5	7.5	No	Yes	1	0
34	1305 E Washington St - GONE	0													
35	1319 E Washington St	1	B	No		64.4	64.4	56.8	56.8	7.6	7.6	No	Yes	1	0

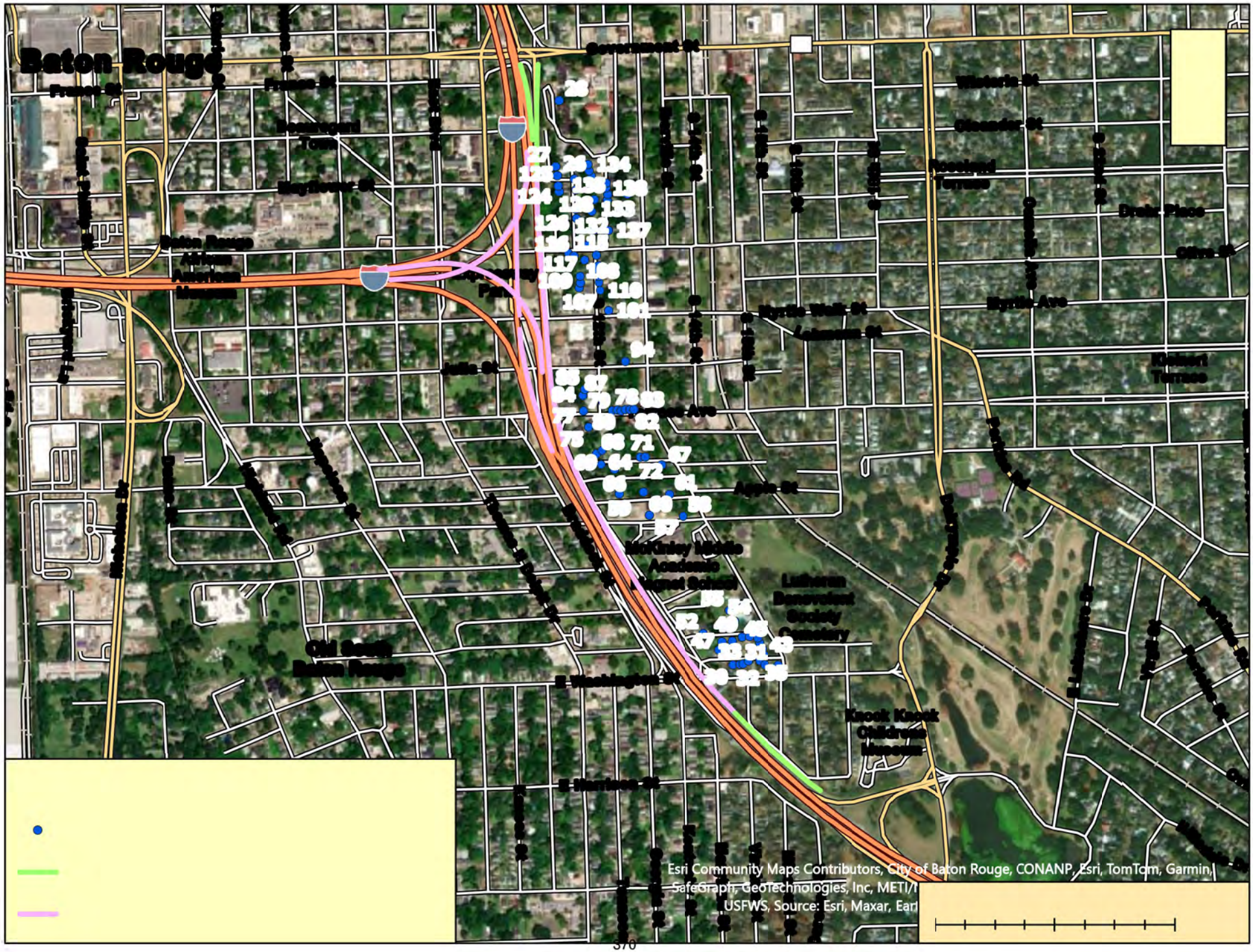
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
36	1321 E Washington St	1	B	No		63.8	63.8	56.4	56.4	7.4	7.4	No	Yes	1	0
37	1325 E Washington St - GONE	0													
38	1327 E Washington St	1	B	No		62.8	62.8	56.1	56.1	6.7	6.7	No	Yes	1	0
39	1211 Fig St	1	B	No		66.3	66.3	59.2	59.2	7.1	7.1	Yes	Yes	1	0
40	1237 Fig St - GONE	0													
41	1249 Fig St - GONE	0													
42	1263 Fig St - GONE	0													
43	1774 Eddie Robinson Sr Dr	1	B	No		64.2	64.2	56.6	56.6	7.6	7.6	No	Yes	1	0
44	1768 Eddie Robinson Sr Dr	1	B	No		64	64	56.6	56.6	7.4	7.4	No	Yes	1	0
45	1762 Eddie Robinson Sr Dr	1	B	No		64.1	64.1	56.4	56.4	7.7	7.7	No	Yes	1	0
46	1740 Eddie Robinson Sr Dr	1	B	No		62.5	62.5	55.2	55.2	7.3	7.3	No	Yes	1	0
47	1258 Pear St	1	B	No		66.5	66.5	58.6	58.6	7.9	7.9	Yes	Yes	1	0
48	1280 Pear St	1	B	No		64.8	64.8	56.9	56.9	7.9	7.9	No	Yes	1	0
49	1338 Pear St (Duplex)	2	B	No		64	64	56.1	56.1	7.9	7.9	No	Yes	2	0
50	1344 Pear St (Duplex)	2	B	No		63.6	63.6	55.8	55.8	7.8	7.8	No	Yes	2	0
51	1173 Pear St	1	B	No	148	66.9	69.7	59.5	67.3	7.4	2.4	Yes	No	0	0
52	1217 Pear St	1	B	No		65.7	65.7	59.2	59.2	6.5	6.5	No	Yes	1	0
53	1225 Pear St - GONE	0													
54	Brooks Park (Pool)	1	C	No		64.3	64.3	56.2	56.2	8.1	8.1	No	Yes	1	1
55	Brooks Park (Playground)	1	C	No		64.6	64.6	56.6	56.6	8	8	No	Yes	1	1
56	1123 Louise St	1	B	No	130	67.5	70.1	61.3	67.7	6.2	2.4	Yes	No	0	0
57	McKnowen MBapt Church (no ext use)	1	D	No		40.4	40.4	34.1	34.1	6.3	6.3	No	Yes	1	0
58	1265 Louise St	1	B	No		61	61	54.5	54.5	6.5	6.5	No	Yes	1	0
59	1137 Hickory St	1	B	No		63	63	57.4	57.4	5.6	5.6	No	Yes	1	0
60	1203 Hickory St	1	B	No		65.4	65.4	58.6	58.6	6.8	6.8	No	Yes	1	0
61	1255 Hickory St	1	B	No		62.1	62.1	57	57.0	5.1	5.1	No	Yes	1	0
62	1129 Pecan St - GONE	0													
63	1128 Swart St - GONE	0													
64	1132 Swart St	1	B	Yes	162	64.7	68.2	60	60.0	4.7	8.2	Yes	Yes	1	1
65	1138 Swart St	1	B	No		64.1	64.1	59.5	59.5	4.6	4.6	No	No	0	0
66	1158 Swart St	1	B	No		64.6	64.6	58.7	58.7	5.9	5.9	No	Yes	1	0
67	1408 Swart St	1	B	No		63.2	63.2	56.4	56.4	6.8	6.8	No	Yes	1	0
68	1145 Swart St	1	B	Yes		67.4	67.4	61.8	61.8	5.6	5.6	Yes	Yes	1	0
69	1163 Swart St	1	B	No		66.9	66.9	61.2	61.2	5.7	5.7	Yes	Yes	1	0
70	1181 Swart St	1	B	No		64.6	64.6	59.2	59.2	5.4	5.4	No	Yes	1	0
71	1249 Swart St	1	B	No		64.9	64.9	58.6	58.6	6.3	6.3	No	Yes	1	0
72	1265 Swart St	1	B	No		63.8	63.8	56.8	56.8	7	7	No	Yes	1	0
73	1150 Terrace St (Apts 1st floor)	2	B	No	104	67.1	70.4	62	68.8	5.1	1.6	Yes	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
74	1150 Terrace St (Apts 2nd floor)	2	B	No	106	70.2	72.2	64.1	69.3	6.1	2.9	Yes	No	0	0
75	New Prospect MBapt Church (no ext)	1	D	No		41.3	41.3	35.8	35.8	5.5	5.5	No	Yes	1	0
76	1125 Terrace St	1	B	No	103	67.4	70.6	62.4	68.8	5	1.8	Yes	No	0	0
77	St Francis Xavier Early Child Dev (playground)	1	C	No		67.4	67.4	62	62.0	5.4	5.4	Yes	Yes	1	0
78	1209 Terrace St	1	B	No		65.3	65.3	59.8	59.8	5.5	5.5	No	Yes	1	0
79	1217 Terrace St	1	B	No		64.9	64.9	59.4	59.4	5.5	5.5	No	Yes	1	0
80	1223 Terrace St	1	B	No		64.7	64.7	59	59.0	5.7	5.7	No	Yes	1	0
81	1225 Terrace St	1	B	No		64.3	64.3	58.4	58.4	5.9	5.9	No	Yes	1	0
82	1233 Terrace St	1	B	No		63.9	63.9	58.1	58.1	5.8	5.8	No	Yes	1	0
83	1235 Terrace St	1	B	No		63.1	63.1	57.6	57.6	5.5	5.5	No	Yes	1	0
84	1232 S 12th St	1	B	No	200	67.5	67.5	62.2	62.3	5.3	5.2	Yes	Yes	1	0
85	1226 S 12th St	1	B	No		67.2	67.2	61.9	61.9	5.3	5.3	Yes	Yes	1	0
86	1245 S 12th St	1	B	No		65.3	65.3	59.9	59.9	5.4	5.4	No	Yes	1	0
87	1237 S 12th St	1	B	No		64.8	64.8	59.6	59.6	5.2	5.2	No	Yes	1	0
88	1112 Julia St	1	B	No		68.1	68.1	63.7	63.7	4.4	4.4	Yes	No	0	0
89	St Francis Xavier Child Care Ctr (playground)	1	C	No		67.5	67.5	62.6	62.6	4.9	4.9	Yes	No	0	0
90	St Francis Xavier Child Care Ctr (ext)	1	D	No		41.2	41.2	36.3	36.3	4.9	4.9	No	No	0	0
91	1208 Julia St	1	B	No		63	63	58.1	58.1	4.9	4.9	No	No	0	0
92	1214 Julia St	1	B	No		62.2	62.2	57.3	57.3	4.9	4.9	No	No	0	0
93	1219 Julia St	1	B	No		61.7	61.7	56.8	56.8	4.9	4.9	No	No	0	0
94	1227 Julia St	1	B	No		61.9	61.9	56.9	56.9	5	5	No	Yes	1	0
95	1202 Myrtle St - GONE	0													
96	1214 Myrtle St	1	B	No		60.7	60.7	56	56.0	4.7	4.7	No	No	0	0
97	1220 Myrtle St	1	B	No		61.3	61.3	56.4	56.4	4.9	4.9	No	No	0	0
98	1222 Myrtle St	1	B	No		61.2	61.2	56.7	56.7	4.5	4.5	No	No	0	0
99	1109 Myrtle St	1	B	No	125	67.1	69.8	61.6	67.7	5.5	2.1	Yes	No	0	0
100	1113 Myrtle St	1	B	No	155	66.3	69	61	66.9	5.3	2.1	Yes	No	0	0
101	1209 Myrtle St	1	B	No		61.9	61.9	56.9	56.9	5	5	No	Yes	1	0
102	1225 Myrtle St	1	B	No		58.3	58.3	53.9	53.9	4.4	4.4	No	No	0	0
103	1227 Myrtle St	1	B	No		59.2	59.2	55	55.0	4.2	4.2	No	No	0	0
104	968 S 12th St	1	B	No		64.2	64.2	59.3	59.3	4.9	4.9	No	No	0	0
105	966 S 12th St	1	B	No		64.1	64.1	59.2	59.2	4.9	4.9	No	No	0	0
106	962 S 12th St	1	B	No		63.2	63.2	58.4	58.4	4.8	4.8	No	No	0	0
107	954 S 12th St	1	B	No		62.3	62.3	57.3	57.3	5	5	No	Yes	1	0
108	946 S 12th St	1	B	No		62.3	62.3	56.5	56.5	5.8	5.8	No	Yes	1	0

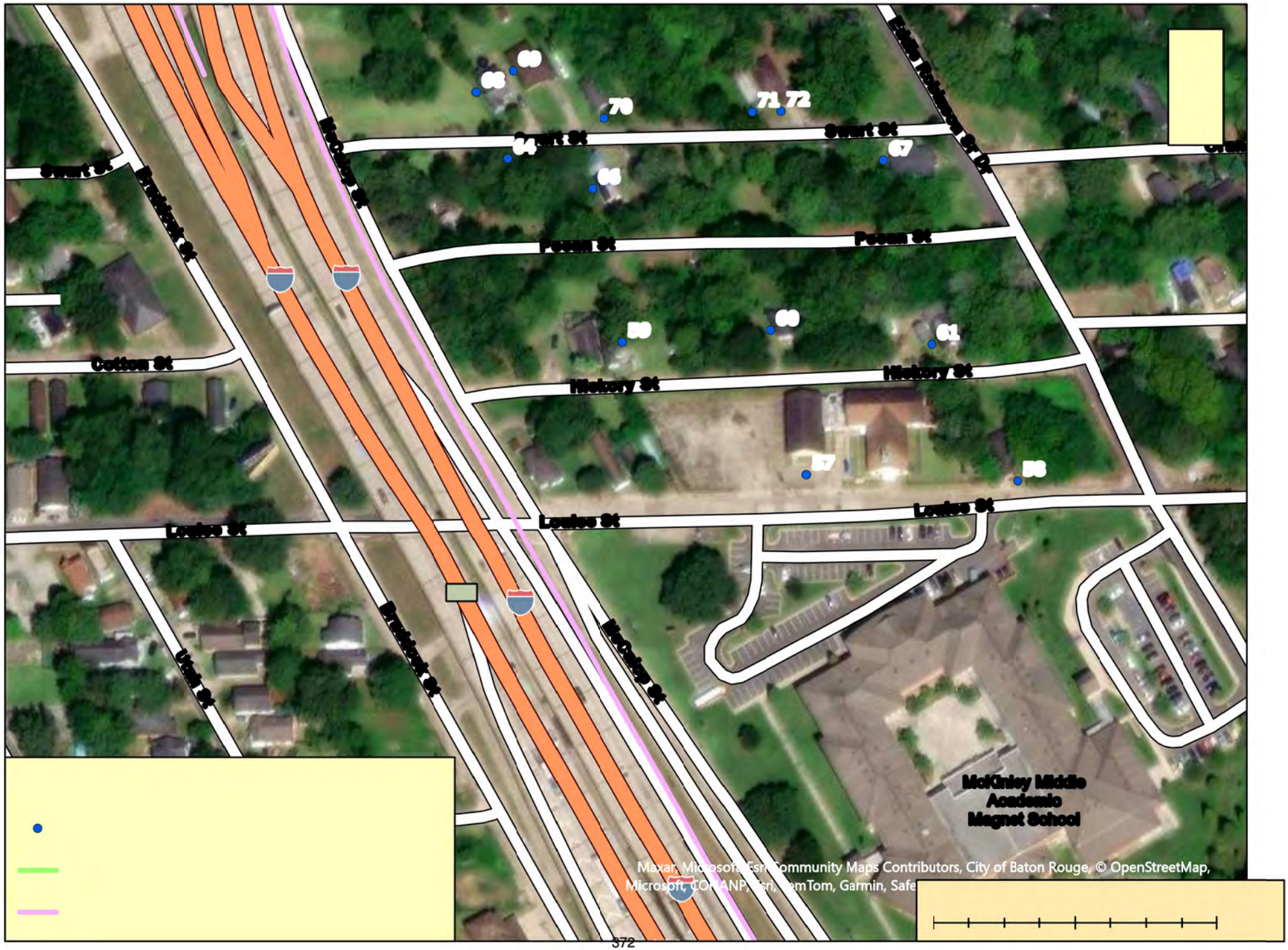
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
109	932 S 12th St	1	B	No		63.8	63.8	56.9	56.9	6.9	6.9	No	Yes	1	0
110	951 S 12th St	1	B	No		63.3	63.3	58.3	58.3	5	5	No	Yes	1	0
111	945 S 12th St	1	B	No		63.2	63.2	57.8	57.8	5.4	5.4	No	Yes	1	0
112	917 S 12th St	1	B	No		63.2	63.2	58	58.0	5.2	5.2	No	Yes	1	0
113	915 S 12th St	1	B	No		63.1	63.1	57.9	57.9	5.2	5.2	No	Yes	1	0
114	911 S 12th St	1	B	No		63.2	63.2	58.2	58.2	5	5	No	Yes	1	0
115	1128 South St	1	B	No		65.9	65.9	59.4	59.4	6.5	6.5	No	Yes	1	0
116	1134 South St	1	B	No		66.1	66.1	59.7	59.7	6.4	6.4	Yes	Yes	1	0
117	1146 South St	1	B	No		64.5	64.5	58.1	58.1	6.4	6.4	No	Yes	1	0
118	1202 South St	1	B	No		63.2	63.2	58.1	58.1	5.1	5.1	No	Yes	1	0
119	1204 South St - GONE	0													
120	1208 South St	1	B	No		59.7	59.7	55.1	55.1	4.6	4.6	No	No	0	0
121	1121 South St	1	B	No		64.7	64.7	58.9	58.9	5.8	5.8	No	Yes	1	0
122	1131 South St	1	B	No		62.3	62.3	57.6	57.6	4.7	4.7	No	No	0	0
123	1211 South St	1	B	No		60.4	60.4	56.3	56.3	4.1	4.1	No	No	0	0
124	804 S 12th St	1	B	No		66.8	66.8	59.2	59.2	7.6	7.6	Yes	Yes	1	0
125	744 S 12th St	1	B	No		66.2	66.2	58.6	58.6	7.6	7.6	Yes	Yes	1	0
126	839 S 12th St	1	B	No		65.1	65.1	59	59.0	6.1	6.1	No	Yes	1	0
127	823 S 12th St	1	B	No		65	65	58.7	58.7	6.3	6.3	No	Yes	1	0
128	763 S 12th St	1	B	No		63.4	63.4	57.4	57.4	6	6	No	Yes	1	0
129	721 S 12th St	1	B	No		63.3	63.3	57.1	57.1	6.2	6.2	No	Yes	1	0
130	703 S 12th St	1	B	No		63.8	63.8	57.2	57.2	6.6	6.6	No	Yes	1	0
131	870 Peach St	1	B	No		62.7	62.7	57.1	57.1	5.6	5.6	No	Yes	1	0
132	842 Peach St	1	B	No		62.5	62.5	57	57.0	5.5	5.5	No	Yes	1	0
133	826 Peach St	1	B	No		62.2	62.2	56.4	56.4	5.8	5.8	No	Yes	1	0
134	712 Peach St	1	B	No		61	61	55.1	55.1	5.9	5.9	No	Yes	1	0
135	706 Peach St	1	B	No		60.7	60.7	54.9	54.9	5.8	5.8	No	Yes	1	0
136	702 Peach St	1	B	No		58.9	58.9	53.1	53.1	5.8	5.8	No	Yes	1	0
137	871 Peach St	1	B	No		59.7	59.7	54.3	54.3	5.4	5.4	No	Yes	1	0
138	833 Peach St	1	B	No		60.8	60.8	55.6	55.6	5.2	5.2	No	Yes	1	0
139	807 Peach St	1	B	No		61.1	61.1	55.7	55.7	5.4	5.4	No	Yes	1	0
140	805 Peach St	1	B	No		61.1	61.1	55.7	55.7	5.4	5.4	No	Yes	1	0
141	803 Peach St	1	B	No		60.8	60.8	55.6	55.6	5.2	5.2	No	Yes	1	0
142	711 Peach St	1	B	No		60.1	60.1	55.2	55.2	4.9	4.9	No	No	0	0
143	701 Peach St	1	B	No		58.9	58.9	54	54.0	4.9	4.9	No	No	0	0
144	860 Eddie Robinson Sr Dr	1	B	No		60.2	60.2	55.6	55.6	4.6	4.6	No	No	0	0
145	850 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	55.5	55.5	4.6	4.6	No	No	0	0
146	848 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	55.4	55.4	4.9	4.9	No	No	0	0
147	844 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	55.5	55.5	4.9	4.9	No	No	0	0

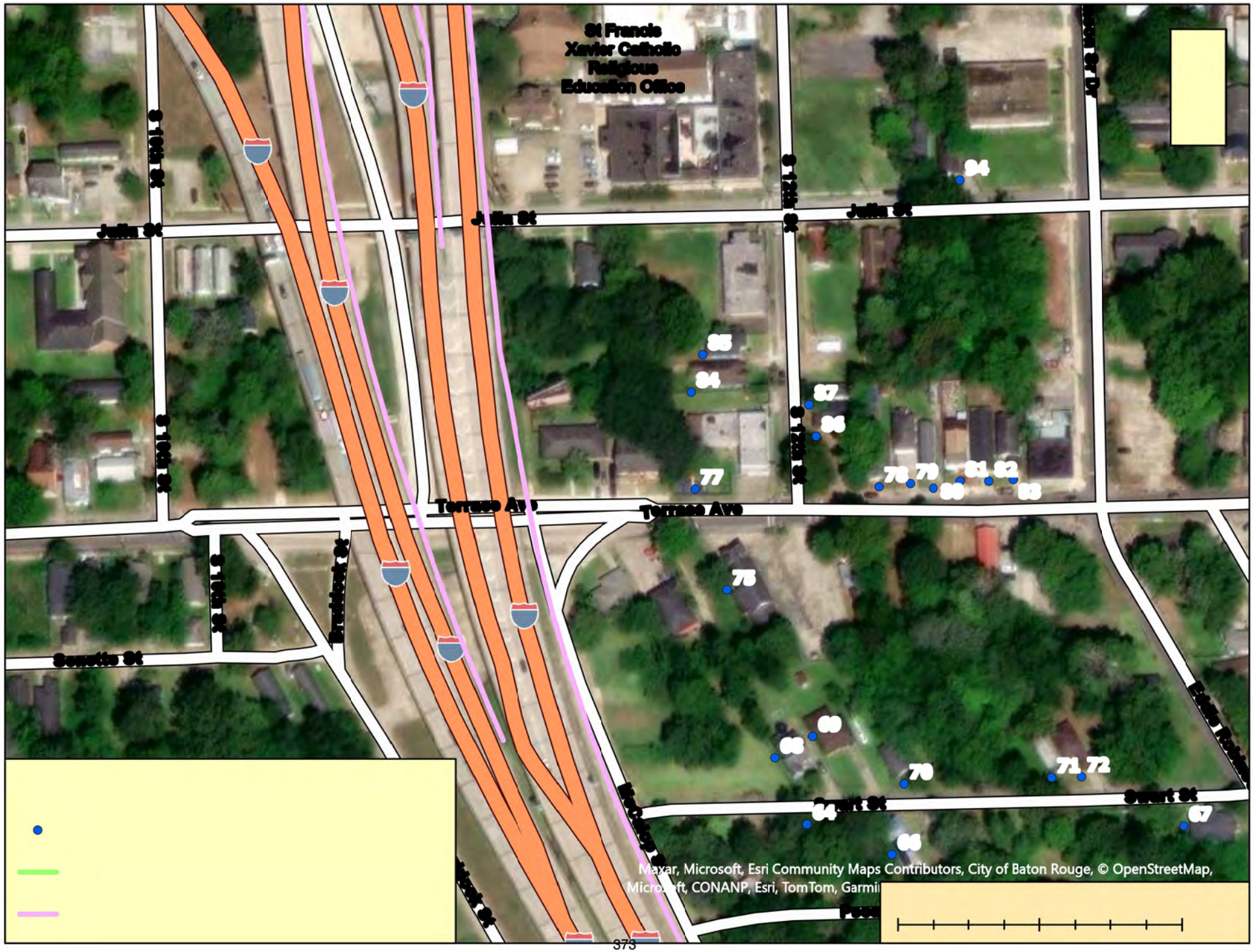
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
148	834 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	55.4	55.4	4.9	4.9	No	No	0	0
149	828 Eddie Robinson Sr Dr - GONE	0													
150	826 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	55.6	55.6	4.8	4.8	No	No	0	0
151	824 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	55.2	55.2	4.9	4.9	No	No	0	0
152	810 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	55.1	55.1	5	5	No	Yes	1	0
153	722 Eddie Robinson Sr Dr	1	B	No		59.9	59.9	55	55.0	4.9	4.9	No	No	0	0
154	714 Eddie Robinson Sr Dr	1	B	No		59.6	59.6	54.8	54.8	4.8	4.8	No	No	0	0
155	706 Eddie Robinson Sr Dr	1	B	No		58.3	58.3	53.7	53.7	4.6	4.6	No	No	0	0
156	702 Eddie Robinson Sr Dr - GONE	0													
157	640 Eddie Robinson Sr Dr	1	B	No		57.8	57.8	53.2	53.2	4.6	4.6	No	No	0	0
158	638 Eddie Robinson Sr Dr	2	B	No		57.8	57.8	53.2	53.2	4.6	4.6	No	No	0	0
159	632 Eddie Robinson Sr Dr - GONE	0													
160	626 Eddie Robinson Sr Dr - GONE	0													
161	614 Eddie Robinson Sr Dr	1	B	No		56.3	56.3	52.3	52.3	4	4	No	No	0	0
162	590 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	47.2	47.2	2.9	2.9	No	No	0	0
163	576 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	46.8	46.8	3.3	3.3	No	No	0	0
164	564 Eddie Robinson Sr Dr	1	B	No		51	51	48.3	48.3	2.7	2.7	No	No	0	0
165	Expressway Park (Football)	1	C	No	40	68.9	74.7	66.1	74.0	2.8	0.7	Yes	No	0	0
166	Expressway Park (BBall)	1	C	No	40	67.9	74.4	66.5	74.1	1.4	0.3	Yes	No	0	0
167	Expressway Park (Picnic Shelter)	1	C	No	45	68.2	74.5	67.9	74.4	0.3	0.1	Yes	No	0	0
168	Expressway Park (playground)	1	C	No	40	67.8	74.4	67.5	74.3	0.3	0.1	Yes	No	0	0
														Total	Total
														83	5

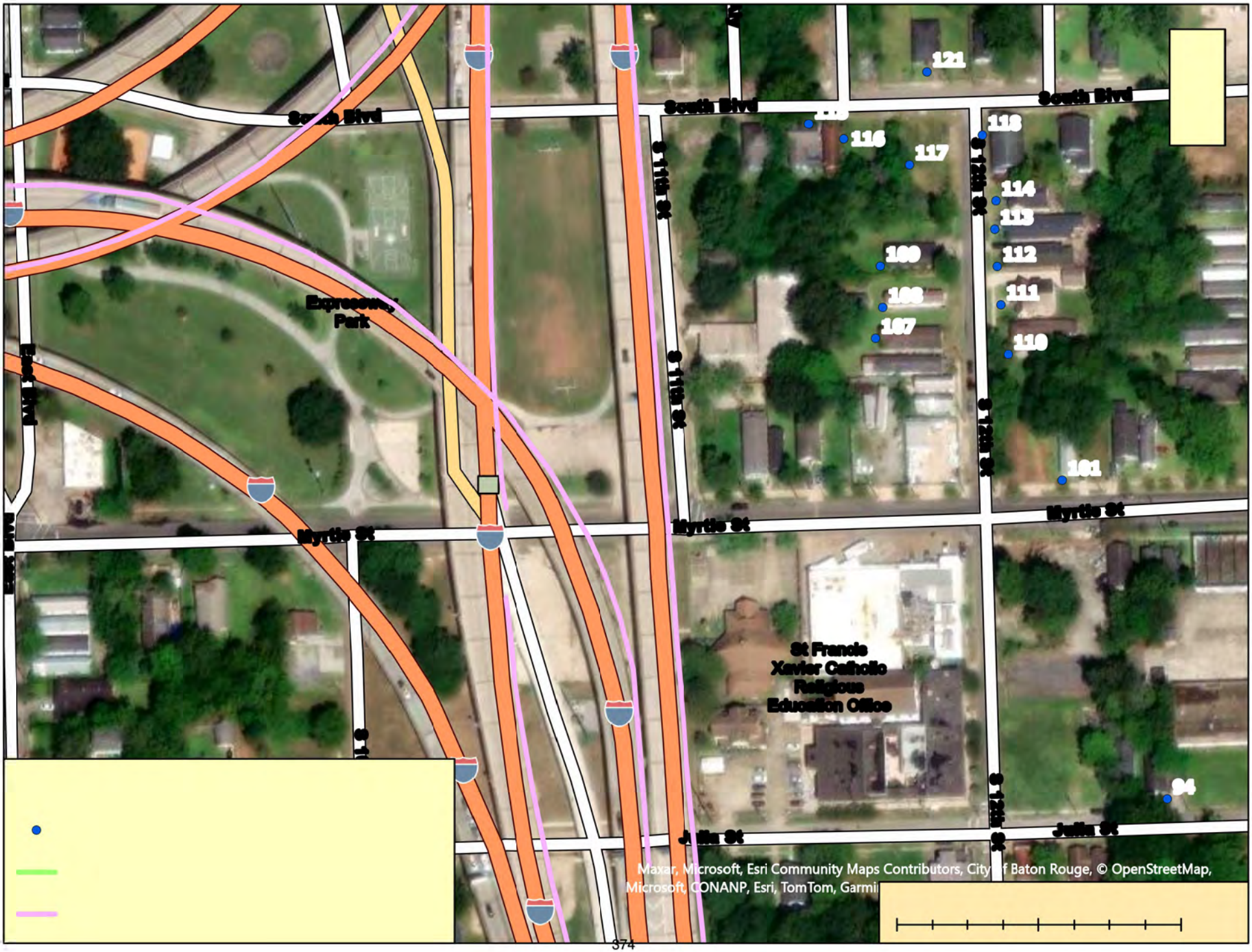
Feasibility	
# of 1st Row Impacted Receptors	25
# of 1st Row Impacted Receptors & Benefitted	5
Feasible?	No (20%)

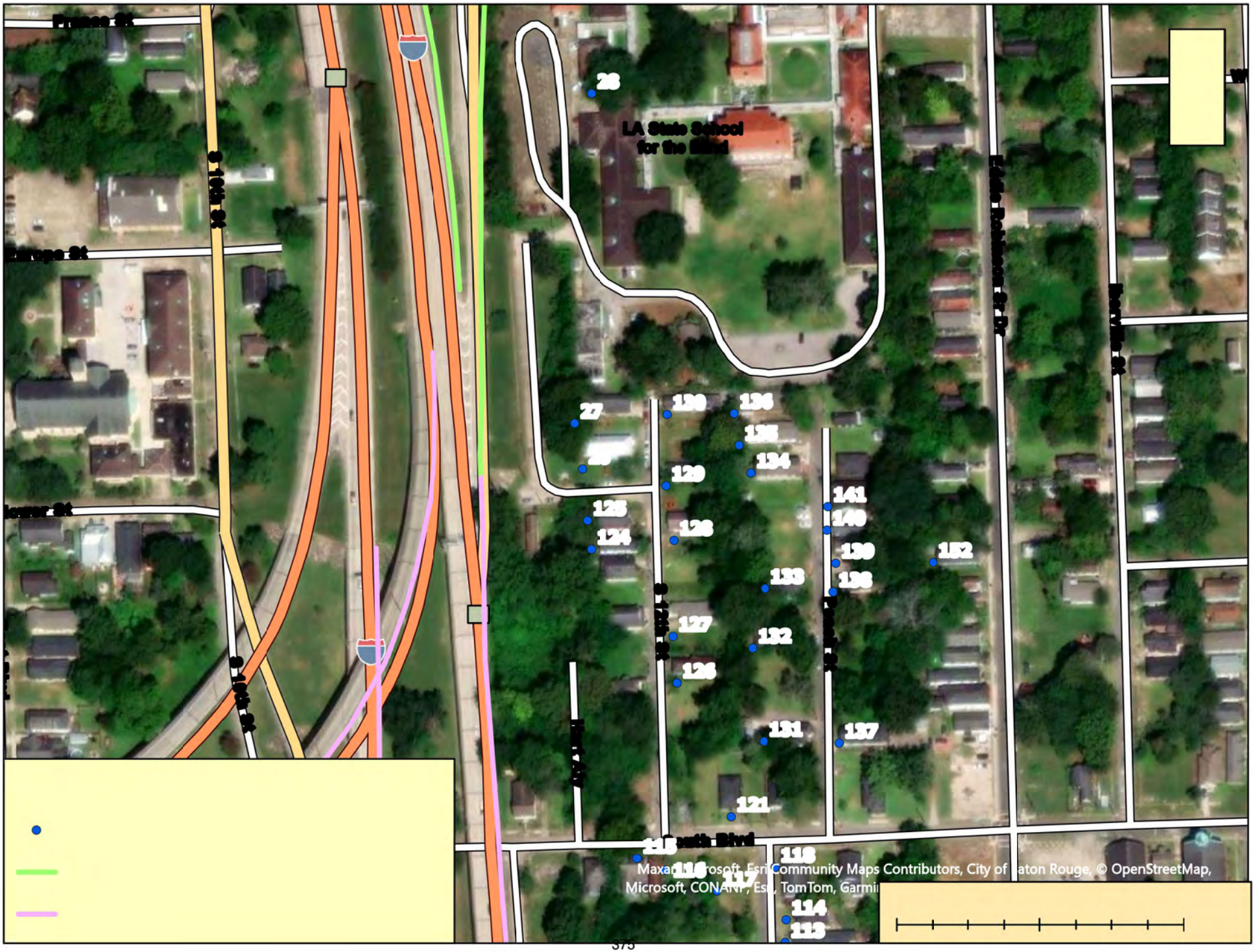

Baton Rouge
Government St
Florida St
Boulevard Town
Highland Rd
Baton Rouge African American Museum
Julia St
Myrtle Walk St
Lobdell St
Myrtle Ave
Kleinert Terrace
Apple St
McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Old South Baton Rouge
E Washington St
E Hamilton St
Knock Knock Children's Museum
Esri Community Maps Contributors, City of Baton Rouge, CONANP, Esri, TomTom, Garmin,
SafeGraph, GeoTechnologies, Inc, METI/
USFWS, Source: Esri, Maxar, Ear


McKinley Middle
Academic
Magnet School
Pear St
Fig St
E Washington St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmi


Swart St
Swart St
Swart St
Swart St
Poem St
Poem St
Hickory St
Hickory St
Cotton St
Louise St
Louise St
Louise St
Louise St
Blackstone St
Blackstone St
Blackstone St
Blackstone St
McKinley Middle Academic Magnet School
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, TOMTOM, Esri, TomTom, Garmin, Safe


St Francis
Xavier Catholic
Religious
Education Office
Julia St
Julia St
Julia St
Julia St
Julia St
Terrace Ave
Terrace Ave
Terrace Ave
Terrace Ave
Stewart St
Stewart St
Stewart St
S 19th St
S 19th St
S 19th St
S 19th St
S 19th St
S 19th St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin


South Blvd
South Blvd
South Blvd
Myrtle St
Myrtle St
Myrtle St
Julia St
Julia St
Expressway Park
St Francis Xavier Catholic Religious Education Office
121
116
117
118
114
113
109
112
108
111
107
110
101
94
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmi


LA State School for the Blind
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin

LADOTD 9 April 2025
JNM TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: H.004100.2
RUN: I-10 Washington - Build WB2
BARRIER DESIGN: Max Barriers
ATMOSPHERICS: 68 deg F, 50% RH

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

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h		Increase over existing		Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
1205 Fig St	148	1	0.0	67.7	66	67.7	10	Snd Lvl	60.4	7.3	5	2.3
1134 Pear St	149	1	0.0	67.6	66	67.6	10	Snd Lvl	60.7	6.9	5	1.9
1120 Pear St	150	1	0.0	67.7	66	67.7	10	Snd Lvl	61.1	6.6	5	1.6
1185 Pear St	151	1	0.0	68.9	66	68.9	10	Snd Lvl	62.1	6.8	5	1.8
Mckinley Middle Classroom Ext (West)	152	1	0.0	67.8	66	67.8	10	Snd Lvl	60.6	7.2	5	2.2
McKinley Middle Classroom Ext (North)	153	1	0.0	64.7	66	64.7	10	----	58.1	6.6	5	1.6
1103 Louise St	154	1	0.0	66.8	66	66.8	10	Snd Lvl	63.7	3.1	5	-1.9
1125 Hickory St	156	1	0.0	68.0	66	68.0	10	Snd Lvl	61.3	6.7	5	1.7
1117 Pecan St	157	1	0.0	68.5	66	68.5	10	Snd Lvl	63.3	5.2	5	0.2
1138 Terrace St	160	1	0.0	67.8	66	67.8	10	Snd Lvl	64.7	3.1	5	-1.9
1123 Terrace St	161	1	0.0	67.5	66	67.5	10	Snd Lvl	64.4	3.1	5	-1.9
1108 Julia St	162	1	0.0	69.2	66	69.2	10	Snd Lvl	65.2	4.0	5	-1.0
St Francis Xavier Ch (courtyard)	163	1	0.0	69.1	66	69.1	10	Snd Lvl	64.6	4.5	5	-0.5
St Francis Xavier Ch (West)	164	1	0.0	69.7	66	69.7	10	Snd Lvl	64.9	4.8	5	-0.2
1107 Myrtle St	165	1	0.0	68.5	66	68.5	10	Snd Lvl	62.4	6.1	5	1.1
927 S 11th St	166	1	0.0	68.5	66	68.5	10	Snd Lvl	62.2	6.3	5	1.3
1118 South St	167	1	0.0	67.6	66	67.6	10	Snd Lvl	61.0	6.6	5	1.6
1073 South St	168	1	0.0	69.3	66	69.3	10	Snd Lvl	62.5	6.8	5	1.8
846 S 12th St	169	1	0.0	68.2	66	68.2	10	Snd Lvl	60.7	7.5	5	2.5
824 S 12th St	170	1	0.0	67.7	66	67.7	10	Snd Lvl	60.3	7.4	5	2.4
810 S 12th St	171	1	0.0	67.4	66	67.4	10	Snd Lvl	60.2	7.2	5	2.2
1084 Mayflower St	172	1	0.0	67.1	66	67.1	10	Snd Lvl	61.4	5.7	5	0.7
714 S 12th St	173	1	0.0	66.0	66	66.0	10	Snd Lvl	58.4	7.6	5	2.6
702 S 12th St	174	1	0.0	66.4	66	66.4	10	Snd Lvl	57.8	8.6	5	3.6

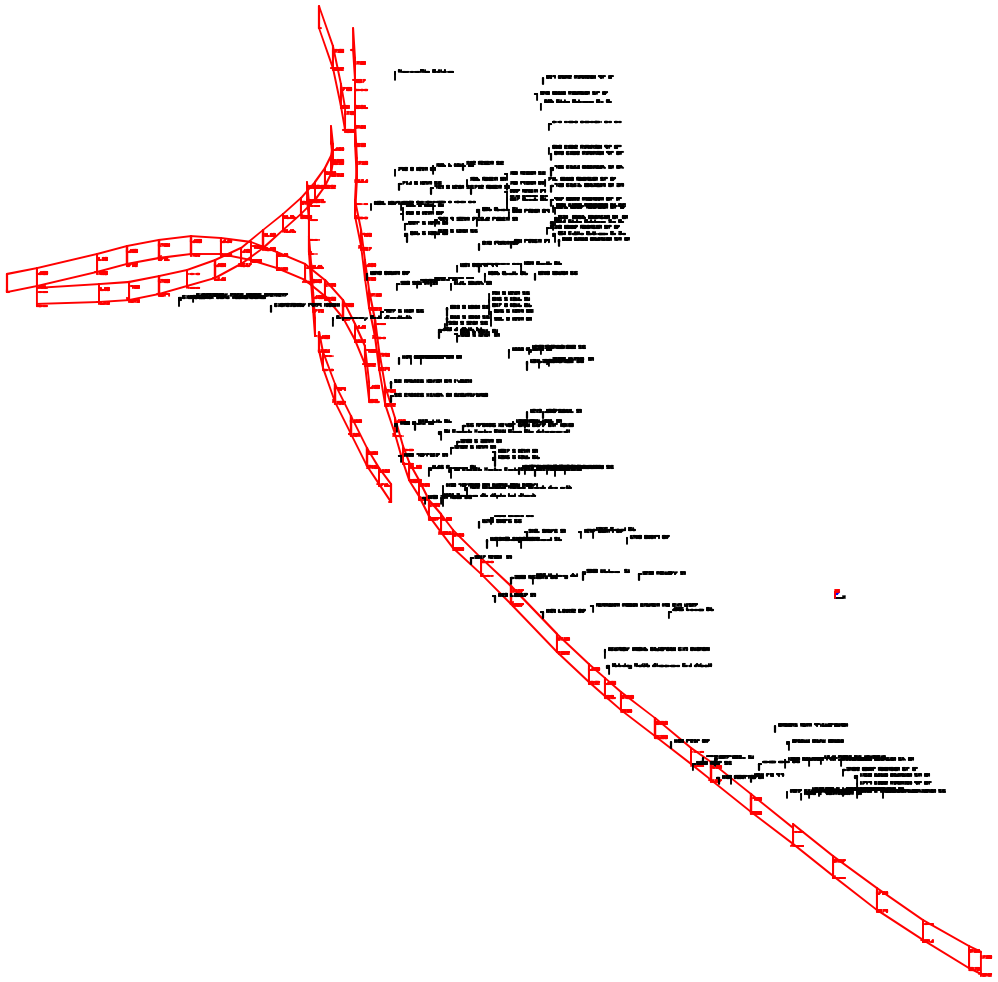
Non-profits Buildings	175	1	0.0	66.2	66	66.2	10	Snd Lvl	57.2	9.0	5	4.0
1229 E Washington St	177	1	0.0	66.5	66	66.5	10	Snd Lvl	59.2	7.3	5	2.3
1235 E Washington St	178	1	0.0	65.7	66	65.7	10	----	58.4	7.3	5	2.3
1237 E Washington St	179	1	0.0	65.6	66	65.6	10	----	58.1	7.5	5	2.5
1303 E Washington St	180	1	0.0	65.2	66	65.2	10	----	57.7	7.5	5	2.5
1319 E Washington St	182	1	0.0	64.4	66	64.4	10	----	56.8	7.6	5	2.6
1321 E Washington St	183	1	0.0	63.8	66	63.8	10	----	56.4	7.4	5	2.4
1327 E Washington St	185	1	0.0	62.8	66	62.8	10	----	56.1	6.7	5	1.7
1211 Fig St	186	1	0.0	66.3	66	66.3	10	Snd Lvl	59.2	7.1	5	2.1
1774 Eddie Robinson Sr Dr	190	1	0.0	64.2	66	64.2	10	----	56.6	7.6	5	2.6
1768 Eddie Robinson Sr Dr	191	1	0.0	64.0	66	64.0	10	----	56.6	7.4	5	2.4
1762 Eddie Robinson Sr Dr	192	1	0.0	64.1	66	64.1	10	----	56.4	7.7	5	2.7
1740 Eddie Robinson Sr Dr	193	1	0.0	62.5	66	62.5	10	----	55.2	7.3	5	2.3
1258 Pear St	194	1	0.0	66.5	66	66.5	10	Snd Lvl	58.6	7.9	5	2.9
1280 Pear St	195	1	0.0	64.8	66	64.8	10	----	56.9	7.9	5	2.9
1338 Pear St (Duplex)	196	2	0.0	64.0	66	64.0	10	----	56.1	7.9	5	2.9
1344 Pear St (Duplex)	197	2	0.0	63.6	66	63.6	10	----	55.8	7.8	5	2.8
1173 Pear St	198	1	0.0	66.9	66	66.9	10	Snd Lvl	59.5	7.4	5	2.4
1217 Pear St	199	1	0.0	65.7	66	65.7	10	----	59.2	6.5	5	1.5
Brooks Park (Pool)	201	1	0.0	64.3	66	64.3	10	----	56.2	8.1	5	3.1
Brooks Park (Playground)	202	1	0.0	64.6	66	64.6	10	----	56.6	8.0	5	3.0
1123 Louise St	203	1	0.0	67.5	66	67.5	10	Snd Lvl	61.3	6.2	5	1.2
McKnowen MBapt Church (no ext use)	204	1	0.0	65.4	66	65.4	10	----	59.1	6.3	5	1.3
1265 Louise St	205	1	0.0	61.0	66	61.0	10	----	54.5	6.5	5	1.5
1137 Hickory St	206	1	0.0	63.0	66	63.0	10	----	57.4	5.6	5	0.6
1203 Hickory St	207	1	0.0	65.4	66	65.4	10	----	58.6	6.8	5	1.8
1255 Hickory St	208	1	0.0	62.1	66	62.1	10	----	57.0	5.1	5	0.1
1132 Swart St	211	1	0.0	64.7	66	64.7	10	----	60.0	4.7	5	-0.3
1138 Swart St	212	1	0.0	64.1	66	64.1	10	----	59.5	4.6	5	-0.4
1158 Swart St	213	1	0.0	64.6	66	64.6	10	----	58.7	5.9	5	0.9
1408 Swart St	214	1	0.0	63.2	66	63.2	10	----	56.4	6.8	5	1.8
1145 Swart St	215	1	0.0	67.4	66	67.4	10	Snd Lvl	61.8	5.6	5	0.6
1163 Swart St	216	1	0.0	66.9	66	66.9	10	Snd Lvl	61.2	5.7	5	0.7
1181 Swart St	217	1	0.0	64.6	66	64.6	10	----	59.2	5.4	5	0.4
1249 Swart St	218	1	0.0	64.9	66	64.9	10	----	58.6	6.3	5	1.3
1265 Swart St	219	1	0.0	63.8	66	63.8	10	----	56.8	7.0	5	2.0
1150 Terrace St (Apts 1st floor)	220	2	0.0	67.1	66	67.1	10	Snd Lvl	62.0	5.1	5	0.1
1150 Terrace St (Apts 2nd floor)	221	2	0.0	70.2	66	70.2	10	Snd Lvl	64.1	6.1	5	1.1
New Prospect MBapt Church (no ext)	222	1	0.0	66.3	66	66.3	10	Snd Lvl	60.8	5.5	5	0.5
1125 Terrace St	223	1	0.0	67.4	66	67.4	10	Snd Lvl	62.4	5.0	5	0.0
St Francis Xavier Early Child Dev (playgrc	224	1	0.0	67.4	66	67.4	10	Snd Lvl	62.0	5.4	5	0.4

1209 Terrace St	225	1	0.0	65.3	66	65.3	10	----	59.8	5.5	5	0.5
1217 Terrace St	226	1	0.0	64.9	66	64.9	10	----	59.4	5.5	5	0.5
1223 Terrace St	227	1	0.0	64.7	66	64.7	10	----	59.0	5.7	5	0.7
1225 Terrace St	228	1	0.0	64.3	66	64.3	10	----	58.4	5.9	5	0.9
1233 Terrace St	229	1	0.0	63.9	66	63.9	10	----	58.1	5.8	5	0.8
1235 Terrace St	230	1	0.0	63.1	66	63.1	10	----	57.6	5.5	5	0.5
1232 S 12th St	231	1	0.0	67.5	66	67.5	10	Snd Lvl	62.2	5.3	5	0.3
1226 S 12th St	232	1	0.0	67.2	66	67.2	10	Snd Lvl	61.9	5.3	5	0.3
1245 S 12th St	233	1	0.0	65.3	66	65.3	10	----	59.9	5.4	5	0.4
1237 S 12th St	234	1	0.0	64.8	66	64.8	10	----	59.6	5.2	5	0.2
1112 Julia St	235	1	0.0	68.1	66	68.1	10	Snd Lvl	63.7	4.4	5	-0.6
St Francis Xavier Child Care Ctr (playgrou	236	1	0.0	67.5	66	67.5	10	Snd Lvl	62.6	4.9	5	-0.1
St Francis Xavier Child Care Ctr (ext)	237	1	0.0	66.2	66	66.2	10	Snd Lvl	61.3	4.9	5	-0.1
1208 Julia St	238	1	0.0	63.0	66	63.0	10	----	58.1	4.9	5	-0.1
1214 Julia St	239	1	0.0	62.2	66	62.2	10	----	57.3	4.9	5	-0.1
1219 Julia St	240	1	0.0	61.7	66	61.7	10	----	56.8	4.9	5	-0.1
1227 Julia St	241	1	0.0	61.9	66	61.9	10	----	56.9	5.0	5	0.0
1214 Myrtle St	243	1	0.0	60.7	66	60.7	10	----	56.0	4.7	5	-0.3
1220 Myrtle St	244	1	0.0	61.3	66	61.3	10	----	56.4	4.9	5	-0.1
1222 Myrtle St	245	1	0.0	61.2	66	61.2	10	----	56.7	4.5	5	-0.5
1109 Myrtle St	246	1	0.0	67.1	66	67.1	10	Snd Lvl	61.6	5.5	5	0.5
1113 Myrtle St	247	1	0.0	66.3	66	66.3	10	Snd Lvl	61.0	5.3	5	0.3
1209 Myrtle St	248	1	0.0	61.9	66	61.9	10	----	56.9	5.0	5	0.0
1225 Myrtle St	249	1	0.0	58.3	66	58.3	10	----	53.9	4.4	5	-0.6
1227 Myrtle St	250	1	0.0	59.2	66	59.2	10	----	55.0	4.2	5	-0.8
968 S 12th St	251	1	0.0	64.2	66	64.2	10	----	59.3	4.9	5	-0.1
966 S 12th St	252	1	0.0	64.1	66	64.1	10	----	59.2	4.9	5	-0.1
962 S 12th St	253	1	0.0	63.2	66	63.2	10	----	58.4	4.8	5	-0.2
954 S 12th St	254	1	0.0	62.3	66	62.3	10	----	57.3	5.0	5	0.0
946 S 12th St	255	1	0.0	62.3	66	62.3	10	----	56.5	5.8	5	0.8
932 S 12th St	256	1	0.0	63.8	66	63.8	10	----	56.9	6.9	5	1.9
951 S 12th St	257	1	0.0	63.3	66	63.3	10	----	58.3	5.0	5	0.0
945 S 12th St	258	1	0.0	63.2	66	63.2	10	----	57.8	5.4	5	0.4
917 S 12th St	259	1	0.0	63.2	66	63.2	10	----	58.0	5.2	5	0.2
915 S 12th St	260	1	0.0	63.1	66	63.1	10	----	57.9	5.2	5	0.2
911 S 12th St	261	1	0.0	63.2	66	63.2	10	----	58.2	5.0	5	0.0
1128 South St	262	1	0.0	65.9	66	65.9	10	----	59.4	6.5	5	1.5
1134 South St	263	1	0.0	66.1	66	66.1	10	Snd Lvl	59.7	6.4	5	1.4
1146 South St	264	1	0.0	64.5	66	64.5	10	----	58.1	6.4	5	1.4
1202 South St	265	1	0.0	63.2	66	63.2	10	----	58.1	5.1	5	0.1
1208 South St	267	1	0.0	59.7	66	59.7	10	----	55.1	4.6	5	-0.4

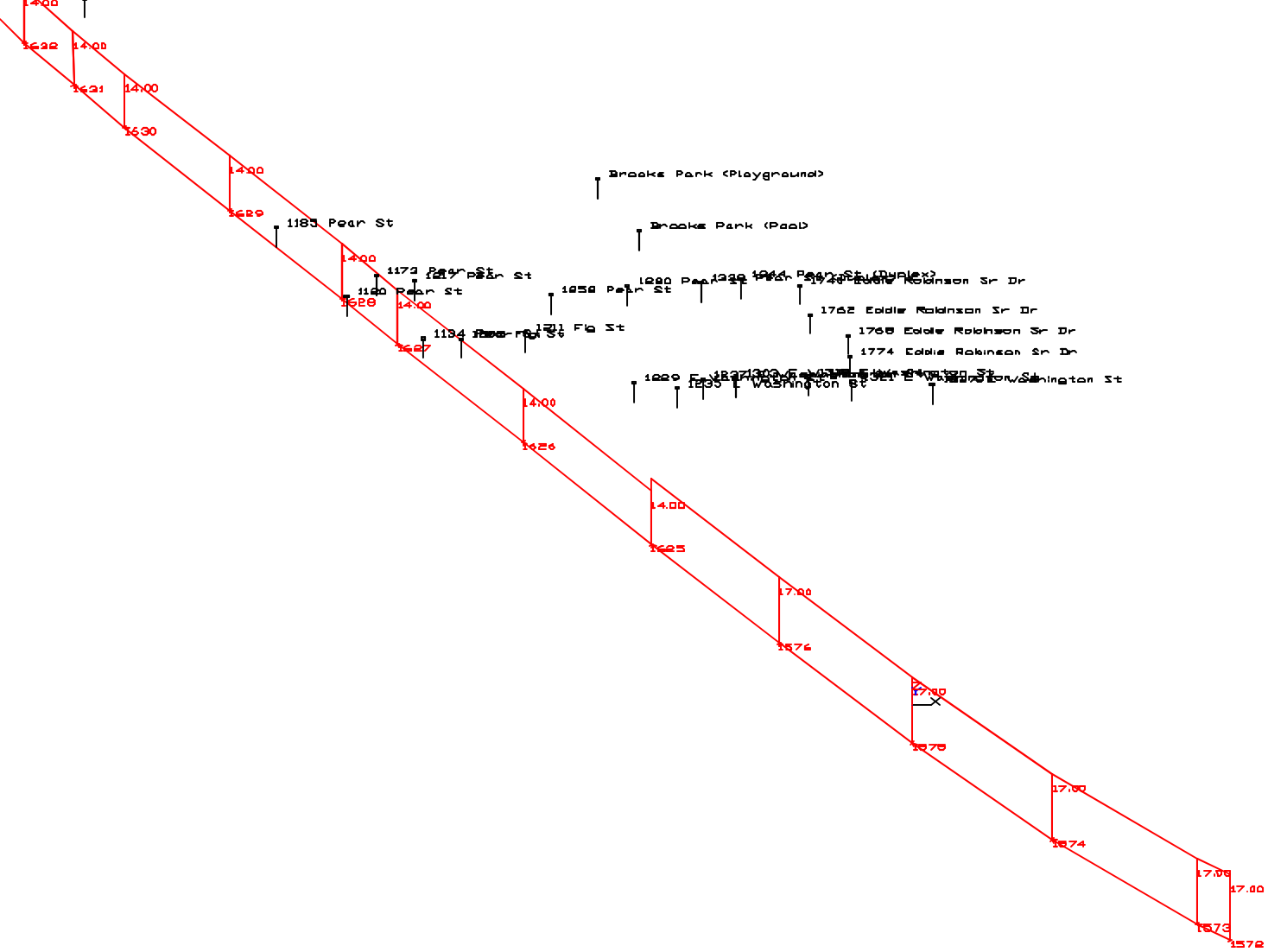
1121 South St	268	1	0.0	64.7	66	64.7	10	-----	58.9	5.8	5	0.8
1131 South St	269	1	0.0	62.3	66	62.3	10	-----	57.6	4.7	5	-0.3
1211 South St	270	1	0.0	60.4	66	60.4	10	-----	56.3	4.1	5	-0.9
804 S 12th St	271	1	0.0	66.8	66	66.8	10	Snd Lvl	59.2	7.6	5	2.6
744 S 12th St	272	1	0.0	66.2	66	66.2	10	Snd Lvl	58.6	7.6	5	2.6
839 S 12th St	273	1	0.0	65.1	66	65.1	10	-----	59.0	6.1	5	1.1
823 S 12th St	274	1	0.0	65.0	66	65.0	10	-----	58.7	6.3	5	1.3
763 S 12th St	275	1	0.0	63.4	66	63.4	10	-----	57.4	6.0	5	1.0
721 S 12th St	276	1	0.0	63.3	66	63.3	10	-----	57.1	6.2	5	1.2
703 S 12th St	277	1	0.0	63.8	66	63.8	10	-----	57.2	6.6	5	1.6
870 Peach St	278	1	0.0	62.7	66	62.7	10	-----	57.1	5.6	5	0.6
842 Peach St	279	1	0.0	62.5	66	62.5	10	-----	57.0	5.5	5	0.5
826 Peach St	280	1	0.0	62.2	66	62.2	10	-----	56.4	5.8	5	0.8
712 Peach St	281	1	0.0	61.0	66	61.0	10	-----	55.1	5.9	5	0.9
706 Peach St	282	1	0.0	60.7	66	60.7	10	-----	54.9	5.8	5	0.8
702 Peach St	283	1	0.0	58.9	66	58.9	10	-----	53.1	5.8	5	0.8
871 Peach St	284	1	0.0	59.7	66	59.7	10	-----	54.3	5.4	5	0.4
833 Peach St	285	1	0.0	60.8	66	60.8	10	-----	55.6	5.2	5	0.2
807 Peach St	286	1	0.0	61.1	66	61.1	10	-----	55.7	5.4	5	0.4
805 Peach St	287	1	0.0	61.1	66	61.1	10	-----	55.7	5.4	5	0.4
803 Peach St	288	1	0.0	60.8	66	60.8	10	-----	55.6	5.2	5	0.2
711 Peach St	289	1	0.0	60.1	66	60.1	10	-----	55.2	4.9	5	-0.1
701 Peach St	290	1	0.0	58.9	66	58.9	10	-----	54.0	4.9	5	-0.1
860 Eddie Robinson Sr Dr	291	1	0.0	60.2	66	60.2	10	-----	55.6	4.6	5	-0.4
850 Eddie Robinson Sr Dr	292	1	0.0	60.1	66	60.1	10	-----	55.5	4.6	5	-0.4
848 Eddie Robinson Sr Dr	293	1	0.0	60.3	66	60.3	10	-----	55.4	4.9	5	-0.1
844 Eddie Robinson Sr Dr	294	1	0.0	60.4	66	60.4	10	-----	55.5	4.9	5	-0.1
834 Eddie Robinson Sr Dr	295	1	0.0	60.3	66	60.3	10	-----	55.4	4.9	5	-0.1
826 Eddie Robinson Sr Dr	297	1	0.0	60.4	66	60.4	10	-----	55.6	4.8	5	-0.2
824 Eddie Robinson Sr Dr	298	1	0.0	60.1	66	60.1	10	-----	55.2	4.9	5	-0.1
810 Eddie Robinson Sr Dr	299	1	0.0	60.1	66	60.1	10	-----	55.1	5.0	5	0.0
722 Eddie Robinson Sr Dr	300	1	0.0	59.9	66	59.9	10	-----	55.0	4.9	5	-0.1
714 Eddie Robinson Sr Dr	301	1	0.0	59.6	66	59.6	10	-----	54.8	4.8	5	-0.2
706 Eddie Robinson Sr Dr	302	1	0.0	58.3	66	58.3	10	-----	53.7	4.6	5	-0.4
640 Eddie Robinson Sr Dr	304	1	0.0	57.8	66	57.8	10	-----	53.2	4.6	5	-0.4
638 Eddie Robinson Sr Dr	305	2	0.0	57.8	66	57.8	10	-----	53.2	4.6	5	-0.4
614 Eddie Robinson Sr Dr	308	1	0.0	56.3	66	56.3	10	-----	52.3	4.0	5	-1.0
590 Eddie Robinson Sr Dr	309	1	0.0	50.1	66	50.1	10	-----	47.2	2.9	5	-2.1
576 Eddie Robinson Sr Dr	310	1	0.0	50.1	66	50.1	10	-----	46.8	3.3	5	-1.7
564 Eddie Robinson Sr Dr	311	1	0.0	51.0	66	51.0	10	-----	48.3	2.7	5	-2.3
Expressway Park (Football)	312	1	0.0	68.9	66	68.9	10	Snd Lvl	66.1	2.8	5	-2.2

Expressway Park (BBall)	313	1	0.0	67.9	66	67.9	10	Snd Lvl	66.5	1.4	5	-3.6
Expressway Park (Picnic Shelter)	314	1	0.0	68.2	66	68.2	10	Snd Lvl	67.9	0.3	5	-4.7
Expressway Park (playground)	316	1	0.0	67.8	66	67.8	10	Snd Lvl	67.5	0.3	5	-4.7

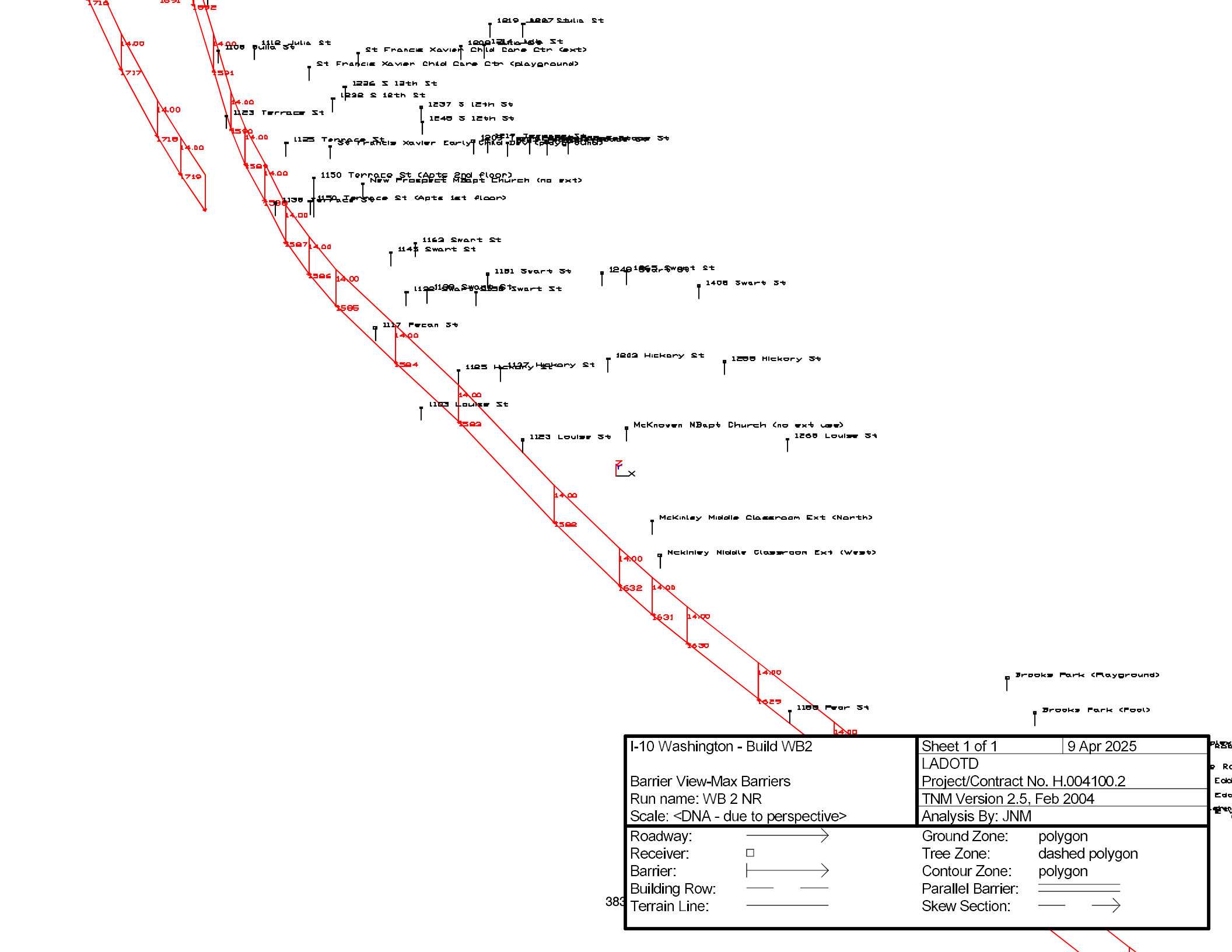
Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	155	0.3	5.6	9.0
All Impacted	52	0.3	5.7	9.0
All that meet NR Goal	107	5.0	6.3	9.0



I-10 Washington - Build WB2		Sheet 1 of 1	9 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: WB 2 NR		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

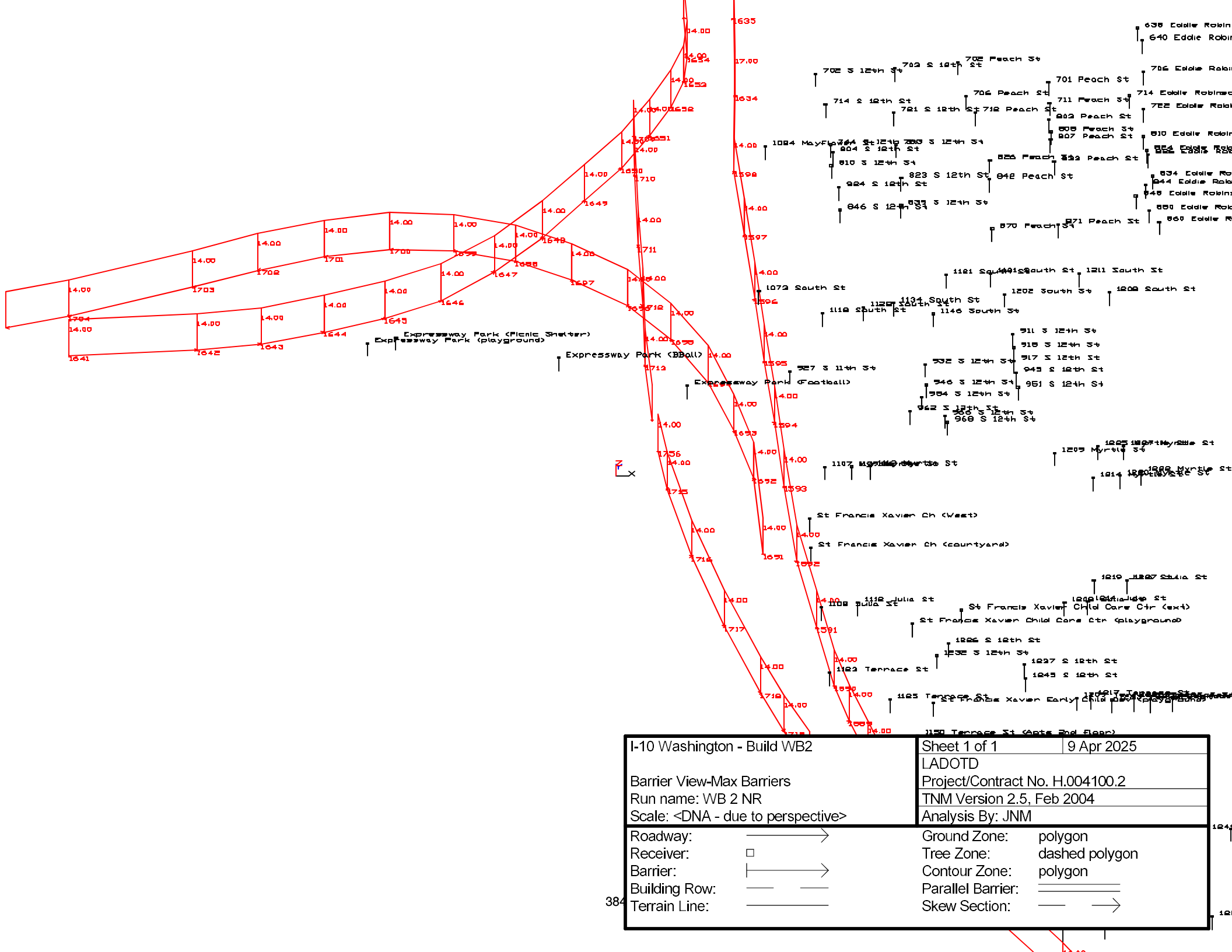


I-10 Washington - Build WB2		Sheet 1 of 1	9 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: WB 2 NR		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	



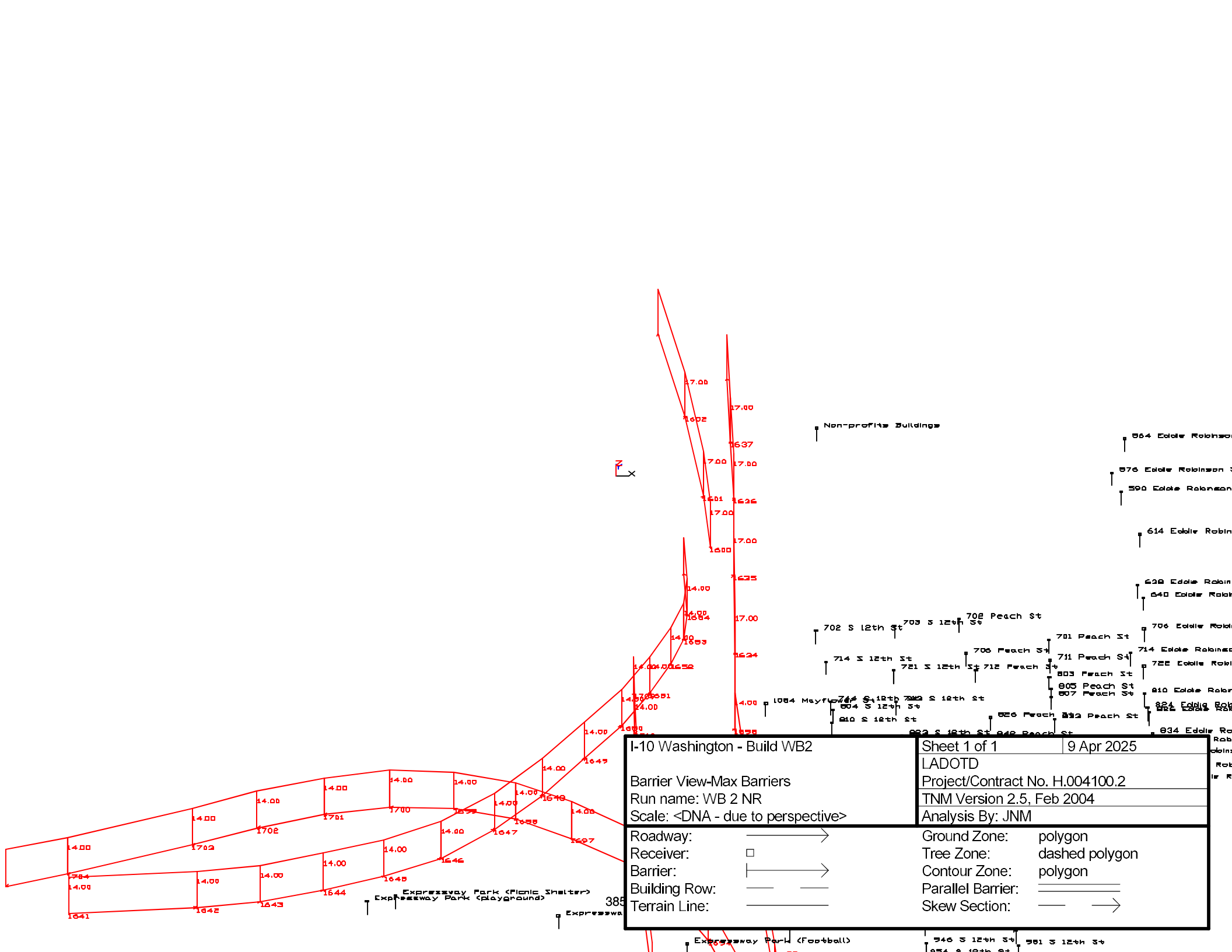
I-10 Washington - Build WB2	Sheet 1 of 1 | 9 Apr 2025
	LADOTD
Barrier View-Max Barriers	Project/Contract No. H.004100.2
Run name: WB 2 NR	TNM Version 2.5, Feb 2004
Scale: <DNA - due to perspective>	Analysis By: JNM

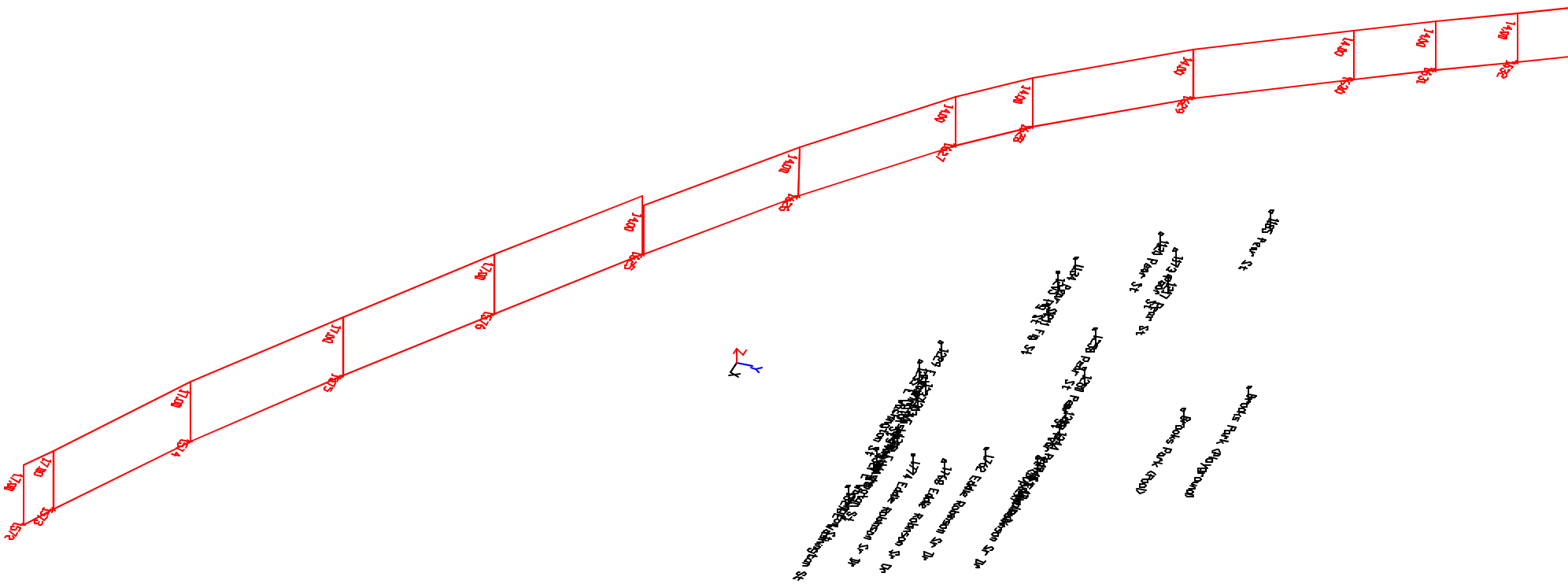
Roadway:	——→	Ground Zone:	polygon
Receiver:	□	Tree Zone:	dashed polygon
Barrier:	⊢——→	Contour Zone:	polygon
Building Row:	—— ——	Parallel Barrier:	═══
Terrain Line:	———	Skew Section:	——→



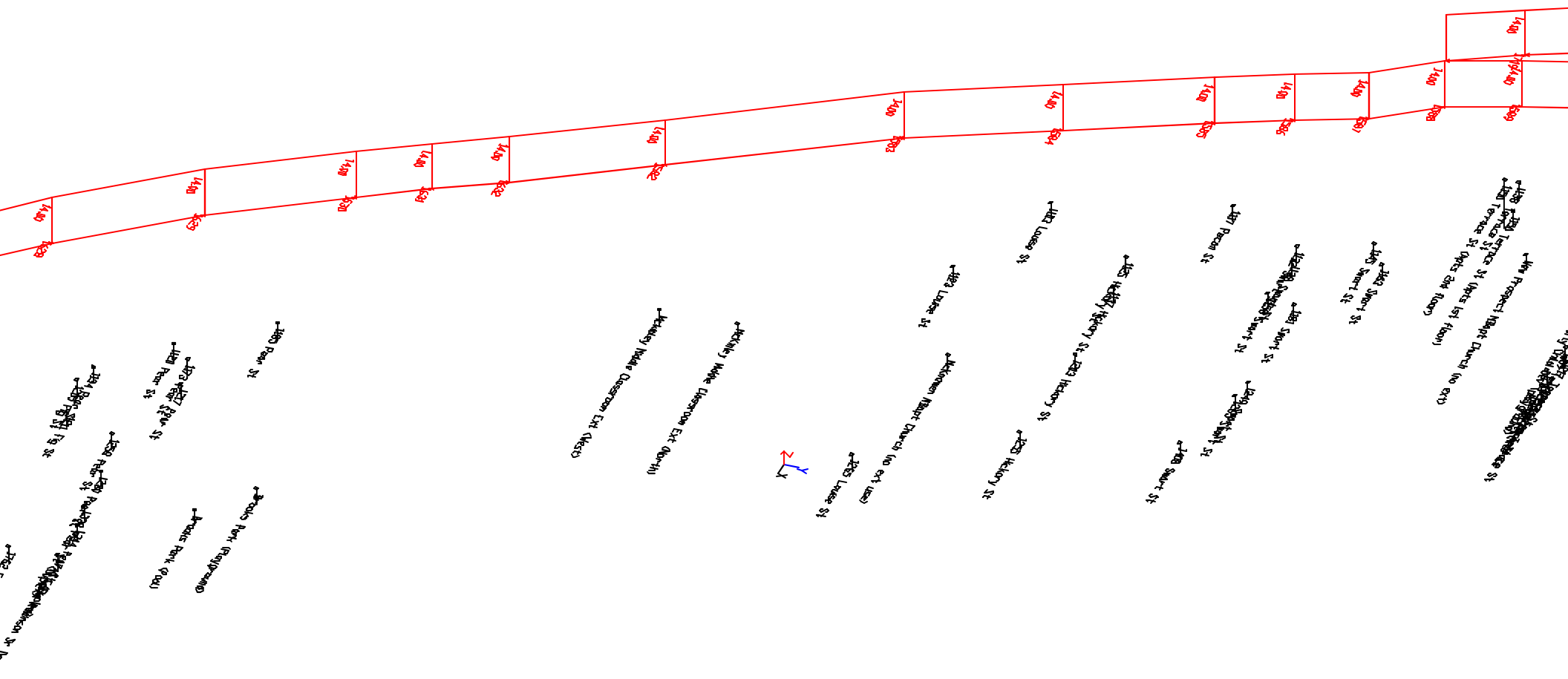
I-10 Washington - Build WB2	Sheet 1 of 1 | 9 Apr 2025
	LADOTD
Barrier View-Max Barriers	Project/Contract No. H.004100.2
Run name: WB 2 NR	TNM Version 2.5, Feb 2004
Scale: <DNA - due to perspective>	Analysis By: JNM

Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

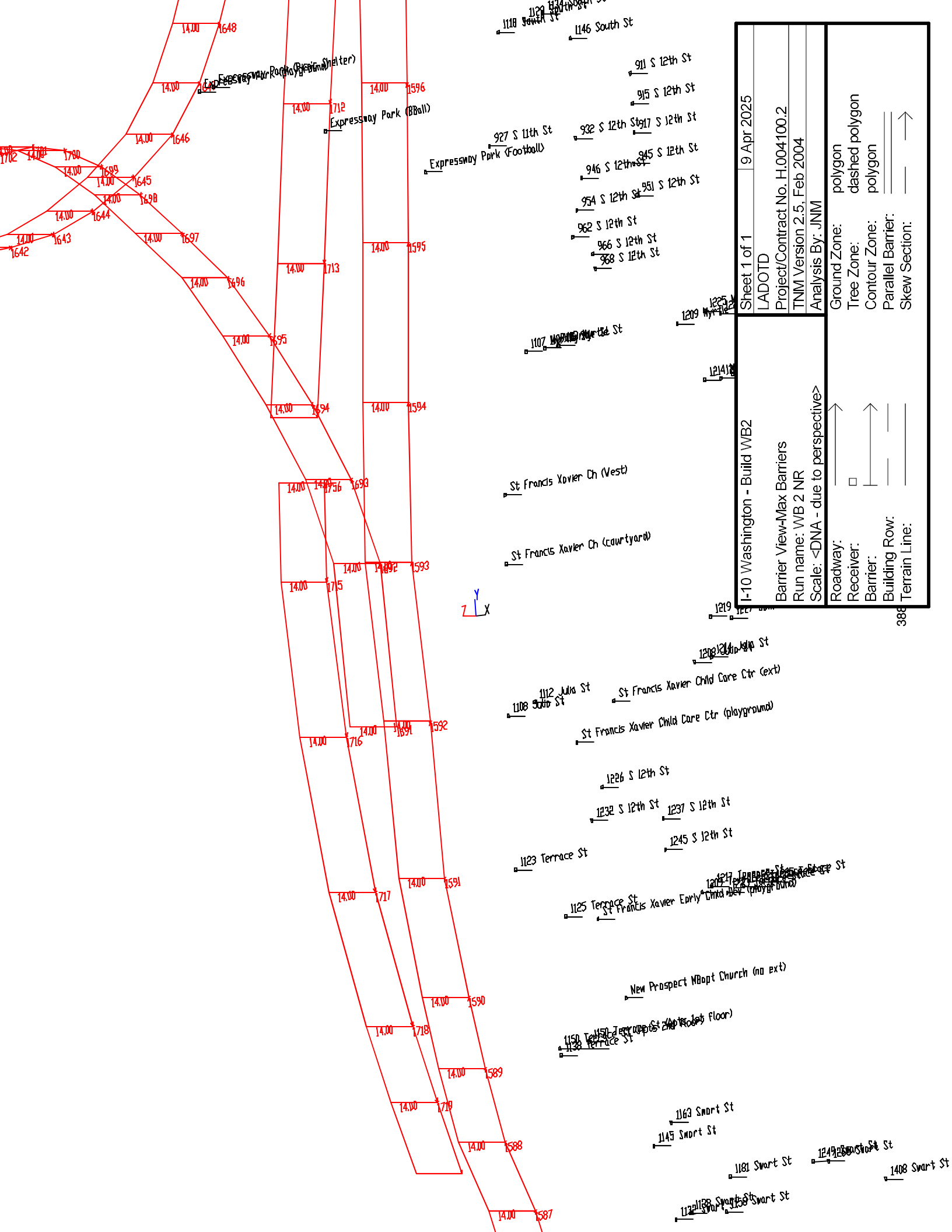

I-10 Washington - Build WB2
Barrier View-Max Barriers
Run name: WB 2 NR
Scale: <DNA - due to perspective>
Sheet 1 of 1
9 Apr 2025
LADOTD
Project/Contract No. H.004100.2
TNM Version 2.5, Feb 2004
Analysis By: JNM
Roadway:
Receiver:
Barrier:
Building Row:
Terrain Line:
Ground Zone: polygon
Tree Zone: dashed polygon
Contour Zone: polygon
Parallel Barrier:
Skew Section:
Non-profits Buildings
Expressway Park (Picnic Shelter)
Expressway Park (playground)
Expressway Park (Football)
702 S 12th St
703 S 12th St
702 Peach St
706 Peach St
701 Peach St
711 Peach St
714 S 12th St
721 S 12th St
712 Peach St
803 Peach St
805 Peach St
807 Peach St
604 S 12th St
610 S 12th St
826 Peach St
832 Peach St
1084 Mayflower St
546 S 12th St
561 S 12th St



I-10 Washington - Build WB2		Sheet 1 of 1	9 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: WB 2 NR		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	



I-10 Washington - Build WB2		Sheet 1 of 1	9 Apr 2025
		LADOTD	
Barrier View-Max Barriers		Project/Contract No. H.004100.2	
Run name: WB 2 NR		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	


Sheet 1 of 1
9 Apr 2025
LADOTD
Project/Contract No. H.004100.2
TNM Version 2.5, Feb 2004
Analysis By: JNM
I-10 Washington - Build WB2
Barrier View-Max Barriers
Run name: WB 2 NR
Scale: <DNA - due to perspective>
Roadway:
Receiver:
Barrier:
Building Row:
Terrain Line:
Ground Zone: polygon
Tree Zone: dashed polygon
Contour Zone: polygon
Parallel Barrier:
Skew Section:
Expressway Park (Shelter)
Expressway Park (BBall)
Expressway Park (Football)
927 S 11th St
911 S 12th St
915 S 12th St
917 S 12th St
932 S 12th St
945 S 12th St
946 S 12th St
951 S 12th St
954 S 12th St
962 S 12th St
966 S 12th St
968 S 12th St
1146 South St
St Francis Xavier Ch (West)
St Francis Xavier Ch (courtyard)
St Francis Xavier Child Care Ctr (ext)
St Francis Xavier Child Care Ctr (playground)
1226 S 12th St
1232 S 12th St
1237 S 12th St
1245 S 12th St
1123 Terrace St
1125 Terrace St
St Francis Xavier Early Child Dev (playground)
New Prospect NBapt Church (no ext)
1163 Smart St
1145 Smart St
1181 Smart St
1408 Smart St
1112 Julia St
1108 Julia St
1648
1647
1646
1645
1644
1643
1642
1700
1699
1698
1697
1696
1695
1694
1693
1692
1691
1716
1715
1717
1718
1719
1712
1713
1596
1595
1594
1593
1592
1591
1590
1589
1588
1587

Sheet 1 of 1
9 Apr 2025
LADOTD
Project/Contract No. H.004100.2
TNM Version 2.5, Feb 2004
Analysis By: JNM
I-10 Washington - Build WB2
Barrier View-Max Barriers
Run name: WB 2 NR
Scale: <DNA - due to perspective>
Roadway:
Receiver:
Barrier:
Building Row:
Terrain Line:
Ground Zone: polygon
Tree Zone: dashed polygon
Contour Zone: polygon
Parallel Barrier:
Skew Section:
640 Eddie Robinson Sr Dr
702 Peach St
701 Peach St
706 Peach St
714 S 12th St
721 S 12th St
712 Peach St
803 Peach St
805 Peach St
807 Peach St
804 S 12th St
810 S 12th St
826 Peach St
833 Peach St
824 S 12th St
842 Peach St
846 S 12th St
839 S 12th St
870 Peach St
871 Peach St
860
1121 South St
1211 South St
1073 South St
1202 South St
1146 South St
911 S 12th St
915 S 12th St
927 S 11th St
932 S 12th St
917 S 12th St
Expressway Park (Football)
946 S 12th St
945 S 12th St
954 S 12th St
951 S 12th St
962 S 12th St
966 S 12th St
968 S 12th St
1209 Myrtle St
1107 Myrtle St
St Francis Xavier Ch (West)
St Francis Xavier Ch (courtyard)
Expressway Park (Basketball)
Expressway Park (Baseball)
Expressway Park (Open Shelter)
17.00
1600
1635
1654
1634
1653
1709
1652
1598
1710
1651
1650
1597
1711
1649
1648
1596
1712
1646
1645
1644
1643
1642
1697
1595
1713
1696
1695
1594
1693
1593
1715

Non-profits Buildings
564 Eddie Robinson
576 Eddie Robinson
590 Eddie Robins
614 Eddie
638 Eddie Robinson
640 Eddie Robinson Sr Dr
702 Peach St
702 S 12th St
703 S 12th St
701 Peach St
706 Eddie Robinson Sr Dr
706 Peach St
714 S 12th St
721 S 12th St
712 Peach St
714 Peach St
714 Eddie Robinson Sr Dr
803 Peach St
722 Eddie Robinson Sr Dr
805 Peach St
807 Peach St
1084 Wayflower St
744 S 12th St
763 S 12th St
804 S 12th St
810 Eddie Robinson Sr Dr
810 S 12th St
826 Peach St
833 Peach St
824 Eddie Robinson Sr Dr
826 Eddie Robinson Sr Dr
823 S 12th St
824 S 12th St
842 Peach St
834 Eddie Robinson Sr Dr
844 Eddie Robinson Sr Dr
848 Eddie Robinson Sr Dr
839 S 12th St
846 S 12th St
850 Eddie Robinson Sr Dr
860 Eddie Robinson Sr Dr
871 Peach St
870 Peach St
1121 South St
1211 South St
1208 South St
17.00
1602
17.00
1637
17.00
17.00
1601
1636
17.00
1600
17.00
1635
14.00
1654
17.00
1634
14.00
1653
14.00
1709
14.00
1652
14.00
1598
14.00
1710
14.00
1651
14.00
1650
14.00
1597
14.00
1711
14.00
1649
Y
Z
X
I-10 Washington - Build WB2
Barrier View-Max Barriers
Run name: WB 2 NR
Scale: <DNA - due to perspective>
Sheet 1 of 1
9 Apr 2025
LADOTD
Project/Contract No. H.004100.2
TNM Version 2.5, Feb 2004
Analysis By: JNM
Roadway:
Receiver:
Barrier:
Building Row:
Terrain Line:
Ground Zone: polygon
Tree Zone: dashed polygon
Contour Zone: polygon
Parallel Barrier:
Skew Section:

Appendix H-4

WB3 NSA Barriers - Not Reasonable

Feasibility Worksheet			
Project	ID number	Route Location	
	H.004100	I-10: LA 415 to Essen on I-10 and I-12	
Barrier	Location	Length (feet)	Height (feet)
	WB3	2,185	14.5 (Avg.)
Number of first row receptors (receptors adjacent to barrier):	Number of *first row* receptors that achieve at least a 5dBA reduction in noise with barrier:		% that achieve ≥ 5 dBA reduction:
7	7		100%
Are there any additional feasibility issues to consider?	*Explain:* Some of the barriers are on structure and the rest are adjacent to the roadway, so the barriers are limited to a 14-foot or 17-foot height.		
Based on the above, is the barrier feasible?	Circle Yes or No		
	Explain: The barrier met the acoustic goal.		

Reasonableness Worksheet DURING DESIGN					
Project	ID number	Route	Parish/City		
	H.004100	I-10	Baton Rouge		
Barrier	Length	Height	Location		
	2,185 ft.	14.5 ft. (Avg.)	WB3		
Criterion 1: Cost					
Total Square Feet of Barrier	Cost/Sq. ft.	Total Cost	Number of Benefited Receptors	Cost per Benefited Receptor	
5,358 & 26,294	$58 & $71	$2,177,638	37	$58,855	
If optional factors apply, what is the added amount?					
Is Cost per Benefited Receptor less than $47,000 + Added Amount?			No		
Criterion 2: Design Goal					
At least an 8dBA reduction at 1 receptor?	Circle: Yes or No *(If no, explain below)*				
	Notes: Receiver 30 (1930 Carolina St.) acheived an 8dBA reduction				
Criterion 3: Desires of Benefited Receptors					
Queried benefited receptors?	Circle: Yes or No *(If no, explain below & skip to bottom question)*				
	Notes:				
Query Results:	Total number of responses	% of responses *for* a barrier	Is % *for* ≥ 50?		
Reasonableness criteria met?	Criterion 1 (yes or no)	Criterion 2 (yes or no)	Criterion 3 (yes or no)	Date	
			Not determined	4/4/2025	

WB3 NSA Not Reasonable

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
1	1421 E Harrison St	1	B	Yes	72.8	66.6	6.2	Yes	Yes	1	0
2	1417 E Harrison St	1	B	Yes	73.7	66.3	7.4	Yes	Yes	1	0
3	1950 Carolina St - GONE	0									
4	1936 Carolina St - GONE	0									
5	1935 Missouri St - GONE	0									
6	1864 Missouri St	1	B	Yes	71.6	64.9	6.67	Yes	Yes	1	0
7	1855 Virginia St - GONE	0									
8	Knock Knock Childrens Museum (picnic)	1	C	No	64.2	60.2	4	No	No	0	0
9	1965 Arkansas St	1	B	No	68.5	62.9	5.6	Yes	Yes	1	0
10	1955 Arkansas St	1	B	No	67.1	61.8	5.3	Yes	Yes	1	0
11	1925 Arkansas St	1	B	No	65	59.9	5.1	No	Yes	1	0
12	1921 Arkansas St	1	B	No	64.1	59.5	4.6	No	No	0	0
13	1915 Arkansas St	1	B	No	63.5	59.2	4.3	No	No	0	0
14	1901 Arkansas St	1	B	No	62.4	58.2	4.2	No	No	0	0
15	1966 Arkansas St	1	B	No	68.7	63.5	5.2	Yes	Yes	1	0
16	1956 Arkansas St	1	B	No	67.6	61.6	6	Yes	Yes	1	0
17	1920 Arkansas St	1	B	No	66	60.5	5.5	Yes	Yes	1	0
18	1854 Arkansas St	1	B	No	62.7	58.2	4.5	No	No	0	0
19	1842 Arkansas St	1	B	No	61.3	57.1	4.2	No	No	0	0
20	1861 Arkansas St	1	B	No	62	57.7	4.3	No	No	0	0
21	1933 Carolina St	1	B	Yes	70.8	63.3	7.5	Yes	Yes	1	0
22	1929 Carolina St	1	B	No	69.3	62.3	7	Yes	Yes	1	0
23	1925 Carolina St	1	B	No	68.4	61.7	6.7	Yes	Yes	1	0
24	1913 Carolina St	1	B	No	67.5	61.2	6.3	Yes	Yes	1	0
25	1873 Carolina St	1	B	No	66.4	60.3	6.1	Yes	Yes	1	0
26	1867 Carolina St	1	B	No	65.7	59.5	6.2	No	Yes	1	0
27	1855 Carolina St	1	B	No	64.4	58.4	6	No	Yes	1	0
28	1843 Carolina St	1	B	No	63.5	57.7	5.8	No	Yes	1	0
29	1819/1831 Carolina St	2	B	No	62	57	5	No	Yes	2	0
30	1930 Carolina St	1	B	Yes	71.4	63.3	8.1	Yes	Yes	1	1
31	1922 Carolina St	1	B	No	70.4	62.6	7.8	Yes	Yes	1	0
32	1918 Carolina St	1	B	No	69.7	62.1	7.6	Yes	Yes	1	0
33	1860 Carolina St	1	B	No	66.7	60.3	6.4	Yes	Yes	1	0

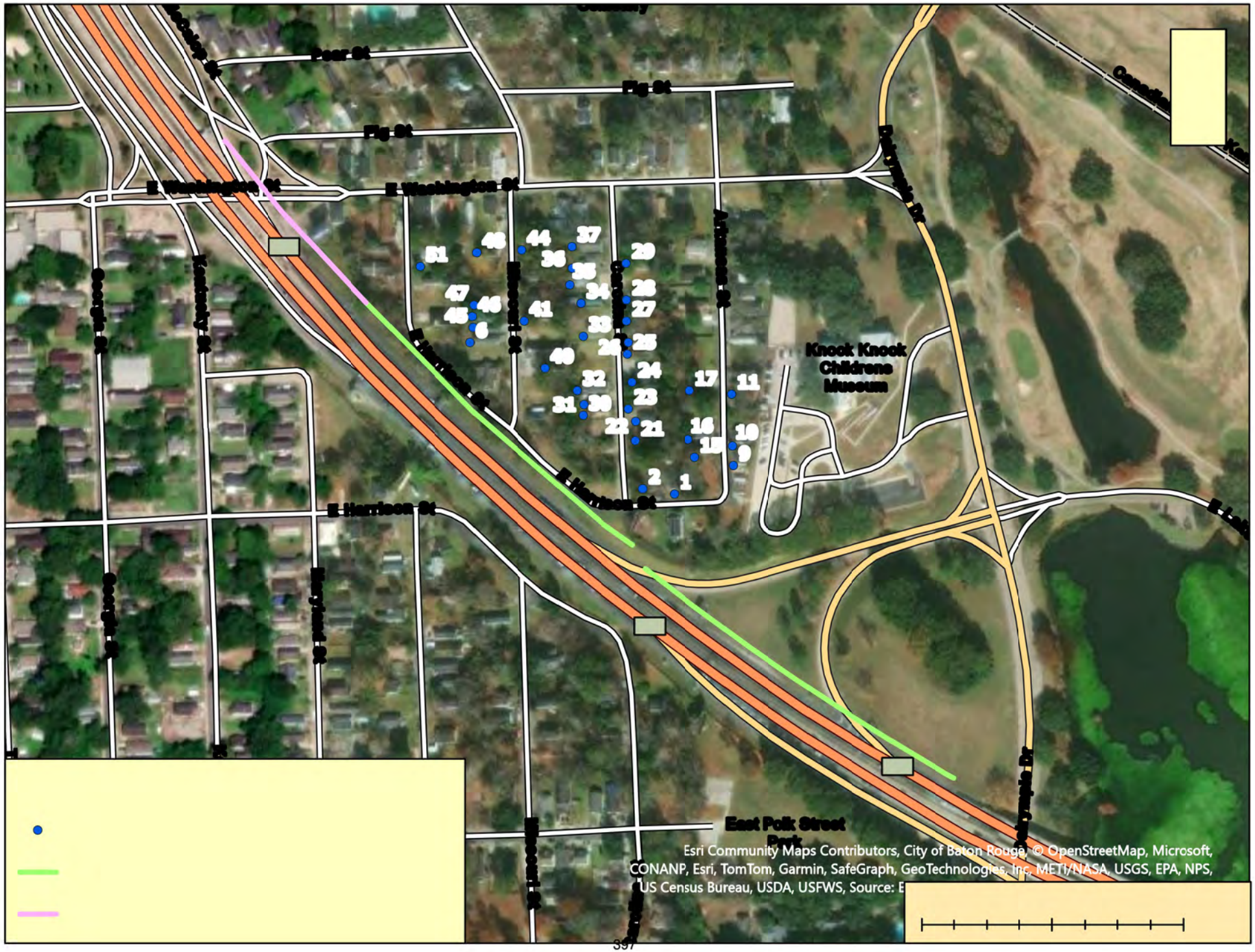
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
34	1844 Carolina St	1	B	No	65.3	58.9	6.4	No	Yes	1	0
35	1840 Carolina St	1	B	No	64.8	58.5	6.3	No	Yes	1	0
36	1828 Carolina St	1	B	No	64.1	58.6	5.5	No	Yes	1	0
37	1822 Carolina St	1	B	No	63.5	58.4	5.1	No	Yes	1	0
38	1430 E Washington St - GONE	0									
39	1428 E Washington St	1	B	No	63.4	58.5	4.9	No	No	0	0
40	Ebenezer Bapt Ch (no ext use)	1	D	Yes	44.7	37.1	7.6	No	Yes	1	0
41	1853 Missouri St	1	B	No	67.8	60.8	7	Yes	Yes	1	0
42	1843 Missouri St - GONE	0									
43	1835 Missouri St - GONE	0									
44	1815/1817 Missouri St	2	B	No	65	59.5	5.5	No	Yes	2	0
45	1860 Missouri St	1	B	No	70.8	63.9	6.9	Yes	Yes	1	0
46	1856 Missouri St	1	B	No	69.7	62.4	7.3	Yes	Yes	1	0
47	1852 Missouri St	1	B	No	69.2	62.7	6.5	Yes	Yes	1	0
48	1824 Missouri St	1	B	No	67.5	61	6.5	Yes	Yes	1	0
49	1326 E Washington St - GONE	0									
50	1835 Virginia St - GONE	0									
51	1821/1823 Virginia St	2	B	Yes	69.6	64	5.6	Yes	Yes	2	0
										Total	Total
										37	1

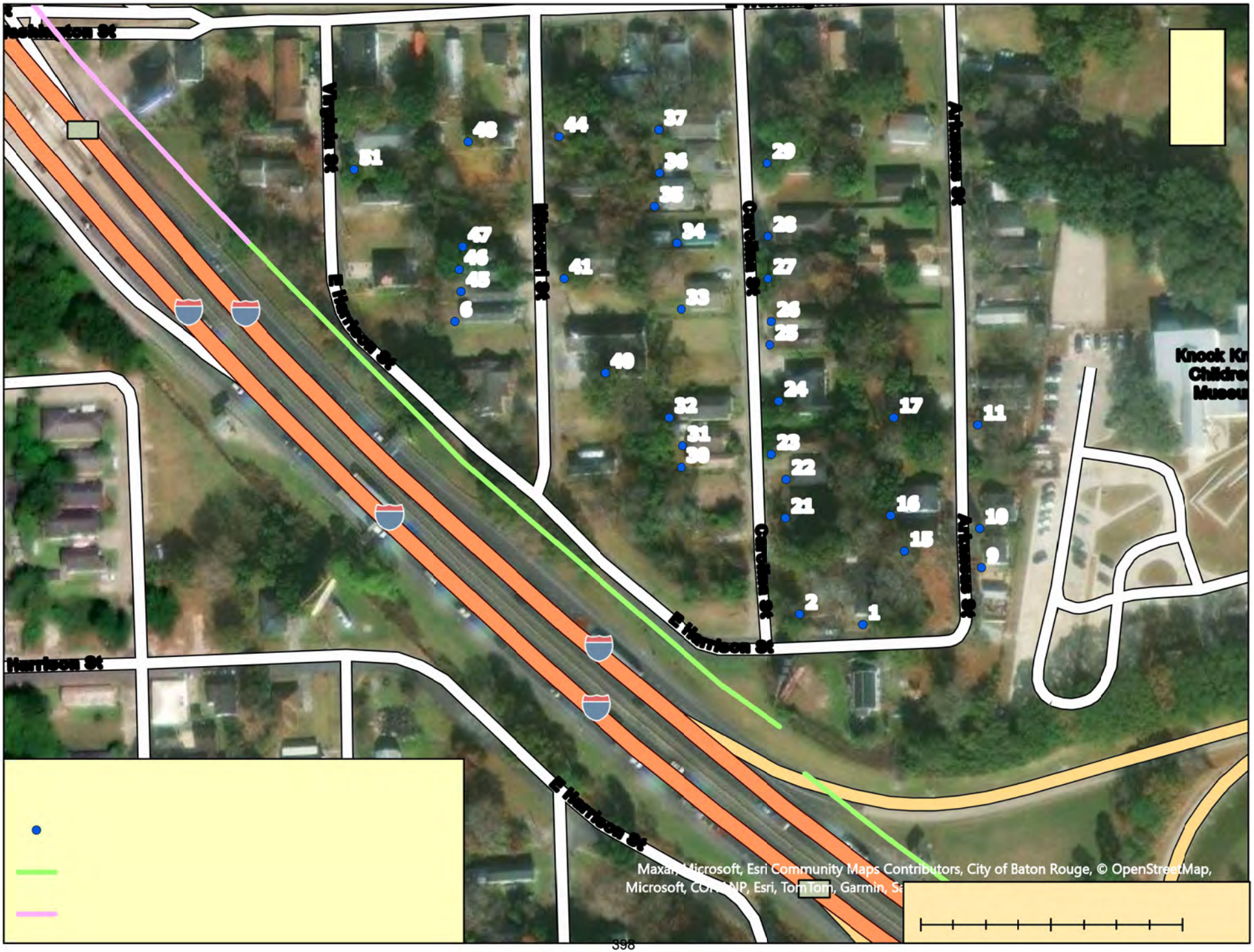
Feasibility	
# of 1st Row Impacted Receptors	7
# of 1st Row Impacted Receptors & Benefitted	7
Feasible?	Yes (100%)

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_Abatement Structure (240-280)	1625	200	12	2400	$58	$139,200	$310,764
WB2_Abatement Structure (240-280)	1626	198	12	2376	$58	$137,808	
WB2_Abatement Structure (240-280)	1627	97	6	582	$58	$33,756	
WB2_Abatement Structure (240-280)	1628	199	0	0	$58	$0	
WB2_Abatement Structure (240-280)	1629	196	0	0	$58	$0	
WB2_Abatement Structure (240-280)	1630	99	0	0	$58	$0	
WB2_Abatement Structure (240-280)	1631	99	0	0	$58	$0	
WB2_Abatement Structure (240-280)	1632	199	0	0	$58	$0	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB3_Abatement (250-240)	1572	43	17	731	$71	$51,901	$1,000,603
WB3_Abatement (250-240)	1573	193	17	3281	$71	$232,951	
WB3_Abatement (250-240)	1574	202	17	3434	$71	$243,814	
WB3_Abatement (250-240)	1575	199	17	3383	$71	$240,193	
WB3_Abatement (250-240)	1576	192	17	3264	$71	$231,744	
WB3_Abatement (260-250)	1620	165	7	1155	$71	$82,005	$866,271
WB3_Abatement (260-250)	1621	195	15	2925	$71	$207,675	
WB3_Abatement (260-250)	1622	198	15	2970	$71	$210,870	
WB3_Abatement (260-250)	1623	194	17	3298	$71	$234,158	
WB3_Abatement (260-250)	1741	109	17	1853	$71	$131,563	
Abatement WB3 McCalops (3245-3240)	1865	90	0	0	$71	$0	$0
Abatement WB3 McCalops (3245-3240)	1866	99	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1867	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1868	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1869	136	0	0	$71	$0	
Abatement WB3 McCalops ramp (outer)	1853	78	0	0	$58	$0	$0
Abatement WB3 McCalops ramp (outer)	1854	99	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1855	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1856	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1857	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1858	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1859	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1860	101	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1861	112	0	0	$58	$0	
Abatemet WB3 (3258-3254)	1848	98	0	0	$71	$0	$0
Abatemet WB3 (3258-3254)	1849	98	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1850	99	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1851	23	0	0	$71	$0	
						Total	
						$2,177,638	

Reasonableness	
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	37
Total Cost	$2,177,638
Total Cost per Benefitted Receptors	$58,855.08
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


Knock Knock Children's Museum
East Polk Street Park
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Source: E


E Harrison St
Harrison St
Knook Kn
Children
Museu
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, Sa

LADOTD 9 April 2025
JNM TNM 2.5
Calculated with TNM 2.5

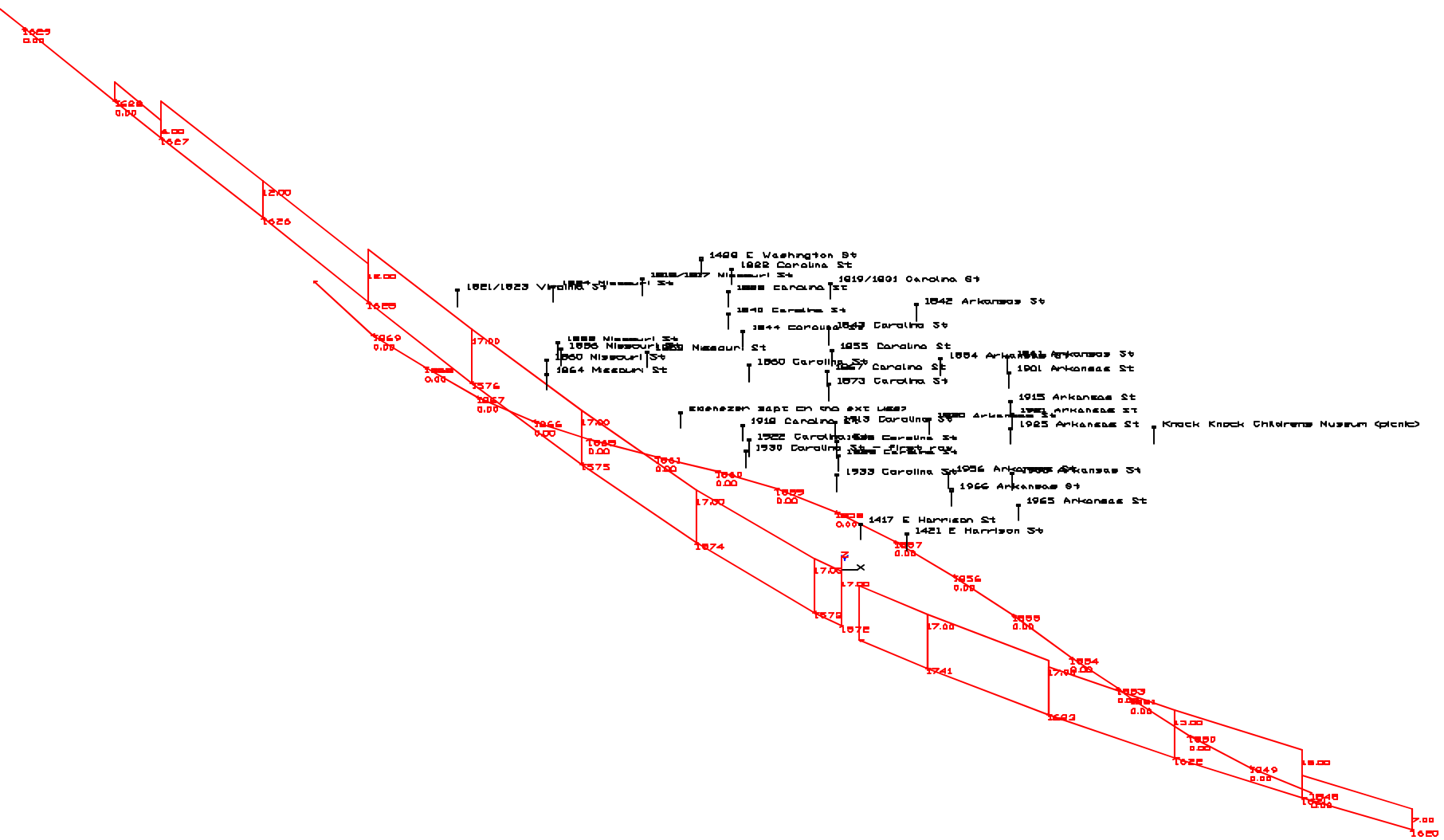
RESULTS: SOUND LEVELS
PROJECT/CONTRACT: H.004100.2
RUN: I-10 Washington - Build WB3
BARRIER DESIGN: reas 2
ATMOSPHERICS: 68 deg F, 50% RH

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

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
1421 E Harrison St	304	1	0.0	72.8	66	72.8	10	Snd Lvl	66.6	6.2	8	-1.8
1417 E Harrison St	305	1	0.0	73.7	66	73.7	10	Snd Lvl	66.3	7.4	8	-0.6
1864 Missouri St	309	1	0.0	71.6	66	71.6	10	Snd Lvl	64.9	6.7	8	-1.3
Knock Knock Childrens Museum (picnic)	313	1	0.0	64.2	66	64.2	10	----	60.2	4.0	8	-4.0
1965 Arkansas St	314	1	0.0	68.5	66	68.5	10	Snd Lvl	62.9	5.6	8	-2.4
1955 Arkansas St	315	1	0.0	67.1	66	67.1	10	Snd Lvl	61.8	5.3	8	-2.7
1925 Arkansas St	316	1	0.0	65.0	66	65.0	10	----	59.9	5.1	8	-2.9
1921 Arkansas St	317	1	0.0	64.1	66	64.1	10	----	59.5	4.6	8	-3.4
1915 Arkansas St	318	1	0.0	63.5	66	63.5	10	----	59.2	4.3	8	-3.7
1901 Arkansas St	319	1	0.0	62.4	66	62.4	10	----	58.2	4.2	8	-3.8
1966 Arkansas St	320	1	0.0	68.7	66	68.7	10	Snd Lvl	63.5	5.2	8	-2.8
1956 Arkansas St	321	1	0.0	67.6	66	67.6	10	Snd Lvl	61.6	6.0	8	-2.0
1920 Arkansas St	322	1	0.0	66.0	66	66.0	10	Snd Lvl	60.5	5.5	8	-2.5
1854 Arkansas St	323	1	0.0	62.7	66	62.7	10	----	58.2	4.5	8	-3.5
1842 Arkansas St	324	1	0.0	61.3	66	61.3	10	----	57.1	4.2	8	-3.8
1861 Arkansas St	325	1	0.0	62.0	66	62.0	10	----	57.7	4.3	8	-3.7
1933 Carolina St	326	1	0.0	70.8	66	70.8	10	Snd Lvl	63.3	7.5	8	-0.5
1929 Carolina St	327	1	0.0	69.3	66	69.3	10	Snd Lvl	62.3	7.0	8	-1.0
1925 Carolina St	328	1	0.0	68.4	66	68.4	10	Snd Lvl	61.7	6.7	8	-1.3
1913 Carolina St	329	1	0.0	67.5	66	67.5	10	Snd Lvl	61.2	6.3	8	-1.7
1873 Carolina St	330	1	0.0	66.4	66	66.4	10	Snd Lvl	60.3	6.1	8	-1.9
1867 Carolina St	331	1	0.0	65.7	66	65.7	10	----	59.5	6.2	8	-1.8
1855 Carolina St	332	1	0.0	64.4	66	64.4	10	----	58.4	6.0	8	-2.0
1843 Carolina St	333	1	0.0	63.5	66	63.5	10	----	57.7	5.8	8	-2.2

1819/1831 Carolina St	334	2	0.0	62.0	66	62.0	10	----	57.0	5.0	8	-3.0
1930 Carolina St - first row	335	1	0.0	71.4	66	71.4	10	Snd Lvl	63.3	8.1	8	0.1
1922 Carolina St	336	1	0.0	70.4	66	70.4	10	Snd Lvl	62.6	7.8	8	-0.2
1918 Carolina St	337	1	0.0	69.7	66	69.7	10	Snd Lvl	62.1	7.6	8	-0.4
1860 Carolina St	338	1	0.0	66.7	66	66.7	10	Snd Lvl	60.3	6.4	8	-1.6
1844 Carolina St	339	1	0.0	65.3	66	65.3	10	----	58.9	6.4	8	-1.6
1840 Carolina St	340	1	0.0	64.8	66	64.8	10	----	58.5	6.3	8	-1.7
1828 Carolina St	341	1	0.0	64.1	66	64.1	10	----	58.6	5.5	8	-2.5
1822 Carolina St	342	1	0.0	63.5	66	63.5	10	----	58.4	5.1	8	-2.9
1428 E Washington St	344	1	0.0	63.4	66	63.4	10	----	58.5	4.9	8	-3.1
Ebenezer Bapt Ch (no ext use)	345	1	0.0	69.7	66	69.7	10	Snd Lvl	62.1	7.6	8	-0.4
1853 Missouri St	346	1	0.0	67.8	66	67.8	10	Snd Lvl	60.8	7.0	8	-1.0
1815/1817 Missouri St	349	2	0.0	65.0	66	65.0	10	----	59.5	5.5	8	-2.5
1860 Missouri St	350	1	0.0	70.8	66	70.8	10	Snd Lvl	63.9	6.9	8	-1.1
1856 Missouri St	351	1	0.0	69.7	66	69.7	10	Snd Lvl	62.4	7.3	8	-0.7
1852 Missouri St	352	1	0.0	69.2	66	69.2	10	Snd Lvl	62.7	6.5	8	-1.5
1824 Missouri St	353	1	0.0	67.5	66	67.5	10	Snd Lvl	61.0	6.5	8	-1.5
1821/1823 Virginia St	356	1	0.0	69.6	66	69.6	10	Snd Lvl	64.0	5.6	8	-2.4

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	44	4.0	6.0	8.1
All Impacted	24	5.2	6.6	8.1
All that meet NR Goal	1	8.1	8.1	8.1



I-10 Washington - Build WB3		Sheet 1 of 1	9 Apr 2025
		LADOTD	
Barrier View-reas 2		Project/Contract No. H.004100.2	
Run name: WB 3 NR		TNM Version 2.5, Feb 2004	
Scale: <DNA - due to perspective>		Analysis By: JNM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

Appendix I

Barriers Designs If Additional Funds Are Available

Appendix I-1

EB1 All Barriers

EB1 NSA All Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	513 Myrtle St	1	B	Yes	160	69	70.7	60.5	66.8	8.5	3.9	Yes	No	0	0
2	515 Myrtle St	1	B	Yes	170	68.9	70.6	60.4	66.8	8.5	3.8	Yes	No	0	0
3	517 Myrtle St	1	B	Yes	164	69	70.7	60.3	66.8	8.7	3.9	Yes	No	0	0
4	521 Myrtle St	1	B	Yes	158	69.2	70.8	60.3	66.8	8.9	4	Yes	No	0	0
5	958 Royal St	1	B	Yes	103	69.3	71.6	59.9	68.3	9.4	3.3	Yes	No	0	0
6	931 Royal St	1	B	Yes	35	65.7	74	60.1	73.5	5.6	0.5	Yes	No	0	0
7	928 Napolean St	1	B	Yes	31	66.2	74.1	60.2	73.5	6	0.6	Yes	No	0	0
8	921 Napolean St	1	B	Yes	74	70	73.5	60.5	71.3	9.5	2.2	Yes	No	0	0
9	940 St Joseph St	1	B	Yes	50	65.9	72.1	59.9	71.2	6	0.9	Yes	No	0	0
10	943 Maximilian St	1	B	Yes	36	70	74.9	64.3	73.8	5.7	1.1	Yes	No	0	0
11	917 Myrtle St	1	B	Yes	62	70.5	73.7	63.8	71.6	6.7	2.1	Yes	No	0	0
12	926 East Blvd	1	B	Yes	28	67.2	74.2	63.4	73.7	3.8	0.5	Yes	No	0	0
13	928 East Blvd	1	B	Yes	65	67	72.4	61.7	71.4	5.3	1	Yes	No	0	0
14	940 East Blvd	1	B	Yes	103	68.2	71	61.1	68.6	7.1	2.4	Yes	No	0	0
15	972 Myrtle St	1	B	Yes	124	69.3	71.5	62.5	68.8	6.8	2.7	Yes	No	0	0
16	982 Myrtle St	1	B	Yes	65	68.2	72.7	62.9	71.5	5.3	1.2	Yes	No	0	0
17	1150 S 10th St	1	B	Yes	95	68.1	71.7	62	69.9	6.1	1.8	Yes	No	0	0
18	1004 Julia St	1	B	Yes	56	66.1	72.1	61.1	71.4	5	0.7	Yes	No	0	0
19	1215 S 10th St	1	B	Yes	60	63.2	71.6	57.4	71.1	5.8	0.5	Yes	No	0	0
20	1239 S 10th St	1	B	Yes	88	70	72.6	61.7	69.9	8.3	2.7	Yes	No	0	0
21	1014 Senette St	1	B	Yes	67	70.9	73.9	65.5	72.1	5.4	1.8	Yes	No	0	0
22	970 Senette St	1	B	Yes	117	69.1	71.5	62.5	68.9	6.6	2.6	Yes	No	0	0
23	946 Swart St	1	B	Yes	173	68.6	70.4	61.8	67.2	6.8	3.2	Yes	No	0	0
24	951 Burns Dr	1	B	Yes	155	68.6	70.4	62.2	67.3	6.4	3.1	Yes	No	0	0
25	967 Cotton St	1	B	Yes	87	71.1	73.3	65.2	70.6	5.9	2.7	Yes	No	0	0
26	1004 Cotton St	1	B	Yes	72	71.5	74.2	65.6	72	5.9	2.2	Yes	No	0	0
27	978 Cotton St	1	B	Yes	123	69.6	71.7	63.2	69	6.4	2.7	Yes	No	0	0
28	1523 Utah St	1	B	Yes	165	67.6	69.8	61.2	67	6.4	2.8	Yes	No	0	0
29	1510 Braddock St	1	B	Yes	66	69.9	73.4	64.8	71.8	5.1	1.6	Yes	No	0	0
30	1538 Braddock St	1	B	Yes	80	70	72.6	64.9	70.5	5.1	2.1	Yes	No	0	0
31	1567 Utah St	1	B	Yes	157	67.1	69.5	60.8	66.8	6.3	2.7	Yes	No	0	0
32	1591 Utah St	1	B	Yes	158	67.1	69.5	60.6	66.7	6.5	2.8	Yes	No	0	0
33	936 Howard St	1	B	Yes	112	67.6	70.7	60.5	68.4	7.1	2.3	Yes	No	0	0
34	924 Howard St	1	B	Yes	156	66.7	69.2	60	66.7	6.7	2.5	Yes	No	0	0
35	1616 Braddock St - GONE	0													
36	Fairview Baptist Ch (no ext use)	1	D	Yes	44	44.4	51.1	39.7	50.4	4.7	0.7	Yes	No	0	0
37	937 Lettsworth St	1	B	Yes	66	67.4	72.5	65.2	72	2.2	0.5	Yes	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
38	946 Lettsworth St	1	B	Yes	141	67.4	70	61.2	67.7	6.2	2.3	Yes	No	0	0
39	1704 Braddock St	1	B	Yes	82	66.6	71	64.8	70.5	1.8	0.5	Yes	No	0	0
40	Baranco Clark YMCA Playground	1	C	Yes	187	65.4	65.4	59.7	59.7	5.7	5.7	No	Yes	1	0
41	968 Fig St - GONE	0													
42	962 Royal St	1	B	No	150	68.8	70.5	59.6	66.6	9.2	3.9	Yes	No	0	0
43	525 Myrtle St	1	B	No	189	68.4	68.4	59.4	59.5	9	8.9	Yes	Yes	1	1
44	941 Royal St	1	B	No	58	68.7	72.9	60.5	71.3	8.2	1.6	Yes	No	0	0
45	953 Royal St	1	B	No	94	70.1	72.7	60.4	69.6	9.7	3.1	Yes	No	0	0
46	605 Myrtle St	1	B	No	160	69.7	71.1	60.5	66.8	9.2	4.3	Yes	No	0	0
47	607 Myrtle St	1	B	No	163	69.8	71.2	60.5	66.8	9.3	4.4	Yes	No	0	0
48	609 Myrtle St	1	B	No	170	69.8	71.3	60.4	66.8	9.4	4.5	Yes	No	0	0
49	932 Napolean St	1	B	No		69.6	69.6	60.5	60.5	9.1	9.1	Yes	Yes	1	1
50	1038 Napolean St	1	B	No		68.3	68.3	59.3	59.3	9	9	Yes	Yes	1	1
51	923 Napolean St	1	B	No		69.6	69.6	60.2	60.2	9.4	9.4	Yes	Yes	1	1
52	933 Napolean St	1	B	No		69.4	69.4	60.1	60.1	9.3	9.3	Yes	Yes	1	1
53	705 Myrtle St	1	B	No		69.2	69.2	59.7	59.7	9.5	9.5	Yes	Yes	1	1
54	709 Myrtle St	1	B	No		69	69	60	60	9	9	Yes	Yes	1	1
55	713 Myrtle St	1	B	No		68.9	68.9	60	60	8.9	8.9	Yes	Yes	1	1
56	952 St Joseph St	1	B	No		68.3	68.3	59.8	59.8	8.5	8.5	Yes	Yes	1	1
57	715 Myrtle St	1	B	No		67.8	67.8	59.6	59.6	8.2	8.2	Yes	Yes	1	1
58	956 St Joseph St	1	B	No		68	68	59.8	59.8	8.2	8.2	Yes	Yes	1	1
59	837 Myrtle St	1	B	No		69.4	69.4	61.7	61.7	7.7	7.7	Yes	Yes	1	0
60	958 Maximillian St	1	B	No		69.4	69.4	61.9	61.9	7.5	7.5	Yes	Yes	1	0
61	964 Maximillian St	1	B	No		67.1	67.1	59.8	59.8	7.3	7.3	Yes	Yes	1	0
62	963 Maximillian St	1	B	No		70.4	70.4	62.7	62.7	7.7	7.7	Yes	Yes	1	0
63	965 Maximillian St	1	B	No		69.3	69.3	62	62	7.3	7.3	Yes	Yes	1	0
64	969 Maximillian St	1	B	No		68.6	68.6	61.5	61.5	7.1	7.1	Yes	Yes	1	0
65	1103 Thomas H Delpit Dr	1	B	No		68.1	68.1	61.4	61.4	6.7	6.7	Yes	Yes	1	0
66	1105 Thomas H Delpit Dr	1	B	No		67.1	67.1	60	60	7.1	7.1	Yes	Yes	1	0
67	1107 Thomas H Delpit Dr	1	B	No		67.4	67.4	60.7	60.7	6.7	6.7	Yes	Yes	1	0
68	1109 Thomas H Delpit Dr	1	B	No		67.3	67.3	60.6	60.6	6.7	6.7	Yes	Yes	1	0
69	1117 Thomas H Delpit Dr	1	B	No		67.6	67.6	61.1	61.1	6.5	6.5	Yes	Yes	1	0
70	1131 Thomas H Delpit Dr	1	B	No		65.8	65.8	59.6	59.6	6.2	6.2	No	Yes	1	0
71	991 Julia St	1	B	No		68.8	68.8	61.7	61.7	7.1	7.1	Yes	Yes	1	0
72	981 Julia St	1	B	No		68.2	68.2	61.4	61.4	6.8	6.8	Yes	Yes	1	0
73	967 Julia St	1	B	No		66.8	66.8	60.4	60.4	6.4	6.4	Yes	Yes	1	0
74	965 Julia St	1	B	No		66.6	66.6	60.2	60.2	6.4	6.4	Yes	Yes	1	0
75	1002 Julia St	1	B	No		66.5	66.5	60.9	60.9	5.6	5.6	Yes	Yes	1	0
76	Progressive Bapt Ch (Cat D)	1	D	No		43.7	43.7	36	36	7.7	7.7	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
77	1226 S 10th St - GONE	0													
78	1228 S 10th St	1	B	No		68	68	60.2	60.2	7.8	7.8	Yes	Yes	1	0
79	1232 S 10th St	1	B	No		68.1	68.1	60.5	60.5	7.6	7.6	Yes	Yes	1	0
80	1234 S 10th St	1	B	No		67.9	67.9	60.6	60.6	7.3	7.3	Yes	Yes	1	0
81	979 Terrace St - GONE	0													
82	975 Terrace St	1	B	No		65	65	58.3	58.3	6.7	6.7	No	Yes	1	0
83	963 Terrace St	1	B	No		64	64	57.4	57.4	6.6	6.6	No	Yes	1	0
84	988 Terrace St	1	B	No		67.2	67.2	59.7	59.7	7.5	7.5	Yes	Yes	1	0
85	980 Terrace St	1	B	No		66.3	66.3	58.9	58.9	7.4	7.4	Yes	Yes	1	0
86	976 Terrace St	1	B	No		65.6	65.6	58.1	58.1	7.5	7.5	No	Yes	1	0
87	970 Terrace St	1	B	No		64.9	64.9	57.6	57.6	7.3	7.3	No	Yes	1	0
88	960 Terrace St	1	B	No		64.1	64.1	57.2	57.2	6.9	6.9	No	Yes	1	0
89	954 Terrace St	1	B	No		63.4	63.4	56.6	56.6	6.8	6.8	No	Yes	1	0
90	952 Terrace St	1	B	No		62.1	62.1	55.7	55.7	6.4	6.4	No	Yes	1	0
91	946 Senette St	1	B	No		67.5	67.5	60.3	60.3	7.2	7.2	Yes	Yes	1	0
92	918 Senette St	1	B	No		66.3	66.3	59.1	59.1	7.2	7.2	Yes	Yes	1	0
93	862 Senette St - GONE	0													
94	850 Senette St - GONE	0													
95	920 Swart St	1	B	No		66.7	66.7	59.9	59.9	6.8	6.8	Yes	Yes	1	0
96	912 Swart St	1	B	No		65.7	65.7	59.1	59.1	6.6	6.6	No	Yes	1	0
97	931 Burns Dr	1	B	No		65.6	65.6	59.3	59.3	6.3	6.3	No	Yes	1	0
98	877 Burns Dr	1	B	No		62.9	62.9	57.1	57.1	5.8	5.8	No	Yes	1	0
99	855 Burns Dr	1	B	No		62.9	62.9	56.1	56.1	6.8	6.8	No	Yes	1	0
100	955 Cotton St	1	B	No		66.3	66.3	59.4	59.4	6.9	6.9	Yes	Yes	1	0
101	837 Cotton St	1	B	No		63.6	63.6	56.7	56.7	6.9	6.9	No	Yes	1	0
102	964 Cotton St - GONE	0													
103	922 Cotton St	1	B	No		66.6	66.6	60.3	60.3	6.3	6.3	Yes	Yes	1	0
104	906 Cotton St	1	B	No		66.3	66.3	59.7	59.7	6.6	6.6	Yes	Yes	1	0
105	876 Cotton St	1	B	No		65.3	65.3	58.4	58.4	6.9	6.9	No	Yes	1	0
106	855 Louise St	1	B	No		65.6	65.6	59.2	59.2	6.4	6.4	No	Yes	1	0
107	853 Louise St	1	B	No		65	65	58.4	58.4	6.6	6.6	No	Yes	1	0
108	851 Louise St	1	B	No		64.8	64.8	58.1	58.1	6.7	6.7	No	Yes	1	0
109	926 Louise St	1	B	No		65.7	65.7	59.8	59.8	5.9	5.9	No	Yes	1	0
110	1541 Utah St	1	B	No		67.3	67.3	61	61	6.3	6.3	Yes	Yes	1	0
111	1555 Utah St	1	B	No		67.2	67.2	61	61	6.2	6.2	Yes	Yes	1	0
112	866 Louise St	1	B	No		65.6	65.6	59.5	59.5	6.1	6.1	No	Yes	1	0
113	1520 Utah St	1	B	No		65.6	65.6	59.1	59.1	6.5	6.5	No	Yes	1	0
114	1530 Utah St	1	B	No		65.6	65.6	59.1	59.1	6.5	6.5	No	Yes	1	0
115	1542 Utah St	1	B	No		65.6	65.6	58.9	58.9	6.7	6.7	No	Yes	1	0
116	1550 Utah St	1	B	No		65.6	65.6	58.8	58.8	6.8	6.8	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
117	1558 Utah St	1	B	No		65.3	65.3	58.6	58.6	6.7	6.7	No	Yes	1	0
118	1564 Utah St	1	B	No		65.2	65.2	58.6	58.6	6.6	6.6	No	Yes	1	0
119	1567 Thomas H Delpit Dr	1	B	No		63.5	63.5	57.2	57.2	6.3	6.3	No	Yes	1	0
120	New Jerusalem Bapt Church (no ext use)	1	D	No		38.3	38.3	31.2	31.2	7.1	7.1	No	Yes	1	0
121	831 Lettsworth Dr - GONE	0													
122	1669 Thomas H Delpit Dr	1	B	No		64.9	64.9	58.1	58.1	6.8	6.8	No	Yes	1	0
123	1649 Thomas H Delpit Dr	1	B	No		63.8	63.8	56.4	56.4	7.4	7.4	No	Yes	1	0
124	928 Lettsworth Dr	1	B	No		66.3	66.3	60	60	6.3	6.3	Yes	Yes	1	0
125	912 Lettsworth Dr	1	B	No		65.7	65.7	59.5	59.5	6.2	6.2	No	Yes	1	0
126	Neeley UM Church (no ext)	1	D	No		40.3	40.3	34.3	34.3	6	6	No	Yes	1	0
127	606 Myrtle St	1	B	No		66.5	66.5	59.9	59.9	6.6	6.6	Yes	Yes	1	0
128	608 Myrtle St	1	B	No		66.5	66.5	59.7	59.7	6.8	6.8	Yes	Yes	1	0
129	610 Myrtle St	1	B	No		66.5	66.5	59.7	59.7	6.8	6.8	Yes	Yes	1	0
130	614 Myrtle St	1	B	No		66.6	66.6	59.5	59.5	7.1	7.1	Yes	Yes	1	0
131	616 Myrtle St	1	B	No		66.6	66.6	59.6	59.6	7	7	Yes	Yes	1	0
132	618 Myrtle St	1	B	No		66.6	66.6	59.5	59.5	7.1	7.1	Yes	Yes	1	0
133	1121 Royal St	1	B	No		63.9	63.9	56.3	56.3	7.6	7.6	No	Yes	1	0
134	1123 Royal St	1	B	No		64	64	56.6	56.6	7.4	7.4	No	Yes	1	0
135	1125 Royal St	1	B	No		61.4	61.4	54.8	54.8	6.6	6.6	No	Yes	1	0
136	1127 Royal St	1	B	No		60.3	60.3	57	57	3.3	3.3	No	No	0	0
137	1129 Royal St	1	B	No		62.5	62.5	58.4	58.4	4.1	4.1	No	No	0	0
138	601 Julia St	1	B	No		59.8	59.8	52.3	52.3	7.5	7.5	No	Yes	1	0
139	627 Julia St	1	B	No		61.2	61.2	55.4	55.4	5.8	5.8	No	Yes	1	0
140	635 Julia St	1	B	No		61.2	61.2	55.4	55.4	5.8	5.8	No	Yes	1	0
141	1110 Napolean St	1	B	No		63.7	63.7	56.5	56.5	7.2	7.2	No	Yes	1	0
142	1114 Napolean St	1	B	No		63.2	63.2	56.2	56.2	7	7	No	Yes	1	0
143	1116 Napolean St	1	B	No		63	63	56.1	56.1	6.9	6.9	No	Yes	1	0
144	1122 Napolean St	1	B	No		62.3	62.3	55.7	55.7	6.6	6.6	No	Yes	1	0
145	1124 Napolean St	1	B	No		64.6	64.6	57.8	57.8	6.8	6.8	No	Yes	1	0
146	1126 Napolean St	1	B	No		62.3	62.3	54.2	54.2	8.1	8.1	No	Yes	1	1
147	1128 Napolean St	1	B	No		61.8	61.8	56.4	56.4	5.4	5.4	No	Yes	1	0
148	1130 Napolean St	1	B	No		61.6	61.6	54.4	54.4	7.2	7.2	No	Yes	1	0
149	1136 Napolean St	1	B	No		61.4	61.4	54.5	54.5	6.9	6.9	No	Yes	1	0
150	1140 Napolean St	1	B	No		60.9	60.9	53.9	53.9	7	7	No	Yes	1	0
151	1142 Napolean St	1	B	No		60.7	60.7	54.2	54.2	6.5	6.5	No	Yes	1	0
152	1144 Napolean St	1	B	No		60.6	60.6	54.1	54.1	6.5	6.5	No	Yes	1	0
153	1146 Napolean St	1	B	No		60.2	60.2	53.6	53.6	6.6	6.6	No	Yes	1	0
154	704 Myrtle St	1	B	No		66.3	66.3	59.3	59.3	7	7	Yes	Yes	1	0
155	706 Myrtle St	1	B	No		66.2	66.2	59.3	59.3	6.9	6.9	Yes	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
156	708 Myrtle St	1	B	No		66.1	66.1	59.1	59.1	7	7	Yes	Yes	1	0
157	710 Myrtle St	1	B	No		64.8	64.8	58.3	58.3	6.5	6.5	No	Yes	1	0
158	714 Myrtle St	1	B	No		65.8	65.8	59.1	59.1	6.7	6.7	No	Yes	1	0
159	722 Myrtle St	1	B	No		65.6	65.6	59	59	6.6	6.6	No	Yes	1	0
160	1111 Napolean St	1	B	No		64.4	64.4	57.2	57.2	7.2	7.2	No	Yes	1	0
161	1113 Napolean St	1	B	No		63.9	63.9	56.7	56.7	7.2	7.2	No	Yes	1	0
162	1115 Napolean St	1	B	No		63.5	63.5	56.6	56.6	6.9	6.9	No	Yes	1	0
163	1119 Napolean St	1	B	No		62.9	62.9	56.4	56.4	6.5	6.5	No	Yes	1	0
164	1123 Napolean St	1	B	No		62.6	62.6	56.4	56.4	6.2	6.2	No	Yes	1	0
165	1129 Napolean St	1	B	No		61.9	61.9	55.2	55.2	6.7	6.7	No	Yes	1	0
166	1139 Napolean St	1	B	No		61.4	61.4	55.6	55.6	5.8	5.8	No	Yes	1	0
167	1145 Napolean St	1	B	No		61.9	61.9	56.1	56.1	5.8	5.8	No	Yes	1	0
168	707 Julia St	1	B	No		62.5	62.5	55.9	55.9	6.6	6.6	No	Yes	1	0
169	713 Julia St	1	B	No		62.5	62.5	56.1	56.1	6.4	6.4	No	Yes	1	0
170	715 Julia St	1	B	No		62.4	62.4	56.1	56.1	6.3	6.3	No	Yes	1	0
171	725 Julia St	1	B	No		62.4	62.4	56.2	56.2	6.2	6.2	No	Yes	1	0
172	1108 St Joseph St	1	B	No		63	63	56.1	56.1	6.9	6.9	No	Yes	1	0
173	1110 St Joseph St	1	B	No		62.7	62.7	56.5	56.5	6.2	6.2	No	Yes	1	0
174	1112 St Joseph St	1	B	No		63.7	63.7	57.5	57.5	6.2	6.2	No	Yes	1	0
175	1114 St Joseph St	1	B	No		62.2	62.2	55.4	55.4	6.8	6.8	No	Yes	1	0
176	1120 St Joseph St	1	B	No		63.4	63.4	56.2	56.2	7.2	7.2	No	Yes	1	0
177	1122 St Joseph St	1	B	No		61.7	61.7	55.3	55.3	6.4	6.4	No	Yes	1	0
178	1126 St Joseph St	1	B	No		62.2	62.2	55.4	55.4	6.8	6.8	No	Yes	1	0
179	814 Myrtle St	1	B	No		65.3	65.3	58.6	58.6	6.7	6.7	No	Yes	1	0
180	820 Myrtle St	1	B	No		65.1	65.1	58.6	58.6	6.5	6.5	No	Yes	1	0
181	836 Myrtle St	1	B	No		65.8	65.8	60	60	5.8	5.8	No	Yes	1	0
182	840 Myrtle St	1	B	No		66	66	59.7	59.7	6.3	6.3	Yes	Yes	1	0
183	1102 Maximillian St	1	B	No		65.9	65.9	59.6	59.6	6.3	6.3	No	Yes	1	0
184	1105 St Joseph St	1	B	No		63.3	63.3	56.6	56.6	6.7	6.7	No	Yes	1	0
185	1107 St Joseph St	1	B	No		62.7	62.7	56	56	6.7	6.7	No	Yes	1	0
186	1119 St Joseph St	1	B	No		62.5	62.5	56.3	56.3	6.2	6.2	No	Yes	1	0
187	1121 St Joseph St	1	B	No		62.5	62.5	56.3	56.3	6.2	6.2	No	Yes	1	0
188	1127 St Joseph St	1	B	No		62.4	62.4	55.7	55.7	6.7	6.7	No	Yes	1	0
189	815 Julia St	1	B	No		63.2	63.2	56.6	56.6	6.6	6.6	No	Yes	1	0
190	821 Julia St	1	B	No		63.1	63.1	56.5	56.5	6.6	6.6	No	Yes	1	0
191	823 Julia St	1	B	No		63	63	56.7	56.7	6.3	6.3	No	Yes	1	0
192	1106 Maximillian St	1	B	No		65	65	58.4	58.4	6.6	6.6	No	Yes	1	0
193	1118 Maximillian St	1	B	No		64.5	64.5	58.4	58.4	6.1	6.1	No	Yes	1	0
194	1122 Maximillian St	1	B	No		64.3	64.3	58.3	58.3	6	6	No	Yes	1	0
195	1124 Maximillian St	1	B	No		64.1	64.1	58.2	58.2	5.9	5.9	No	Yes	1	0

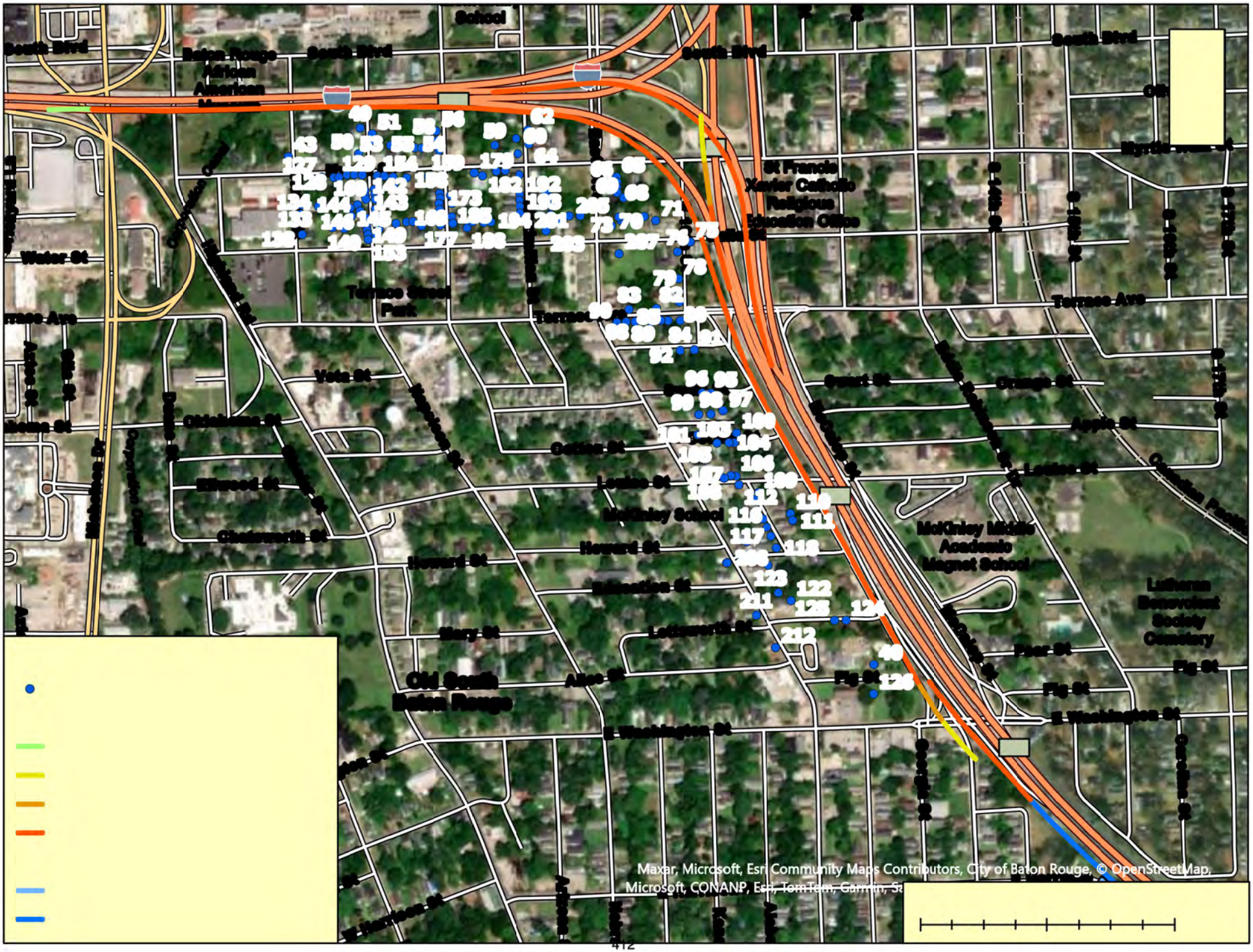
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
196	1128 Maximillian St	1	B	No		63.9	63.9	58.1	58.1	5.8	5.8	No	Yes	1	0
197	1132 Maximillian St - GONE	0													
198	1107 Maximillian St	1	B	No		65.7	65.7	59.9	59.9	5.8	5.8	No	Yes	1	0
199	1113 Maximillian St	1	B	No		65.5	65.5	59.4	59.4	6.1	6.1	No	Yes	1	0
200	1119 Maximillian St	1	B	No		65.2	65.2	59.1	59.1	6.1	6.1	No	Yes	1	0
201	1121 Maximillian St	1	B	No		65	65	59.1	59.1	5.9	5.9	No	Yes	1	0
202	1123 Maximillian St	1	B	No		64.8	64.8	58.9	58.9	5.9	5.9	No	Yes	1	0
203	1133 Maximillian St	1	B	No		64.1	64.1	58.2	58.2	5.9	5.9	No	Yes	1	0
204	913 Julia St	1	B	No		64.6	64.6	58.8	58.8	5.8	5.8	No	Yes	1	0
205	915 Julia St	1	B	No		65.1	65.1	59.2	59.2	5.9	5.9	No	Yes	1	0
206	953 Julia St	1	B	No		65.2	65.2	59.3	59.3	5.9	5.9	No	Yes	1	0
207	1203 Thomas H Delpit Dr	1	B	No		64.5	64.5	58.7	58.7	5.8	5.8	No	Yes	1	0
208	1608 Thomas H Delpit Dr	1	B	No		61.7	61.7	55.6	55.6	6.1	6.1	No	Yes	1	0
209	1652 Thomas H Delpit Dr	1	B	No		57.9	57.9	53.2	53.2	4.7	4.7	No	No	0	0
210	1662 Thomas H Delpit Dr - GONE	0													
211	1668 Thomas H Delpit Dr	1	B	No		57.9	57.9	52.9	52.9	5	5	No	Yes	1	0
212	1718 Thomas H Delpit Dr	1	B	No		60.8	60.8	54.7	54.7	6.1	6.1	No	Yes	1	0
213	Baranco Clark YMCA Playground N	1	C	Yes	90	65.9	70.9	62.1	69.9	3.8	1	Yes	No	0	0
214	996 Terrace St	1	B	Yes	156	68.7	70.5	61.6	67.1	7.1	3.4	Yes	No	0	0
215	915 Myrtle St	1	B	Yes	101	67.3	70.5	59.9	68.3	7.4	2.2	Yes	No	0	0
216	1006 Julia St	1	B	Yes	27	66.3	74.1	61.7	73.6	4.6	0.5	Yes	No	0	0
														Total	Total
														155	12

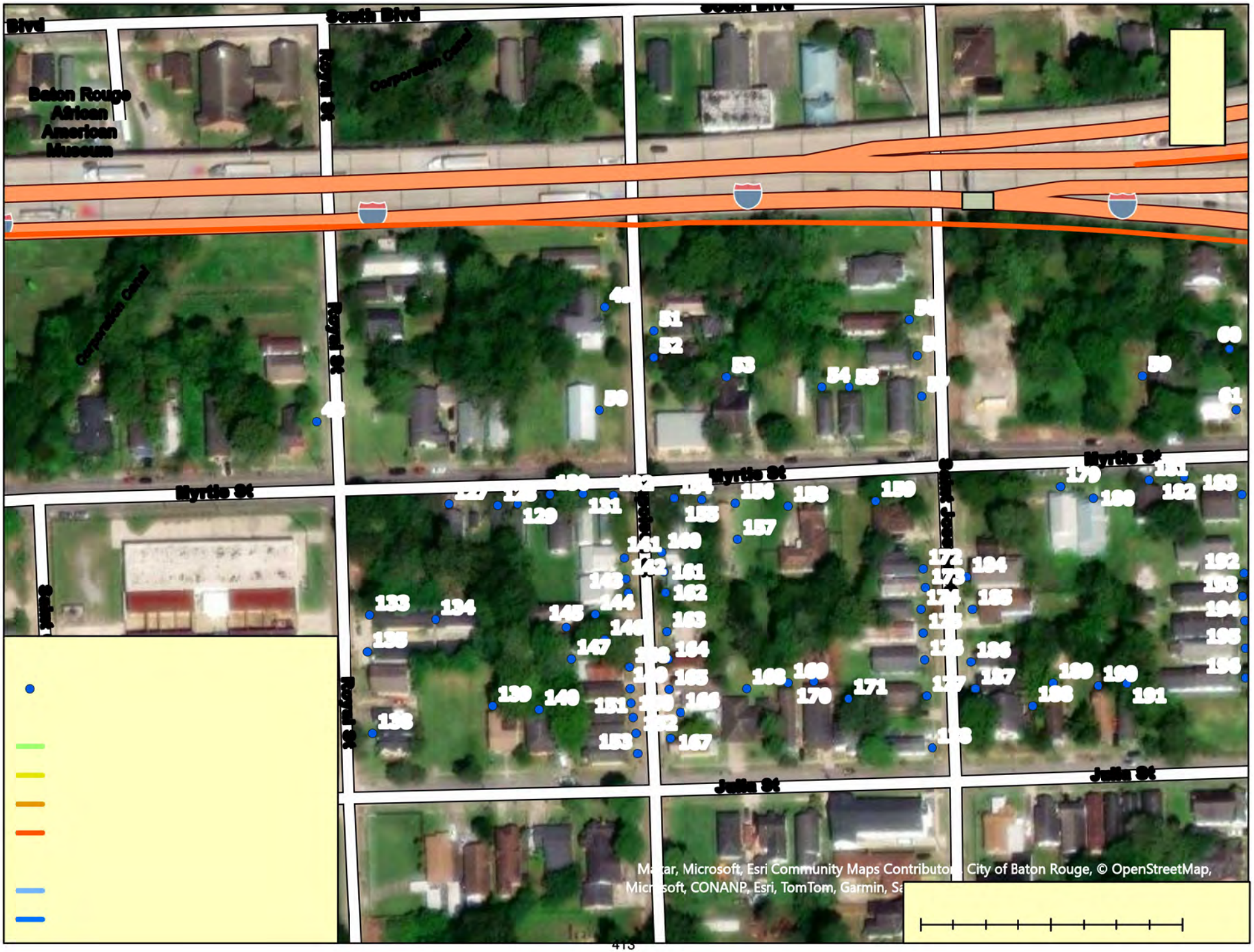
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abate_Struct (414-220)	1473	200	8	1600	$58	$92,800	$3,242,548
EB1_Abate_Struct (414-220)	1474	201	14	2814	$58	$163,212	
EB1_Abate_Struct (414-220)	1475	201	14	2814	$58	$163,212	
EB1_Abate_Struct (414-220)	1476	201	14	2814	$58	$163,212	
EB1_Abate_Struct (414-220)	1477	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1478	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1479	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1480	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1481	199	14	2786	$58	$161,588	
EB1_Abate_Struct (414-220)	1482	100	14	1400	$58	$81,200	
EB1_Abate_Struct (414-220)	1483	102	14	1428	$58	$82,824	
EB1_Abate_Struct (414-220)	1484	202	14	2828	$58	$164,024	
EB1_Abate_Struct (414-220)	1485	195	14	2730	$58	$158,340	
EB1_Abate_Struct (414-220)	1486	99	14	1386	$58	$80,388	

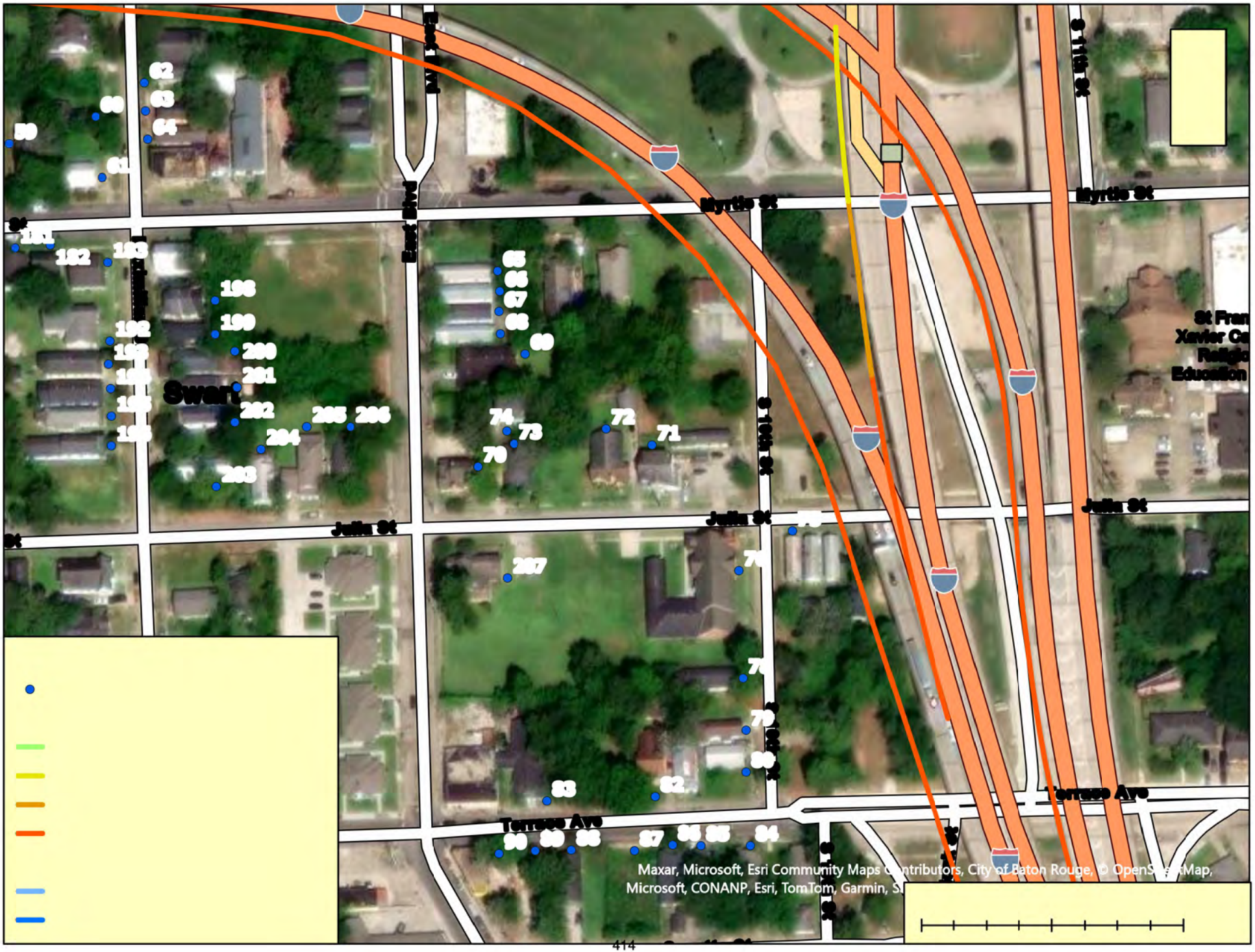
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abate_Struct (414-220)	1487	103	14	1442	$58	$83,636	
EB1_Abate_Struct (414-220)	1488	95	14	1330	$58	$77,140	
EB1_Abate_Struct (414-220)	1489	99	14	1386	$58	$80,388	
EB1_Abate_Struct (414-220)	1490	98	14	1372	$58	$79,576	
EB1_Abate_Struct (414-220)	1491	99	14	1386	$58	$80,388	
EB1_Abate_Struct (414-220)	1492	100	14	1400	$58	$81,200	
EB1_Abate_Struct (414-220)	1493	99	14	1386	$58	$80,388	
EB1_Abate_Struct (414-220)	1494	100	14	1400	$58	$81,200	
EB1_Abate_Struct (414-220)	1495	59	14	826	$58	$47,908	
EB1_Abate_Struct (414-220)	1496	204	14	2856	$58	$165,648	
EB1_Abate_Struct (414-220)	1497	197	14	2758	$58	$159,964	
EB1_Abate_Struct (414-220)	1498	108	14	1512	$58	$87,696	
EB1_Abate_Struct (414-220)	1499	104	14	1456	$58	$84,448	
EB1_Abate_Struct (414-220)	1500	114	14	1596	$58	$92,568	
EB1 I10nb to I10wb (inner)	1672	99	14	1386	$58	$80,388	$1,756,356
EB1 I10nb to I10wb (inner)	1673	101	14	1414	$58	$82,012	
EB1 I10nb to I10wb (inner)	1674	167	14	2338	$58	$135,604	
EB1 I10nb to I10wb (inner)	1675	201	14	2814	$58	$163,212	
EB1 I10nb to I10wb (inner)	1676	199	14	2786	$58	$161,588	
EB1 I10nb to I10wb (inner)	1677	101	14	1414	$58	$82,012	
EB1 I10nb to I10wb (inner)	1678	101	14	1414	$58	$82,012	
EB1 I10nb to I10wb (inner)	1679	98	14	1372	$58	$79,576	
EB1 I10nb to I10wb (inner)	1680	101	14	1414	$58	$82,012	
EB1 I10nb to I10wb (inner)	1681	103	14	1442	$58	$83,636	
EB1 I10nb to I10wb (inner)	1682	98	14	1372	$58	$79,576	
EB1 I10nb to I10wb (inner)	1683	98	14	1372	$58	$79,576	
EB1 I10nb to I10wb (inner)	1684	98	14	1372	$58	$79,576	
EB1 I10nb to I10wb (inner)	1685	98	14	1372	$58	$79,576	
EB1 I10nb to I10wb (inner)	1686	97	14	1358	$58	$78,764	
EB1 I10nb to I10wb (inner)	1687	103	14	1442	$58	$83,636	
EB1 I10nb to I10wb (inner)	1688	200	14	2800	$58	$162,400	
EB1 I10nb to I10wb (inner)	1689	100	14	1400	$58	$81,200	
EB1 & WB1_Struct (202-215)	1508	100	0	0	$58	$0	$585,220
EB1 & WB1_Struct (202-215)	1509	100	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1510	98	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1511	199	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1512	201	10	2010	$58	$116,580	
EB1 & WB1_Struct (202-215)	1513	202	12	2424	$58	$140,592	
EB1 & WB1_Struct (202-215)	1514	206	14	2884	$58	$167,272	
EB1 & WB1_Struct (202-215)	1515	198	14	2772	$58	$160,776	
EB1_Structure(219+35-240)	1518	101	14	1414	$58	$82,012	$1,226,120
EB1_Structure(219+35-240)	1519	100	14	1400	$58	$81,200	
EB1_Structure(219+35-240)	1520	201	14	2814	$58	$163,212	

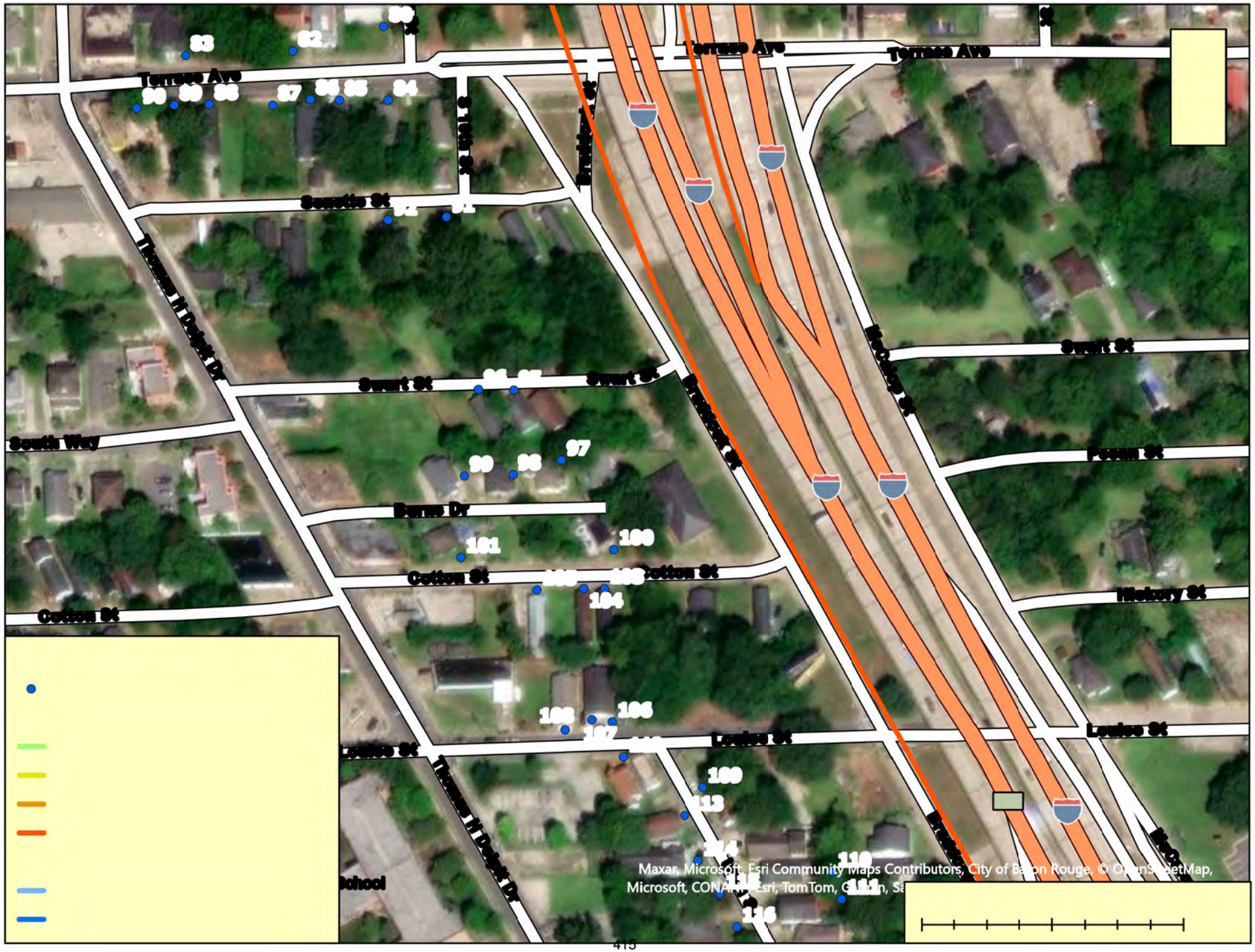
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Structure(219+35-240)	1521	200	14	2800	$58	$162,400	
EB1_Structure(219+35-240)	1522	299	14	4186	$58	$242,788	
EB1_Structure(219+35-240)	1523	203	14	2842	$58	$164,836	
EB1_Structure(219+35-240)	1524	99	14	1386	$58	$80,388	
EB1_Structure(219+35-240)	1525	101	14	1414	$58	$82,012	
EB1_Structure(219+35-240)	1526	206	14	2884	$58	$167,272	
EB1_Ramp(1235-1242)	1832	101	12	1212	$58	$70,296	$267,960
EB1_Ramp(1235-1242)	1833	104	12	1248	$58	$72,384	
EB1_Ramp(1235-1242)	1834	116	10	1160	$58	$67,280	
EB1_Ramp(1235-1242)	1835	100	10	1000	$58	$58,000	
EB1_Ramp(1235-1242)	1836	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1837	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1838	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1839	39	0	0	$58	$0	
EB1_Structure(235-242)	1743	206	14	2884	$58	$167,272	$579,768
EB1_Structure(235-242)	1528	102	14	1428	$58	$82,824	
EB1_Structure(235-242)	1529	202	14	2828	$58	$164,024	
EB1_Structure(235-242)	1890	204	14	2856	$58	$165,648	
							Total
							$7,657,972

# of 1st Row Impacted Receptors	42
# of 1st Row Impacted Receptors & Benefitted	0
Percent of 1st Row Impacted Receptors Benefit	0%
Feasible?	No
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	155
Total Cost	$7,657,972
Total Cost per Benefitted Receptors	$49,406.27
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


South Blvd
Baton Rouge Latin American Mission
St Francis Xavier Catholic Religious Education Office
Terrace Street Park
McKinley School
McKinley Middle Academic Magnet School
Old South Baton Rouge
Lutheran Benevolent Society Cemetery
Water St
Vista St
Oklahoma St
Chadsworth St
Elmwood St
Howard St
Mary St
Alice St
Grant St
Orange St
Apple St
Fig St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, St


South Blvd
Baton Rouge African American Museum
Corporation Canal
Myrtle St
Julia St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, Sa


Myrtle St
Julia St
Terrace Ave
Swart
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, S


Terrace Ave
Seaside St
Swart St
Burns Dr
Cotton St
Louise St
Pecan St
Hickory St
South Way
Thomas H Dodd Dr
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, G


Howard St
Howard St
Lotterworth St
Lotterworth St
Lotterworth St
Alice St
Flag St
E Washington St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap
Microsoft, CONANP, Esri, TomTom, Garmin, Sa

Appendix I-2

EB2 All Barriers

EB2 NSA All Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1824 Kentucky St	1	B	Yes	86	65.9	70.8	60.3	69.7	5.6	1.1	Yes	No	0	0
2	1820 Kentucky St	1	B	Yes	104	65.3	69.7	59.8	68.4	5.5	1.3	Yes	No	0	0
3	1840 Kentucky St	1	B	Yes	152	65.4	68.5	59.4	66.5	6	2	Yes	No	0	0
4	1844 Kentucky St	1	B	Yes	163	65.4	68.6	59.3	66.6	6.1	2	Yes	No	0	0
5	1851 Kentucky St - GONE	0													
6	1859 Kentucky St	1	B	Yes	107	65.5	69.8	58.7	68.2	6.8	1.6	Yes	No	0	0
7	1867 Kentucky St	1	B	Yes	124	66.1	69.9	59.5	68.3	6.6	1.6	Yes	No	0	0
8	1879 Kentucky St	1	B	Yes	147	65.9	69.2	59.9	67.4	6	1.8	Yes	No	0	0
9	1920 Maryland St	1	B	Yes	114	64.5	69.4	59.4	68.3	5.1	1.1	Yes	No	0	0
10	1926 Maryland St	1	B	Yes	160	64.9	68.3	60.8	66.9	4.1	1.4	Yes	No	0	0
11	1934 Maryland St	1	B	Yes		65.5	65.5	60.2	60.2	5.3	5.3	No	Yes	1	0
12	1940 Maryland St	1	B	Yes		65.5	65.5	60	60	5.5	5.5	No	Yes	1	0
13	1952 Maryland St	1	B	Yes		65.9	65.9	59.5	59.5	6.4	6.4	No	Yes	1	0
14	1159 E Harrison St	1	B	Yes		63.6	63.6	57.6	57.6	6	6	No	Yes	1	0
15	2002 Virginia St	1	B	Yes		67.8	67.8	60.8	60.8	7	7	Yes	Yes	1	0
16	2019 Virginia St - GONE	0													
17	2041 Virginia St	1	B	Yes		66.1	66.1	60.3	60.3	5.8	5.8	Yes	Yes	1	0
18	2053 Virginia St - GONE	0													
19	2042 Missouri St	1	B	Yes		64.4	64.4	59	59	5.4	5.4	No	Yes	1	0
20	2060 Missouri St	1	B	Yes		65.6	65.6	58.9	58.9	6.7	6.7	No	Yes	1	0
21	2065 Missouri St	1	B	Yes		67.4	67.4	61.9	61.9	5.5	5.5	Yes	Yes	1	0
22	2109 Missouri St	1	B	Yes		67.3	67.3	59.4	59.4	7.9	7.9	Yes	Yes	1	0
23	2122 Carolina St - GONE	0													
24	2130 Carolina St	1	B	Yes		69.8	69.8	60.7	60.7	9.1	9.1	Yes	Yes	1	1
25	2160 Carolina St	1	B	No		67	67	58.8	58.8	8.2	8.2	Yes	Yes	1	1
26	2175 Carolina St	1	B	Yes		73.2	73.2	62.8	62.8	10.4	10.4	Yes	Yes	1	1
27	East Polk St Park (Bball)	1	C	Yes		72.6	72.6	62.8	62.8	9.8	9.8	Yes	Yes	1	1
28	East Polk St Park (Playground)	1	C	Yes		68.7	68.7	60	60	8.7	8.7	Yes	Yes	1	1
29	East Pol St Park (Baseball)	1	C	Yes		69.4	69.4	60.4	60.4	9	9	Yes	Yes	1	1
30	2360 Dalrymple Dr	1	B	Yes		69.7	69.7	62	62	7.7	7.7	Yes	Yes	1	0
31	2424 Dalrymple Dr	1	B	Yes		66.5	66.5	62.2	62.2	4.3	4.3	Yes	No	0	0
32	1813 Georgia St	1	B	No	168	62.6	67.3	57.6	66.2	5	1.1	Yes	No	0	0
33	1815 Georgia St	1	B	No	193	62.3	62.4	57.8	58	4.5	4.4	No	No	0	0
34	1837 Georgia St - GONE	0													
35	1839 Georgia St	1	B	No		62.8	62.8	56.5	56.5	6.3	6.3	No	Yes	1	0
36	1841 Georgia St	1	B	No		62.4	62.4	57	57	5.4	5.4	No	Yes	1	0
37	1849 Georgia St	1	B	No		62.9	62.9	58.1	58.1	4.8	4.8	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
38	Calvary Third Bapt Ch (no ext use)	1	D	No		38.9	38.9	32.7	32.7	6.2	6.2	No	Yes	1	0
39	1937 Georgia St	1	B	No		63.3	63.3	56.5	56.5	6.8	6.8	No	Yes	1	0
40	1949 Georgia St	1	B	No		62.9	62.9	56.3	56.3	6.6	6.6	No	Yes	1	0
41	1955 Georgia St	1	B	No		62.9	62.9	56.1	56.1	6.8	6.8	No	Yes	1	0
42	1963 Georgia St	1	B	No		62.8	62.8	56	56	6.8	6.8	No	Yes	1	0
43	1967 Georgia St	1	B	No		62.5	62.5	55.6	55.6	6.9	6.9	No	Yes	1	0
44	1838 Georgia St	1	B	No		63.1	63.1	57	57	6.1	6.1	No	Yes	1	0
45	1850 Georgia St	1	B	No		63.1	63.1	56.8	56.8	6.3	6.3	No	Yes	1	0
46	1870 Georgia St	1	B	No		62.6	62.6	55.9	55.9	6.7	6.7	No	Yes	1	0
47	1904 Georgia St	1	B	No		62.2	62.2	55.4	55.4	6.8	6.8	No	Yes	1	0
48	1942 Georgia St	1	B	No		61.7	61.7	54.5	54.5	7.2	7.2	No	Yes	1	0
49	1950 Georgia St	1	B	No		61.5	61.5	54.3	54.3	7.2	7.2	No	Yes	1	0
50	1956 Georgia St	1	B	No		61.2	61.2	54.1	54.1	7.1	7.1	No	Yes	1	0
51	1923 Kentucky St	1	B	No		65.2	65.2	59.3	59.3	5.9	5.9	No	Yes	1	0
52	1939 Kentucky St	1	B	No		64.5	64.5	58.6	58.6	5.9	5.9	No	Yes	1	0
53	1943 Kentucky St	1	B	No		65.1	65.1	58.8	58.8	6.3	6.3	No	Yes	1	0
54	1955 Kentucky St	1	B	No		65.3	65.3	58.8	58.8	6.5	6.5	No	Yes	1	0
55	1965 Kentucky St	1	B	No		64.9	64.9	58.3	58.3	6.6	6.6	No	Yes	1	0
56	1973 Kentucky St - GONE	0													
57	1920 Kentucky St	1	B	No		64.9	64.9	58.3	58.3	6.6	6.6	No	Yes	1	0
58	1934 Kentucky St	1	B	No		64.9	64.9	58.2	58.2	6.7	6.7	No	Yes	1	0
59	1948 Kentucky St	1	B	No		63.9	63.9	57.3	57.3	6.6	6.6	No	Yes	1	0
60	942 E Harrison St	1	B	No		62.8	62.8	56.1	56.1	6.7	6.7	No	Yes	1	0
61	2010 Kentucky St	1	B	No		62.4	62.4	55.6	55.6	6.8	6.8	No	Yes	1	0
62	2018 Kentucky St	1	B	No		61.8	61.8	55.2	55.2	6.6	6.6	No	Yes	1	0
63	2026 Kentucky St - GONE	0													
64	2028 Kentucky St - GONE	0													
65	2009 Kentucky St	1	B	No		63.6	63.6	56.5	56.5	7.1	7.1	No	Yes	1	0
66	2033 Kentucky St	1	B	No		62.3	62.3	55.1	55.1	7.2	7.2	No	Yes	1	0
67	2039 Kentucky St	1	B	No		61.8	61.8	55.4	55.4	6.4	6.4	No	Yes	1	0
68	2055 Kentucky St	1	B	No		61.5	61.5	54.5	54.5	7	7	No	Yes	1	0
69	2002 Maryland St	1	B	No		66.1	66.1	58.6	58.6	7.5	7.5	Yes	Yes	1	0
70	2010 Maryland St - GONE	0													
71	2016 Maryland St	1	B	No		65.1	65.1	57.2	57.2	7.9	7.9	No	Yes	1	0
72	2028 Maryland St	1	B	No		64.5	64.5	56.7	56.7	7.8	7.8	No	Yes	1	0
73	2034 Maryland St	1	B	No		64.2	64.2	56.4	56.4	7.8	7.8	No	Yes	1	0
74	2042 Maryland St	1	B	No		63.9	63.9	56.1	56.1	7.8	7.8	No	Yes	1	0
75	2044 Maryland St	1	B	No		63.8	63.8	55.8	55.8	8	8	No	Yes	1	1
76	2054 Maryland St	1	B	No		63.3	63.3	55.5	55.5	7.8	7.8	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
77	2060 Maryland St	1	B	No		62.8	62.8	55	55	7.8	7.8	No	Yes	1	0
78	2112 Maryland St	1	B	No		62.6	62.6	54.8	54.8	7.8	7.8	No	Yes	1	0
79	1104 E Harrison St	1	B	No		67.3	67.3	59.7	59.7	7.6	7.6	Yes	Yes	1	0
80	1108 E Harrison St	1	B	No		68	68	60	60	8	8	Yes	Yes	1	1
81	2015 Maryland St	1	B	No		68.1	68.1	59.4	59.4	8.7	8.7	Yes	Yes	1	1
82	2025 Maryland St	1	B	No		67.7	67.7	58.7	58.7	9	9	Yes	Yes	1	1
83	2033 Maryland St	1	B	No		67.1	67.1	58.4	58.4	8.7	8.7	Yes	Yes	1	1
84	2039 Maryland St	1	B	No		66.9	66.9	58.4	58.4	8.5	8.5	Yes	Yes	1	1
85	2045 Maryland St	1	B	No		66.6	66.6	58.3	58.3	8.3	8.3	Yes	Yes	1	1
86	2103 Maryland St	1	B	No		65.7	65.7	57.3	57.3	8.4	8.4	No	Yes	1	1
87	2121 Maryland St	1	B	No		65.3	65.3	57	57	8.3	8.3	No	Yes	1	1
88	2135 Maryland St	1	B	No		65.1	65.1	56.8	56.8	8.3	8.3	No	Yes	1	1
89	2147 Maryland St	1	B	No		64.8	64.8	56.3	56.3	8.5	8.5	No	Yes	1	1
90	2036 Virginia St	1	B	No		68.9	68.9	60.4	60.4	8.5	8.5	Yes	Yes	1	1
91	2056 Virginia St - GONE	0													
92	2072 Virginia St	1	B	No		68.5	68.5	59.4	59.4	9.1	9.1	Yes	Yes	1	1
93	2076 Virginia St	1	B	No		66.3	66.3	57.7	57.7	8.6	8.6	Yes	Yes	1	1
94	2110 Virginia St	1	B	No		65.7	65.7	57	57	8.7	8.7	No	Yes	1	1
95	2120 Virginia St	1	B	No		65.9	65.9	57.5	57.5	8.4	8.4	No	Yes	1	1
96	2140 Virginia St	1	B	No		65.3	65.3	57.6	57.6	7.7	7.7	No	Yes	1	0
97	2164 Virginia St	1	B	No		64.7	64.7	56.6	56.6	8.1	8.1	No	Yes	1	1
98	2174 Virginia St	1	B	No		64.5	64.5	56.4	56.4	8.1	8.1	No	Yes	1	1
99	2079 Virginia St	1	B	No		66.3	66.3	59	59	7.3	7.3	Yes	Yes	1	0
100	2085 Virginia St	1	B	No		65.3	65.3	57.6	57.6	7.7	7.7	No	Yes	1	0
101	2111 Virginia St	1	B	No		64.7	64.7	57.1	57.1	7.6	7.6	No	Yes	1	0
102	2115 Virginia St	1	B	No		63.8	63.8	56.4	56.4	7.4	7.4	No	Yes	1	0
103	2129 Virginia St	1	B	No		63.2	63.2	55.9	55.9	7.3	7.3	No	Yes	1	0
104	2149 Virginia St	1	B	No		62	62	55	55	7	7	No	Yes	1	0
105	2136 Missouri St	1	B	No		64.9	64.9	57.1	57.1	7.8	7.8	No	Yes	1	0
106	2148 Missouri St	1	B	No		63.8	63.8	56.5	56.5	7.3	7.3	No	Yes	1	0
107	2178 Missouri St - GONE	0													
108	2186 Missouri St - GONE	0													
109	1157 E Polk St	1	B	No		60.7	60.7	54.5	54.5	6.2	6.2	No	Yes	1	0
110	1158 E Polk St	1	B	No		59.3	59.3	53.7	53.7	5.6	5.6	No	Yes	1	0
111	1156 E Polk St	1	B	No		58.9	58.9	53.8	53.8	5.1	5.1	No	Yes	1	0
112	2135 Missouri St	1	B	No		65.2	65.2	58.3	58.3	6.9	6.9	No	Yes	1	0
113	2161 Missouri St	1	B	No		63.6	63.6	56.8	56.8	6.8	6.8	No	Yes	1	0
114	2173 Missouri St	1	B	No		63.3	63.3	56.6	56.6	6.7	6.7	No	Yes	1	0
115	1209 E Polk St	1	B	No		61.6	61.6	55.4	55.4	6.2	6.2	No	Yes	1	0
116	1211 E Polk St	1	B	No		62.2	62.2	55.8	55.8	6.4	6.4	No	Yes	1	0

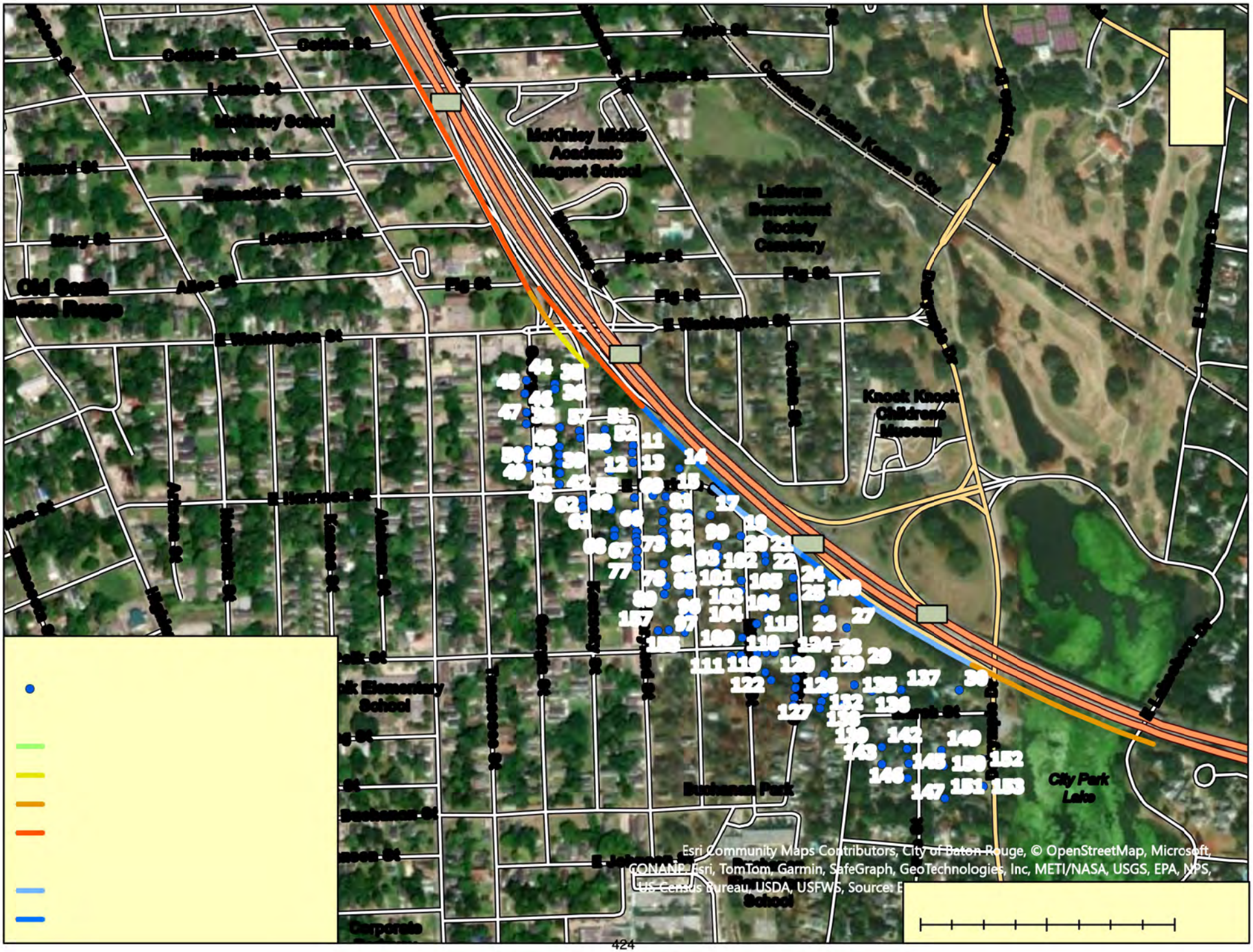
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
117	1221 E Polk St	1	B	No		62.3	62.3	56.3	56.3	6	6	No	Yes	1	0
118	1206 E Polk St	1	B	No		59.3	59.3	53.8	53.8	5.5	5.5	No	Yes	1	0
119	1210 E Polk St	1	B	No		59.1	59.1	53.9	53.9	5.2	5.2	No	Yes	1	0
120	1212 E Polk St	1	B	No		58.9	58.9	53.9	53.9	5	5	No	Yes	1	0
121	2201 Missouri St	1	B	No		58.4	58.4	52.1	52.1	6.3	6.3	No	Yes	1	0
122	2221 Missouri St	1	B	No		58.5	58.5	52	52	6.5	6.5	No	Yes	1	0
123	1229 E Polk St	1	B	No		65	65	57.9	57.9	7.1	7.1	No	Yes	1	0
124	1236 E Polk St	1	B	No		62.4	62.4	56	56	6.4	6.4	No	Yes	1	0
125	2236 Carolina St	1	B	No		59.7	59.7	53.3	53.3	6.4	6.4	No	Yes	1	0
126	2266 Carolina St	1	B	No		57.9	57.9	52	52	5.9	5.9	No	Yes	1	0
127	2270 Carolina St	1	B	No		56.9	56.9	51.2	51.2	5.7	5.7	No	Yes	1	0
128	2282 Carolina St	1	B	No		55.7	55.7	50.7	50.7	5	5	No	Yes	1	0
129	2245 Carolina St	1	B	No		64.5	64.5	58	58	6.5	6.5	No	Yes	1	0
130	2249 Carolina St	1	B	No		63.5	63.5	56.9	56.9	6.6	6.6	No	Yes	1	0
131	2265 Carolina St	1	B	No		62.3	62.3	56.1	56.1	6.2	6.2	No	Yes	1	0
132	2269 Carolina St	1	B	No		61.2	61.2	55.5	55.5	5.7	5.7	No	Yes	1	0
133	2273 Carolina St	1	B	No		60	60	54.6	54.6	5.4	5.4	No	Yes	1	0
134	2289 Carolina St	1	B	No		58.3	58.3	54.5	54.5	3.8	3.8	No	No	0	0
135	1705 March St	1	B	No		64.9	64.9	58.5	58.5	6.4	6.4	No	Yes	1	0
136	1735 March St	1	B	No		66.5	66.5	58.7	58.7	7.8	7.8	Yes	Yes	1	0
137	1775 March St	1	B	No		67.3	67.3	59.5	59.5	7.8	7.8	Yes	Yes	1	0
138	2408 July St	1	B	No		62.5	62.5	56.8	56.8	5.7	5.7	No	Yes	1	0
139	2412 July St	1	B	No		59.9	59.9	54.9	54.9	5	5	No	Yes	1	0
140	2430 July St	1	B	No		61.3	61.3	58.3	58.3	3	3	No	No	0	0
141	2407 July St	1	B	No		64.4	64.4	61.8	61.8	2.6	2.6	No	No	0	0
142	2425 July St	1	B	No		60	60	54.4	54.4	5.6	5.6	No	Yes	1	0
143	2437 July St	1	B	No		59.2	59.2	53.2	53.2	6	6	No	Yes	1	0
144	2406 June St	1	B	No		64.5	64.5	60.9	60.9	3.6	3.6	No	No	0	0
145	2416 June St	1	B	No		61.9	61.9	56.1	56.1	5.8	5.8	No	Yes	1	0
146	2434 June St	1	B	No		59.8	59.8	53.5	53.5	6.3	6.3	No	Yes	1	0
147	2446 June St	1	B	No		58.3	58.3	52.3	52.3	6	6	No	Yes	1	0
148	2405 June St	1	B	No		65.4	65.4	61.9	61.9	3.5	3.5	No	No	0	0
149	2425 June St	1	B	No		61.4	61.4	55.6	55.6	5.8	5.8	No	Yes	1	0
150	2435 June St	1	B	No		61.3	61.3	55.3	55.3	6	6	No	Yes	1	0
151	2519 June St	1	B	No		60.1	60.1	53.7	53.7	6.4	6.4	No	Yes	1	0
152	2502 Dalrymple Dr	1	B	No		64.8	64.8	59.6	59.6	5.2	5.2	No	Yes	1	0
153	2436 Dalrymple Dr	1	B	No		63.7	63.7	58.7	58.7	5	5	No	Yes	1	0
154	2528 Dalrymple Dr	1	B	No		62	62	57.5	57.5	4.5	4.5	No	No	0	0
155	1055 E Polk St	1	B	No		63.5	63.5	55.7	55.7	7.8	7.8	No	Yes	1	0
156	1015-1017 E Polk	2	B	No		62.9	62.9	54.6	54.6	8.3	8.3	No	Yes	2	2

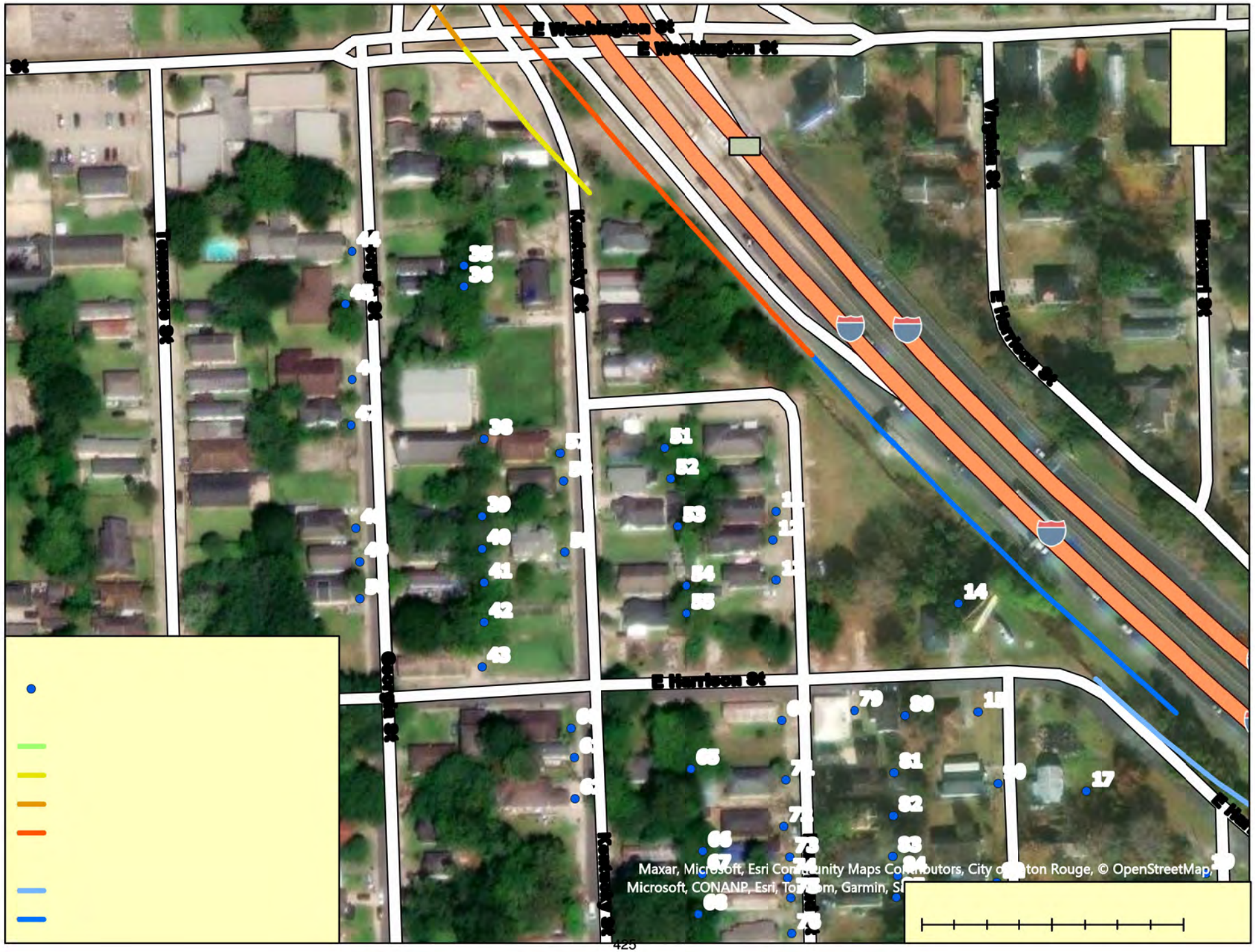
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
157	1005 E Polk	1	B	No		61.8	61.8	54	54	7.8	7.8	No	Yes	1	0
158	1855 Kentucky St	1	B	Yes	70	68	72.7	62.1	71.4	5.9	1.3	Yes	No	0	0
159	1807 Georgia St	1	B	Yes	141	65.8	69.2	62.2	67.9	3.6	1.3	Yes	No	0	0
160	2165 Carolina St	1	B	Yes		74.6	74.6	63.7	63.7	10.9	10.9	Yes	Yes	1	1
														Total	Total
														128	27

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB2_Abatement (261-270)	1604	101	12	1212	$58	$70,296	$634,752
EB2_Abatement (261-270)	1605	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1606	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1607	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1608	202	12	2424	$58	$140,592	
EB2_Abatement (1246-261)	1537	100	15	1500	$71	$106,500	$1,586,992
EB2_Abatement (1246-261)	1538	220	15	3300	$71	$234,300	
EB2_Abatement (1246-261)	1539	203	15	3045	$71	$216,195	
EB2_Abatement (1246-261)	1540	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1541	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1542	198	15	2970	$71	$210,870	
EB2_Abatement (1246-261)	1543	208	15	3120	$71	$221,520	
EB2_Abatement (1246-261)	1544	101	15	1515	$71	$107,565	
EB2_Abatement (242-248)	1532	198	17	3366	$71	$238,986	$708,509
EB2_Abatement (242-248)	1533	206	17	3502	$71	$248,642	
EB2_Abatement (242-248)	1534	183	17	3111	$71	$220,881	
EB1_Abatement_(235-242)	1780	206	14	2884	$58	$167,272	$579,768
EB1_Abatement_(235-242)	1781	102	14	1428	$58	$82,824	
EB1_Abatement_(235-242)	1782	202	14	2828	$58	$164,024	
EB1_Abatement_(235-242)	1784	204	14	2856	$58	$165,648	
EB1_Abatement_(220-1242)	1518	101	14	1414	$58	$82,012	$1,494,080
EB1_Abatement_(220-1242)	1519	100	14	1400	$58	$81,200	
EB1_Abatement_(220-1242)	1520	201	14	2814	$58	$163,212	
EB1_Abatement_(220-1242)	1521	200	14	2800	$58	$162,400	
EB1_Abatement_(220-1242)	1522	299	14	4186	$58	$242,788	
EB1_Abatement_(220-1242)	1523	203	14	2842	$58	$164,836	
EB1_Abatement_(220-1242)	1524	99	14	1386	$58	$80,388	
EB1_Abatement_(220-1242)	1525	101	14	1414	$58	$82,012	
EB1_Abatement_(220-1242)	1526	206	14	2884	$58	$167,272	
EB1_Abatement_(220-1242)	1527	101	12	1212	$58	$70,296	
EB1_Abatement_(220-1242)	1528	104	12	1248	$58	$72,384	
EB1_Abatement_(220-1242)	1529	116	10	1160	$58	$67,280	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abatement_(220-1242)	1761	100	10	1000	$58	$58,000	
EB1_Abatement_(220-1242)	1762	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1763	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1764	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1765	39	0	0	$58	$0	
							Total
							$5,004,101

# of 1st Row Impacted Receptors	23
# of 1st Row Impacted Receptors & Benefitted	11
Percent of 1st Row Impacted Receptors Benefit	48%
Feasible?	No
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	128
Total Cost	$5,004,101
Total Cost per Benefitted Receptors	$39,094.54
Meets Cost Effectiveness Goal?	Yes
Potentially Reasonable?	Yes


McKinley School
McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Knock Knock Children's Museum
Bushman Park
City Park Lake
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, GONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Source: E


E Washington St
E Harrison St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, SI


E Harrison St
E Polk St
East Polk St Park
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin,


East Polk Street Park
E Polk St
March St
March St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, Sa

Appendix I-3

WB2 All Barriers

WB2 NSA All Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1205 Fig St	1	B	Yes	155	67.7	69.8	60.4	66.8	7.3	3	Yes	No	0	0
2	1134 Pear St	1	B	Yes	126	67.6	70.1	60.7	67.5	6.9	2.6	Yes	No	0	0
3	1120 Pear St	1	B	Yes	107	67.7	70.7	61.1	68.6	6.6	2.1	Yes	No	0	0
4	1185 Pear St	1	B	Yes	112	68.9	71.3	62.2	68.7	6.7	2.6	Yes	No	0	0
5	Mckinley Middle Classroom Ext (West)	1	D	Yes	137	42.8	48.1	35.6	46.9	7.2	1.2	No	No	0	0
6	McKinley Middle Classroom Ext (North)	1	D	Yes	179	39.7	46.1	33.1	45.3	6.6	0.8	No	No	0	0
7	1103 Louise St	1	B	Yes	30	66.8	74.2	63.7	73.7	3.1	0.5	Yes	No	0	0
8	1117 Louise St - GONE	0													
9	1125 Hickory St	1	B	Yes	138	68	70.3	61.3	67.7	6.7	2.6	Yes	No	0	0
10	1117 Pecan St	1	B	Yes	71	68.5	72.9	63.3	71.6	5.2	1.3	Yes	No	0	0
11	1120 Swart St - GONE	0													
12	1349 McCalop St - GONE	0													
13	1138 Terrace St	1	B	Yes	48	67.8	74.3	64.7	73.9	3.1	0.4	Yes	No	0	0
14	1123 Terrace St	1	B	Yes	26	67.5	74.3	64.5	73.8	3	0.5	Yes	No	0	0
15	1108 Julia St	1	B	Yes	44	69.2	74.7	65.2	73.9	4	0.8	Yes	No	0	0
16	St Francis Xavier Ch (courtyard)	1	C	Yes	43	69.1	74.7	64.7	73.8	4.4	0.9	Yes	No	0	0
17	St Francis Xavier Ch (West)	1	D	Yes	48	44.7	51.1	39.9	50.4	4.8	0.7	Yes	No	0	0
18	1107 Myrtle St	1	B	Yes	86	68.5	71.8	62.4	70	6.1	1.8	Yes	No	0	0
19	927 S 11th St	1	B	Yes	50	68.5	72.9	62.2	71.5	6.3	1.4	Yes	No	0	0
20	1118 South St	1	B	Yes	112	67.6	70.6	61	68.6	6.6	2	Yes	No	0	0
21	1073 South St	1	B	Yes	19	69.3	78	62.5	77.6	6.8	0.4	Yes	No	0	0
22	846 S 12th St	1	B	Yes	155	68.2	70.1	60.7	66.8	7.5	3.3	Yes	No	0	0
23	824 S 12th St	1	B	Yes	165	67.7	69.8	60.4	66.7	7.3	3.1	Yes	No	0	0
24	810 S 12th St	1	B	Yes	155	67.4	69.6	60.3	66.7	7.1	2.9	Yes	No	0	0
25	1084 Mayflower St	1	B	Yes	53	67.1	72.4	61.4	71.3	5.7	1.1	Yes	No	0	0
26	714 S 12th St	1	B	Yes		66	66	58.5	58.5	7.5	7.5	Yes	Yes	1	0
27	702 S 12th St	1	B	Yes		66.4	66.4	57.8	57.8	8.6	8.6	Yes	Yes	1	1
28	Non-profits Buildings	1	D	Yes		41.2	41.2	32.2	32.2	9	9	No	Yes	1	1
29	1223 E Washington St - GONE	0													
30	1229 E Washington St	1	B	Yes		66.5	66.5	59.2	59.2	7.3	7.3	Yes	Yes	1	0
31	1235 E Washington St	1	B	No		65.7	65.7	58.4	58.4	7.3	7.3	No	Yes	1	0
32	1237 E Washington St	1	B	No		65.6	65.6	58.1	58.1	7.5	7.5	No	Yes	1	0
33	1303 E Washington St	1	B	No		65.2	65.2	57.7	57.7	7.5	7.5	No	Yes	1	0
34	1305 E Washington St - GONE	0													
35	1319 E Washington St	1	B	No		64.4	64.4	56.8	56.8	7.6	7.6	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
36	1321 E Washington St	1	B	No		63.8	63.8	56.4	56.4	7.4	7.4	No	Yes	1	0
37	1325 E Washington St - GONE	0													
38	1327 E Washington St	1	B	No		62.8	62.8	56.1	56.1	6.7	6.7	No	Yes	1	0
39	1211 Fig St	1	B	No		66.3	66.3	59.2	59.2	7.1	7.1	Yes	Yes	1	0
40	1237 Fig St - GONE	0													
41	1249 Fig St - GONE	0													
42	1263 Fig St - GONE	0													
43	1774 Eddie Robinson Sr Dr	1	B	No		64.2	64.2	56.6	56.6	7.6	7.6	No	Yes	1	0
44	1768 Eddie Robinson Sr Dr	1	B	No		64	64	56.6	56.6	7.4	7.4	No	Yes	1	0
45	1762 Eddie Robinson Sr Dr	1	B	No		64.1	64.1	56.4	56.4	7.7	7.7	No	Yes	1	0
46	1740 Eddie Robinson Sr Dr	1	B	No		62.5	62.5	55.2	55.2	7.3	7.3	No	Yes	1	0
47	1258 Pear St	1	B	No		66.5	66.5	58.6	58.6	7.9	7.9	Yes	Yes	1	0
48	1280 Pear St	1	B	No		64.8	64.8	56.9	56.9	7.9	7.9	No	Yes	1	0
49	1338 Pear St (Duplex)	2	B	No		64	64	56.1	56.1	7.9	7.9	No	Yes	2	0
50	1344 Pear St (Duplex)	2	B	No		63.6	63.6	55.8	55.8	7.8	7.8	No	Yes	2	0
51	1173 Pear St	1	B	No	148	66.9	69.7	59.5	67.3	7.4	2.4	Yes	No	0	0
52	1217 Pear St	1	B	No		65.7	65.7	59.2	59.2	6.5	6.5	No	Yes	1	0
53	1225 Pear St - GONE	0													
54	Brooks Park (Pool)	1	C	No		64.3	64.3	56.2	56.2	8.1	8.1	No	Yes	1	1
55	Brooks Park (Playground)	1	C	No		64.6	64.6	56.6	56.6	8	8	No	Yes	1	1
56	1123 Louise St	1	B	No	130	67.5	70.1	61.3	67.7	6.2	2.4	Yes	No	0	0
57	McKnowen MBapt Church (no ext use)	1	D	No		40.4	40.4	34.1	34.1	6.3	6.3	No	Yes	1	0
58	1265 Louise St	1	B	No		61	61	54.5	54.5	6.5	6.5	No	Yes	1	0
59	1137 Hickory St	1	B	No		63	63	57.4	57.4	5.6	5.6	No	Yes	1	0
60	1203 Hickory St	1	B	No		65.4	65.4	58.7	58.7	6.7	6.7	No	Yes	1	0
61	1255 Hickory St	1	B	No		62.1	62.1	57	57	5.1	5.1	No	Yes	1	0
62	1129 Pecan St - GONE	0													
63	1128 Swart St - GONE	0													
64	1132 Swart St	1	B	Yes	162	64.7	68.2	60	60	4.7	8.2	Yes	Yes	1	1
65	1138 Swart St	1	B	No		64.1	64.1	59.6	59.6	4.5	4.5	No	No	0	0
66	1158 Swart St	1	B	No		64.6	64.6	58.8	58.8	5.8	5.8	No	Yes	1	0
67	1408 Swart St	1	B	No		63.2	63.2	56.4	56.4	6.8	6.8	No	Yes	1	0
68	1145 Swart St	1	B	Yes		67.4	67.4	61.8	61.8	5.6	5.6	Yes	Yes	1	0
69	1163 Swart St	1	B	No		66.9	66.9	61.2	61.2	5.7	5.7	Yes	Yes	1	0
70	1181 Swart St	1	B	No		64.6	64.6	59.2	59.2	5.4	5.4	No	Yes	1	0
71	1249 Swart St	1	B	No		64.9	64.9	58.7	58.7	6.2	6.2	No	Yes	1	0
72	1265 Swart St	1	B	No		63.8	63.8	56.8	56.8	7	7	No	Yes	1	0
73	1150 Terrace St (Apts 1st floor)	2	B	No	104	67.1	70.4	62.1	68.8	5	1.6	Yes	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
74	1150 Terrace St (Apts 2nd floor)	2	B	No	106	70.2	72.2	64.2	69.3	6	2.9	Yes	No	0	0
75	New Prospect MBapt Church (no ext)	1	D	No		41.3	41.3	35.8	35.8	5.5	5.5	No	Yes	1	0
76	1125 Terrace St	1	B	No	103	67.4	70.6	62.4	68.8	5	1.8	Yes	No	0	0
77	St Francis Xavier Early Child Dev (playground)	1	C	No		67.4	67.4	62	62	5.4	5.4	Yes	Yes	1	0
78	1209 Terrace St	1	B	No		65.3	65.3	59.9	59.9	5.4	5.4	No	Yes	1	0
79	1217 Terrace St	1	B	No		64.9	64.9	59.4	59.4	5.5	5.5	No	Yes	1	0
80	1223 Terrace St	1	B	No		64.7	64.7	59.1	59.1	5.6	5.6	No	Yes	1	0
81	1225 Terrace St	1	B	No		64.3	64.3	58.5	58.5	5.8	5.8	No	Yes	1	0
82	1233 Terrace St	1	B	No		63.9	63.9	58.1	58.1	5.8	5.8	No	Yes	1	0
83	1235 Terrace St	1	B	No		63.1	63.1	57.6	57.6	5.5	5.5	No	Yes	1	0
84	1232 S 12th St	1	B	No	200	67.5	67.5	62.2	62.3	5.3	5.2	Yes	Yes	1	0
85	1226 S 12th St	1	B	No		67.2	67.2	61.9	61.9	5.3	5.3	Yes	Yes	1	0
86	1245 S 12th St	1	B	No		65.3	65.3	59.9	59.9	5.4	5.4	No	Yes	1	0
87	1237 S 12th St	1	B	No		64.8	64.8	59.6	59.6	5.2	5.2	No	Yes	1	0
88	1112 Julia St	1	B	No		68.1	68.1	63.7	63.7	4.4	4.4	Yes	No	0	0
89	St Francis Xavier Child Care Ctr (playground)	1	C	No		67.5	67.5	62.7	62.7	4.8	4.8	Yes	No	0	0
90	St Francis Xavier Child Care Ctr (ext)	1	D	No		41.2	41.2	36.3	36.3	4.9	4.9	No	No	0	0
91	1208 Julia St	1	B	No		63	63	58.1	58.1	4.9	4.9	No	No	0	0
92	1214 Julia St	1	B	No		62.2	62.2	57.3	57.3	4.9	4.9	No	No	0	0
93	1219 Julia St	1	B	No		61.7	61.7	56.8	56.8	4.9	4.9	No	No	0	0
94	1227 Julia St	1	B	No		61.9	61.9	56.9	56.9	5	5	No	Yes	1	0
95	1202 Myrtle St - GONE	0					0		0	0	0				0
96	1214 Myrtle St	1	B	No		60.7	60.7	56	56	4.7	4.7	No	No	0	0
97	1220 Myrtle St	1	B	No		61.3	61.3	56.4	56.4	4.9	4.9	No	No	0	0
98	1222 Myrtle St	1	B	No		61.2	61.2	56.7	56.7	4.5	4.5	No	No	0	0
99	1109 Myrtle St	1	B	No	125	67.1	69.8	61.6	67.7	5.5	2.1	Yes	No	0	0
100	1113 Myrtle St	1	B	No	155	66.3	69	61	66.9	5.3	2.1	Yes	No	0	0
101	1209 Myrtle St	1	B	No		61.9	61.9	56.9	56.9	5	5	No	Yes	1	0
102	1225 Myrtle St	1	B	No		58.3	58.3	53.9	53.9	4.4	4.4	No	No	0	0
103	1227 Myrtle St	1	B	No		59.2	59.2	55	55	4.2	4.2	No	No	0	0
104	968 S 12th St	1	B	No		64.2	64.2	59.3	59.3	4.9	4.9	No	No	0	0
105	966 S 12th St	1	B	No		64.1	64.1	59.2	59.2	4.9	4.9	No	No	0	0
106	962 S 12th St	1	B	No		63.2	63.2	58.4	58.4	4.8	4.8	No	No	0	0
107	954 S 12th St	1	B	No		62.3	62.3	57.3	57.3	5	5	No	Yes	1	0
108	946 S 12th St	1	B	No		62.3	62.3	56.5	56.5	5.8	5.8	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
109	932 S 12th St	1	B	No		63.8	63.8	56.9	56.9	6.9	6.9	No	Yes	1	0
110	951 S 12th St	1	B	No		63.3	63.3	58.3	58.3	5	5	No	Yes	1	0
111	945 S 12th St	1	B	No		63.2	63.2	57.8	57.8	5.4	5.4	No	Yes	1	0
112	917 S 12th St	1	B	No		63.2	63.2	58	58	5.2	5.2	No	Yes	1	0
113	915 S 12th St	1	B	No		63.1	63.1	57.9	57.9	5.2	5.2	No	Yes	1	0
114	911 S 12th St	1	B	No		63.2	63.2	58.2	58.2	5	5	No	Yes	1	0
115	1128 South St	1	B	No		65.9	65.9	59.5	59.5	6.4	6.4	No	Yes	1	0
116	1134 South St	1	B	No		66.1	66.1	59.7	59.7	6.4	6.4	Yes	Yes	1	0
117	1146 South St	1	B	No		64.5	64.5	58.2	58.2	6.3	6.3	No	Yes	1	0
118	1202 South St	1	B	No		63.2	63.2	58.1	58.1	5.1	5.1	No	Yes	1	0
119	1204 South St - GONE	0													
120	1208 South St	1	B	No		59.7	59.7	55.1	55.1	4.6	4.6	No	No	0	0
121	1121 South St	1	B	No		64.7	64.7	58.9	58.9	5.8	5.8	No	Yes	1	0
122	1131 South St	1	B	No		62.3	62.3	57.6	57.6	4.7	4.7	No	No	0	0
123	1211 South St	1	B	No		60.4	60.4	56.3	56.3	4.1	4.1	No	No	0	0
124	804 S 12th St	1	B	No		66.8	66.8	59.3	59.3	7.5	7.5	Yes	Yes	1	0
125	744 S 12th St	1	B	No		66.2	66.2	58.6	58.6	7.6	7.6	Yes	Yes	1	0
126	839 S 12th St	1	B	No		65.1	65.1	59	59	6.1	6.1	No	Yes	1	0
127	823 S 12th St	1	B	No		65	65	58.8	58.8	6.2	6.2	No	Yes	1	0
128	763 S 12th St	1	B	No		63.4	63.4	57.5	57.5	5.9	5.9	No	Yes	1	0
129	721 S 12th St	1	B	No		63.3	63.3	57.2	57.2	6.1	6.1	No	Yes	1	0
130	703 S 12th St	1	B	No		63.8	63.8	57.3	57.3	6.5	6.5	No	Yes	1	0
131	870 Peach St	1	B	No		62.7	62.7	57.1	57.1	5.6	5.6	No	Yes	1	0
132	842 Peach St	1	B	No		62.5	62.5	57	57	5.5	5.5	No	Yes	1	0
133	826 Peach St	1	B	No		62.2	62.2	56.4	56.4	5.8	5.8	No	Yes	1	0
134	712 Peach St	1	B	No		61	61	55.2	55.2	5.8	5.8	No	Yes	1	0
135	706 Peach St	1	B	No		60.7	60.7	55	55	5.7	5.7	No	Yes	1	0
136	702 Peach St	1	B	No		58.9	58.9	53.3	53.3	5.6	5.6	No	Yes	1	0
137	871 Peach St	1	B	No		59.7	59.7	54.3	54.3	5.4	5.4	No	Yes	1	0
138	833 Peach St	1	B	No		60.8	60.8	55.6	55.6	5.2	5.2	No	Yes	1	0
139	807 Peach St	1	B	No		61.1	61.1	55.7	55.7	5.4	5.4	No	Yes	1	0
140	805 Peach St	1	B	No		61.1	61.1	55.8	55.8	5.3	5.3	No	Yes	1	0
141	803 Peach St	1	B	No		60.8	60.8	55.7	55.7	5.1	5.1	No	Yes	1	0
142	711 Peach St	1	B	No		60.1	60.1	55.3	55.3	4.8	4.8	No	No	0	0
143	701 Peach St	1	B	No		58.9	58.9	54	54	4.9	4.9	No	No	0	0
144	860 Eddie Robinson Sr Dr	1	B	No		60.2	60.2	55.6	55.6	4.6	4.6	No	No	0	0
145	850 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	55.5	55.5	4.6	4.6	No	No	0	0
146	848 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	55.4	55.4	4.9	4.9	No	No	0	0
147	844 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	55.5	55.5	4.9	4.9	No	No	0	0
148	834 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	55.5	55.5	4.8	4.8	No	No	0	0

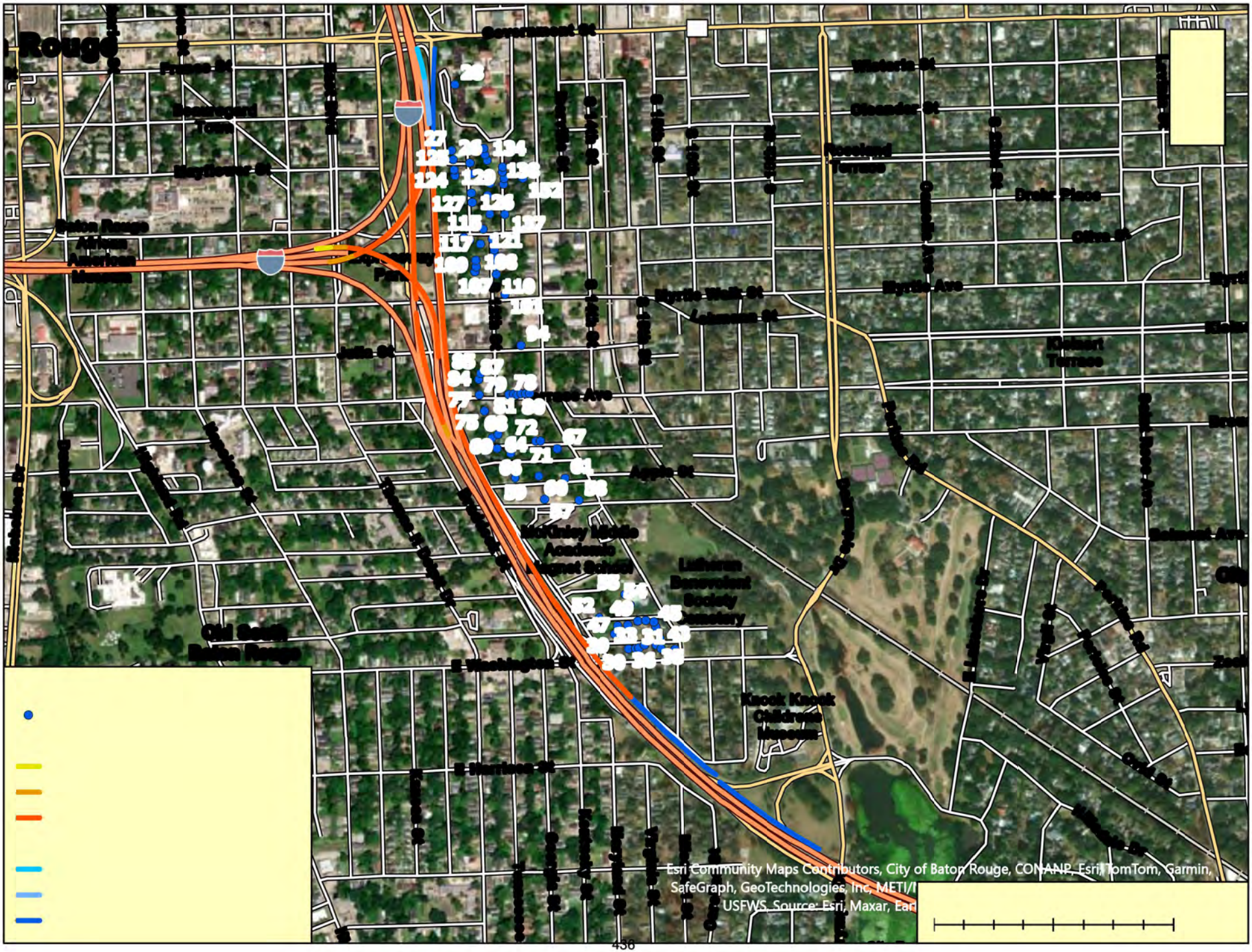
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
149	828 Eddie Robinson Sr Dr - GONE	0													
150	826 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	55.6	55.6	4.8	4.8	No	No	0	0
151	824 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	55.2	55.2	4.9	4.9	No	No	0	0
152	810 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	55.1	55.1	5	5	No	Yes	1	0
153	722 Eddie Robinson Sr Dr	1	B	No		59.9	59.9	55.1	55.1	4.8	4.8	No	No	0	0
154	714 Eddie Robinson Sr Dr	1	B	No		59.6	59.6	54.8	54.8	4.8	4.8	No	No	0	0
155	706 Eddie Robinson Sr Dr	1	B	No		58.3	58.3	53.8	53.8	4.5	4.5	No	No	0	0
156	702 Eddie Robinson Sr Dr - GONE	0													
157	640 Eddie Robinson Sr Dr	1	B	No		57.8	57.8	53.3	53.3	4.5	4.5	No	No	0	0
158	638 Eddie Robinson Sr Dr	2	B	No		57.8	57.8	53.3	53.3	4.5	4.5	No	No	0	0
159	632 Eddie Robinson Sr Dr - GONE	0													
160	626 Eddie Robinson Sr Dr - GONE	0													
161	614 Eddie Robinson Sr Dr	1	B	No		56.3	56.3	52.4	52.4	3.9	3.9	No	No	0	0
162	590 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	47.3	47.3	2.8	2.8	No	No	0	0
163	576 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	47	47	3.1	3.1	No	No	0	0
164	564 Eddie Robinson Sr Dr	1	B	No		51	51	48.4	48.4	2.6	2.6	No	No	0	0
165	Expressway Park (Football)	1	C	No	40	68.9	74.7	66.1	74	2.8	0.7	Yes	No	0	0
166	Expressway Park (BBall)	1	C	No	40	67.9	74.4	66.5	74.1	1.4	0.3	Yes	No	0	0
167	Expressway Park (Picnic Shelter)	1	C	No	45	68.2	74.5	67.9	74.4	0.3	0.1	Yes	No	0	0
168	Expressway Park (playground)	1	C	No	40	67.8	74.4	67.5	74.3	0.3	0.1	Yes	No	0	0
														Total	Total
														83	5

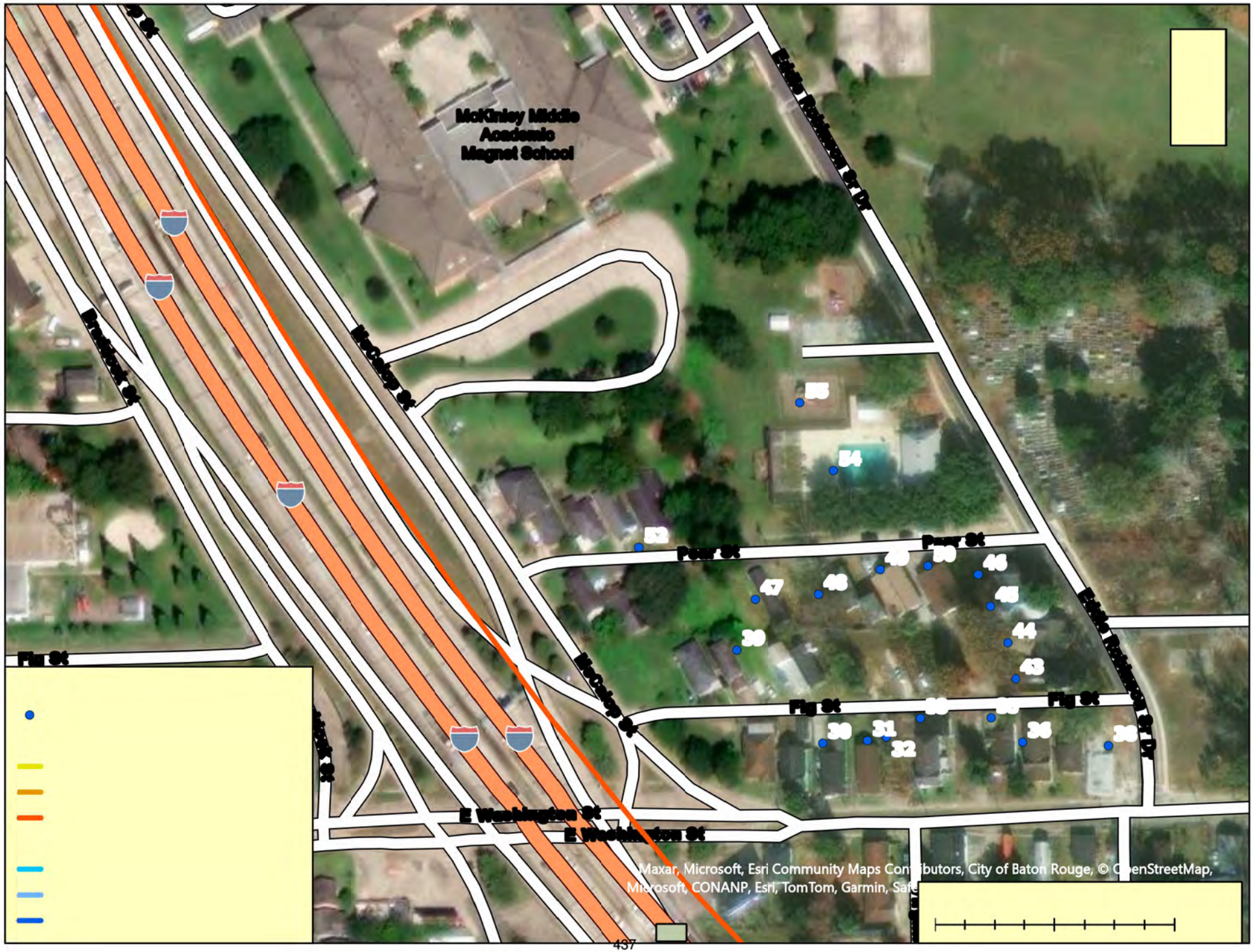
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_Abatement (199 - 191)	1634	200	17	3400	$71	$241,400	$977,670
WB2_Abatement (199 - 191)	1635	201	17	3417	$71	$242,607	
WB2_Abatement (199 - 191)	1636	199	17	3383	$71	$240,193	
WB2_Abatement (199 - 191)	1637	210	17	3570	$71	$253,470	
WB2_ (196+35 - 191)	1600	134	15	2010	$71	$142,710	$553,516
WB2_ (196+35 - 191)	1601	202	15	3030	$71	$215,130	
WB2_ (196+35 - 191)	1602	212	13	2756	$71	$195,676	
I-10eb to I-110nb (outer)	1641	201	0	0	$58	$0	$979,040
I-10eb to I-110nb (outer)	1642	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1643	101	12	1212	$58	$70,296	

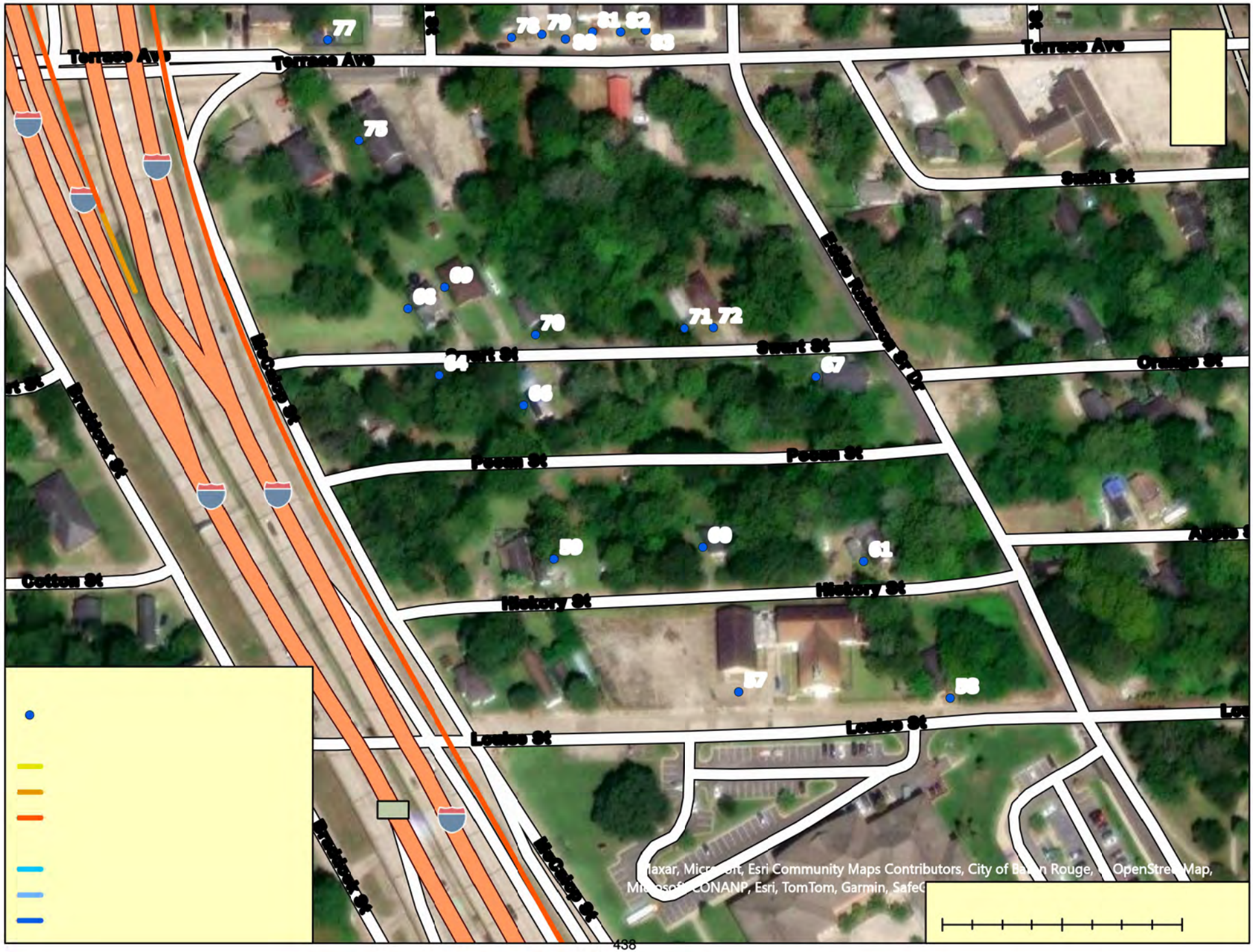
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
I-10eb to I-110nb (outer)	1644	101	12	1212	$58	$70,296	
I-10eb to I-110nb (outer)	1645	100	14	1400	$58	$81,200	
I-10eb to I-110nb (outer)	1646	101	14	1414	$58	$82,012	
I-10eb to I-110nb (outer)	1647	100	14	1400	$58	$81,200	
I-10eb to I-110nb (outer)	1648	100	14	1400	$58	$81,200	
I-10eb to I-110nb (outer)	1649	101	14	1414	$58	$82,012	
I-10eb to I-110nb (outer)	1650	100	14	1400	$58	$81,200	
I-10eb to I-110nb (outer)	1651	101	14	1414	$58	$82,012	
I-10eb to I-110nb (outer)	1652	101	14	1414	$58	$82,012	
I-10eb to I-110nb (outer)	1653	100	14	1400	$58	$81,200	
I-10eb to I-110nb (outer)	1654	150	12	1800	$58	$104,400	
I110sb to I10eb (inner)	1709	100	14	1400	$58	$81,200	$723,492
I110sb to I10eb (inner)	1710	200	14	2800	$58	$162,400	
I110sb to I10eb (inner)	1711	200	14	2800	$58	$162,400	
I110sb to I10eb (inner)	1712	199	14	2786	$58	$161,588	
I110sb to I10eb (inner)	1713	192	14	2688	$58	$155,904	
I110sb to I10eb (inner)-2	1756	124	14	1736	$58	$100,688	$727,320
I110sb to I10eb (inner)-2	1715	199	14	2786	$58	$161,588	
I110sb to I10eb (inner)-2	1716	203	14	2842	$58	$164,836	
I110sb to I10eb (inner)-2	1717	180	14	2520	$58	$146,160	
I110sb to I10eb (inner)-2	1718	104	14	1456	$58	$84,448	
I110sb to I10eb (inner)-2	1719	100	12	1200	$58	$69,600	
I10nb to I10wb (outer)	1691	204	14	2856	$58	$165,648	$1,070,912
I10nb to I10wb (outer)	1692	111	14	1554	$58	$90,132	
I10nb to I10wb (outer)	1693	105	14	1470	$58	$85,260	
I10nb to I10wb (outer)	1694	108	14	1512	$58	$87,696	
I10nb to I10wb (outer)	1695	103	14	1442	$58	$83,636	
I10nb to I10wb (outer)	1696	108	14	1512	$58	$87,696	
I10nb to I10wb (outer)	1697	104	14	1456	$58	$84,448	
I10nb to I10wb (outer)	1698	105	14	1470	$58	$85,260	
I10nb to I10wb (outer)	1699	105	14	1470	$58	$85,260	
I10nb to I10wb (outer)	1700	103	14	1442	$58	$83,636	
I10nb to I10wb (outer)	1701	105	12	1260	$58	$73,080	
I10nb to I10wb (outer)	1702	102	10	1020	$58	$59,160	
I10nb to I10wb (outer)	1703	196	0	0	$58	$0	
I10nb to I10wb (outer)	1704	98	0	0	$58	$0	
WB2__Structure (229-199)	1582	303	14	4242	$58	$246,036	$2,377,536
WB2__Structure (229-199)	1583	203	14	2842	$58	$164,836	
WB2__Structure (229-199)	1584	192	14	2688	$58	$155,904	
WB2__Structure (229-199)	1585	100	14	1400	$58	$81,200	
WB2__Structure (229-199)	1586	94	14	1316	$58	$76,328	
WB2__Structure (229-199)	1587	94	14	1316	$58	$76,328	
WB2__Structure (229-199)	1588	98	14	1372	$58	$79,576	

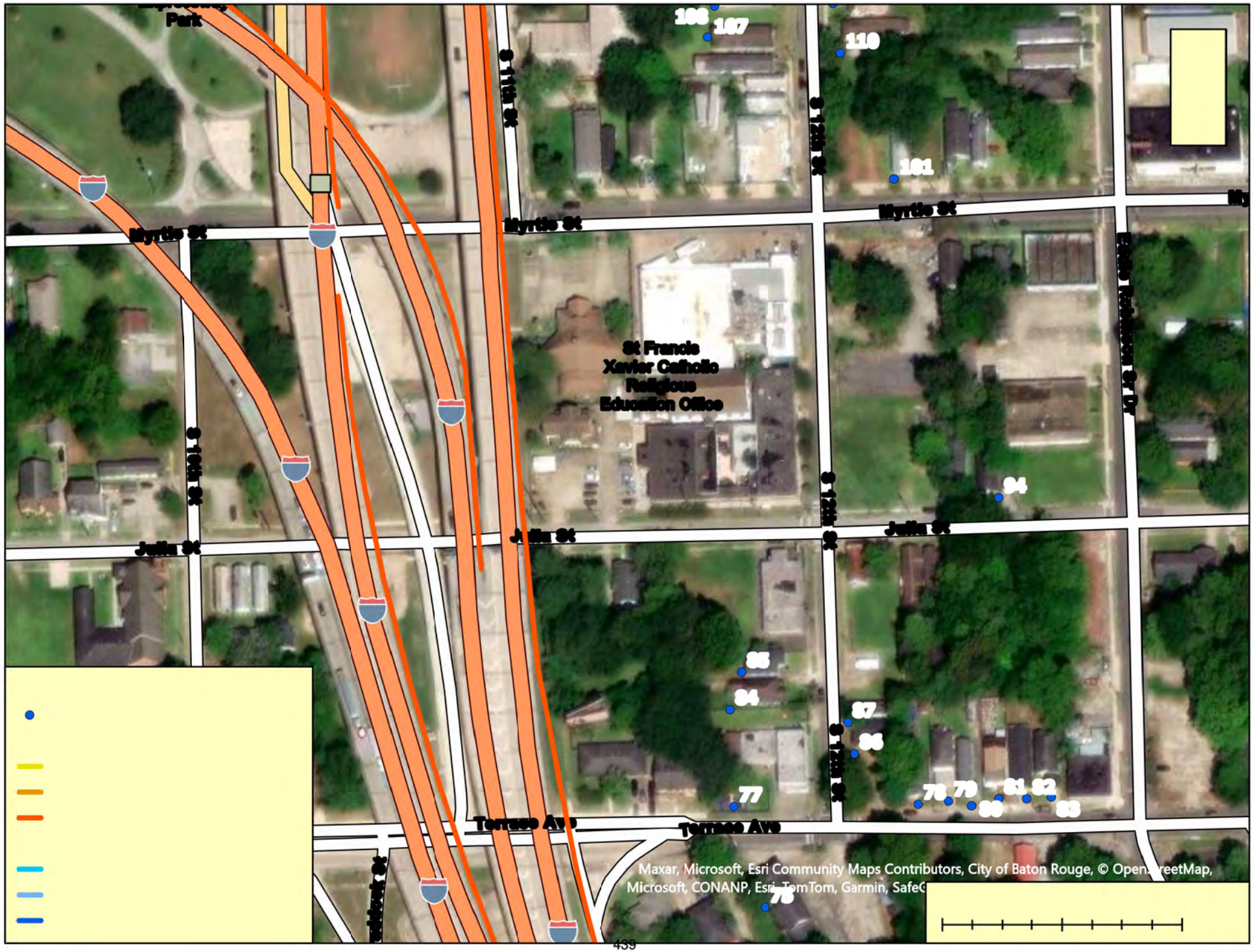
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2__Structure (229-199)	1589	93	14	1302	$58	$75,516	
WB2__Structure (229-199)	1590	152	14	2128	$58	$123,424	
WB2__Structure (229-199)	1591	199	14	2786	$58	$161,588	
WB2__Structure (229-199)	1592	200	14	2800	$58	$162,400	
WB2__Structure (229-199)	1593	200	14	2800	$58	$162,400	
WB2__Structure (229-199)	1594	200	14	2800	$58	$162,400	
WB2__Structure (229-199)	1595	199	14	2786	$58	$161,588	
WB2__Structure (229-199)	1596	201	14	2814	$58	$163,212	
WB2__Structure (229-199)	1597	201	14	2814	$58	$163,212	
WB2__Structure (229-199)	1598	199	14	2786	$58	$161,588	
WB2_Structure (240-228+)	1625	200	14	2800	$58	$162,400	$1,045,044
WB2_Structure (240-228+)	1626	198	14	2772	$58	$160,776	
WB2_Structure (240-228+)	1627	97	14	1358	$58	$78,764	
WB2_Structure (240-228+)	1628	199	14	2786	$58	$161,588	
WB2_Structure (240-228+)	1629	196	14	2744	$58	$159,152	
WB2_Structure (240-228+)	1630	99	14	1386	$58	$80,388	
WB2_Structure (240-228+)	1631	99	14	1386	$58	$80,388	
WB2_Structure (240-228+)	1632	199	14	2786	$58	$161,588	
WB3_Abatement (250-242)	1572	43	17	731	$71	$51,901	$1,000,603
WB3_Abatement (250-242)	1573	193	17	3281	$71	$232,951	
WB3_Abatement (250-242)	1574	202	17	3434	$71	$243,814	
WB3_Abatement (250-242)	1575	199	17	3383	$71	$240,193	
WB3_Abatement (250-242)	1576	192	17	3264	$71	$231,744	
							Total
							$9,455,133

# of 1st Row Impacted Receptors	25
# of 1st Row Impacted Receptors & Benefitted	5
Percent of 1st Row Impacted Receptors Benefit	20%
Feasible?	Yes
Meets 8 IL requirement?	No
Number of Benefited Receptors	83
Total Cost	$9,455,133
Total Cost per Benefitted Receptors	$113,917.27
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No

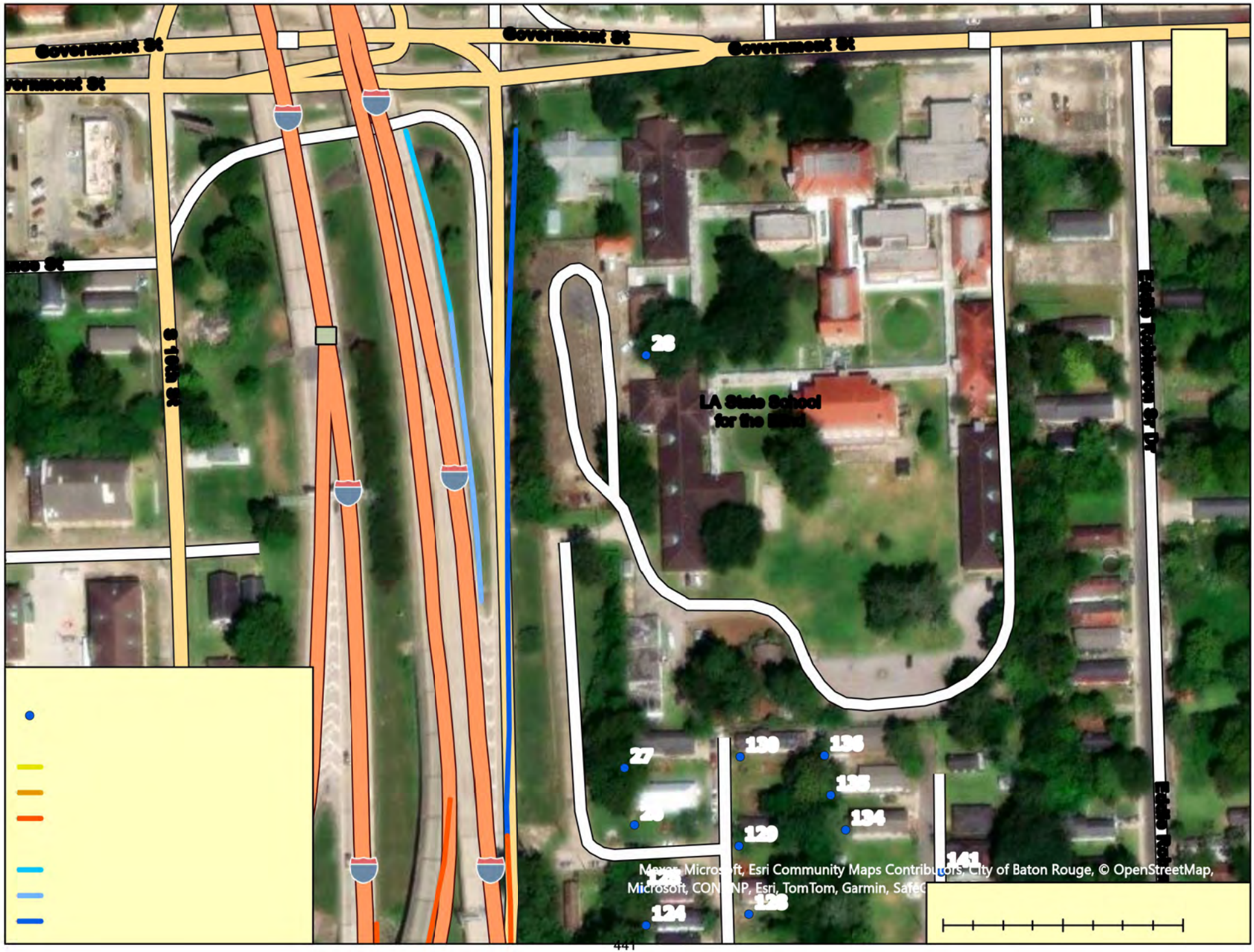

Rouge
Government St
Florida Blvd
Eddie Robinson Sr Dr
Lobdell Ave
Terrace Ave
Apple St
McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Old South Baton Rouge
E Washington St
E Hamilton St
Kreamer Ave
Kleinert Terrace
Kook Knook Children's Theatre
Esri Community Maps Contributors, City of Baton Rouge, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/I
USFWS, Source: Esri, Maxar, Ear


McKinley Middle
Academic
Magnet School
Fig St
Poer St
E Washington St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, Safe


Terrace Ave
Terrace Ave
Terrace Ave
Smith St
Stuart St
Stuart St
Orange St
Possum St
Possum St
Hickory St
Hickory St
Louise St
Louise St
Louise St
Cotton St
Cotton St
Brookstown Dr
Brookstown Dr
Brookstown Dr
Brookstown Dr
Brookstown Dr
77
78
79
80
81
82
83
75
85
86
70
71
72
74
87
66
90
88
91
89
97
98
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


Park
Myrtle St
Julia St
Terrace Ave
St Francis
Xavier Catholic
Religious
Education Office
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


27
130
136
135
134
129
141
140
125
124
126
139
152
138
133
136
127
132
126
131
137
121
South Blvd
South Blvd
South Blvd
116
117
118
114
113
112
111
110
109
108
107
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


Government St
Government St
Government St
S 19th St
LA State School for the Blind
26
27
130
136
135
134
129
124
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG

Appendix I-4

WB3 All Barriers

WB3 NSA All Benefit Barrier

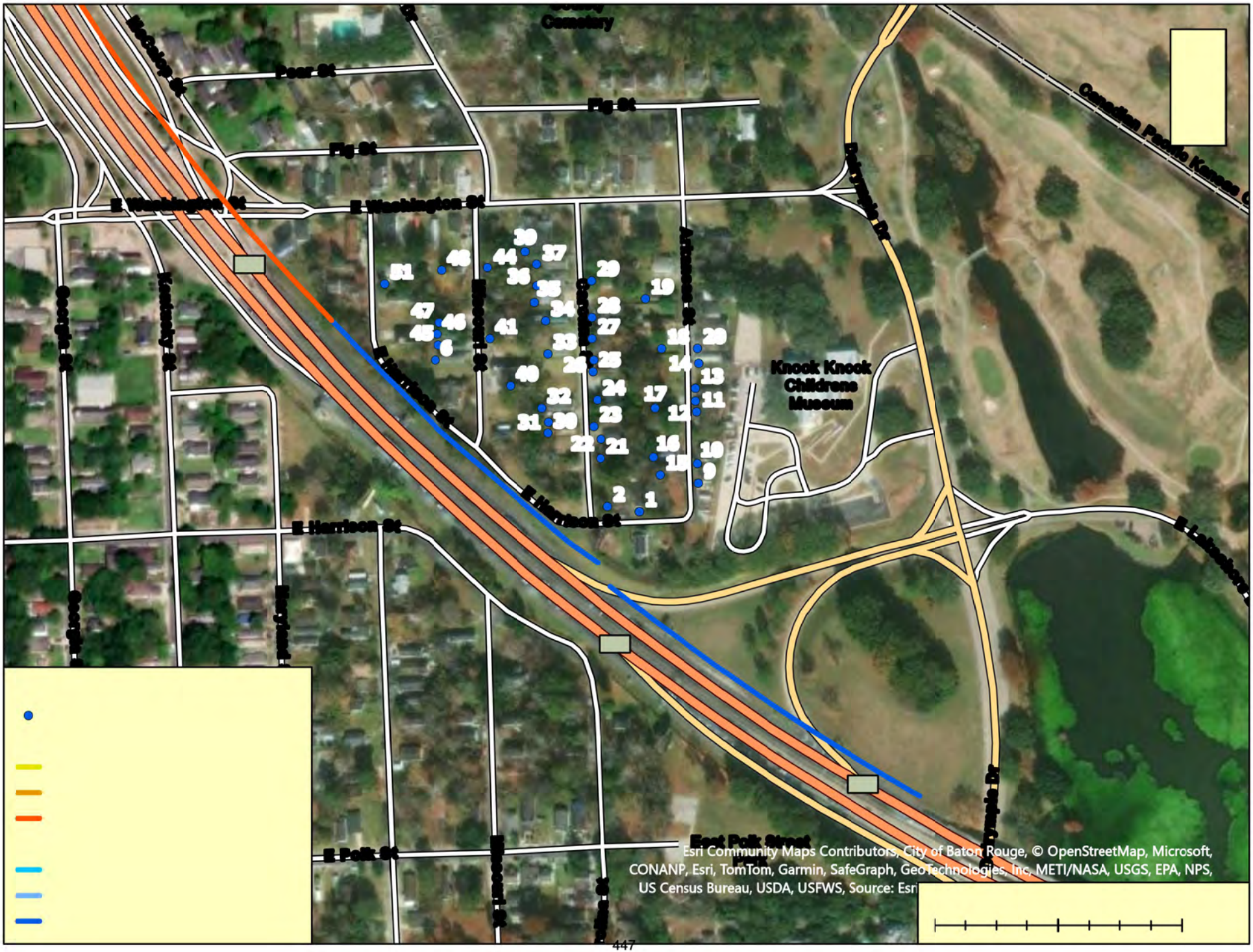
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
1	1421 E Harrison St	1	B	Yes	72.8	66.5	6.3	Yes	Yes	1	0
2	1417 E Harrison St	1	B	Yes	73.7	66.1	7.6	Yes	Yes	1	0
3	1950 Carolina St - GONE	0									
4	1936 Carolina St - GONE	0									
5	1935 Missouri St - GONE	0									
6	1864 Missouri St	1	B	Yes	71.6	64.7	6.9	Yes	Yes	1	0
7	1855 Virginia St - GONE	0									
8	Knock Knock Childrens Museum (picnic)	1	C	No	64.2	59.6	4.6	No	No	0	0
9	1965 Arkansas St	1	B	No	68.5	62.6	5.9	Yes	Yes	1	0
10	1955 Arkansas St	1	B	No	67.1	61.4	5.7	Yes	Yes	1	0
11	1925 Arkansas St	1	B	No	65	59.5	5.5	No	Yes	1	0
12	1921 Arkansas St	1	B	No	64.1	58.9	5.2	No	Yes	1	0
13	1915 Arkansas St	1	B	No	63.5	58.5	5	No	Yes	1	0
14	1901 Arkansas St	1	B	No	62.4	57.4	5	No	Yes	1	0
15	1966 Arkansas St	1	B	No	68.7	63.2	5.5	Yes	Yes	1	0
16	1956 Arkansas St	1	B	No	67.6	61.3	6.3	Yes	Yes	1	0
17	1920 Arkansas St	1	B	No	66	60.1	5.9	Yes	Yes	1	0
18	1854 Arkansas St	1	B	No	62.7	57.5	5.2	No	Yes	1	0
19	1842 Arkansas St	1	B	No	61.3	56	5.3	No	Yes	1	0
20	1861 Arkansas St	1	B	No	62	56.8	5.2	No	Yes	1	0
21	1933 Carolina St	1	B	Yes	70.8	63.2	7.6	Yes	Yes	1	0
22	1929 Carolina St	1	B	No	69.3	62.1	7.2	Yes	Yes	1	0
23	1925 Carolina St	1	B	No	68.4	61.4	7	Yes	Yes	1	0
24	1913 Carolina St	1	B	No	67.5	60.7	6.8	Yes	Yes	1	0
25	1873 Carolina St	1	B	No	66.4	59.7	6.7	Yes	Yes	1	0
26	1867 Carolina St	1	B	No	65.7	59	6.7	No	Yes	1	0
27	1855 Carolina St	1	B	No	64.4	57.8	6.6	No	Yes	1	0
28	1843 Carolina St	1	B	No	63.5	56.9	6.6	No	Yes	1	0
29	1819/1831 Carolina St	2	B	No	62	55.6	6.4	No	Yes	2	0
30	1930 Carolina St	1	B	Yes	71.4	63.1	8.3	Yes	Yes	1	1
31	1922 Carolina St	1	B	No	70.4	62.4	8	Yes	Yes	1	1
32	1918 Carolina St	1	B	No	69.7	61.9	7.8	Yes	Yes	1	0

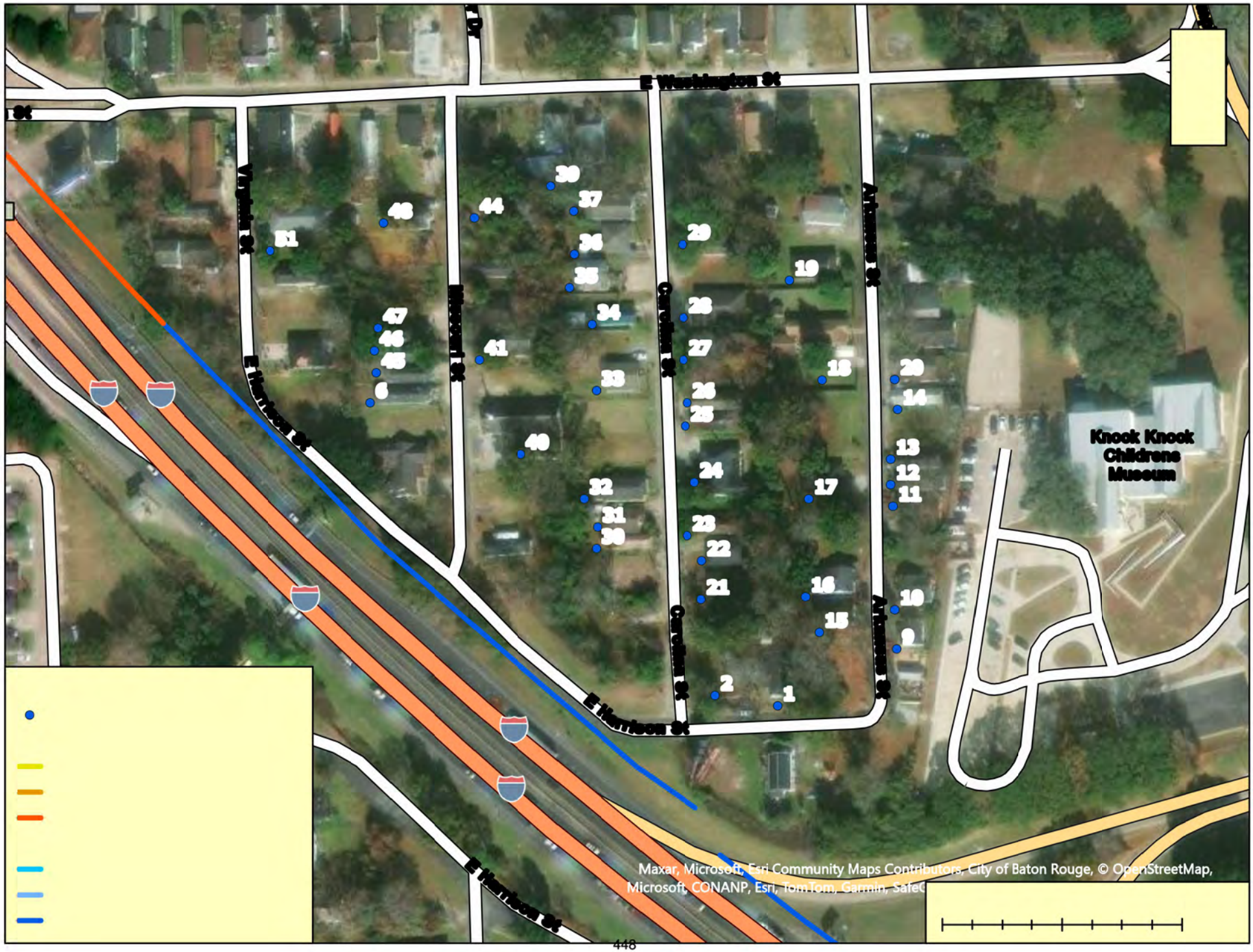
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
33	1860 Carolina St	1	B	No	66.7	59.6	7.1	Yes	Yes	1	0
34	1844 Carolina St	1	B	No	65.3	58.2	7.1	No	Yes	1	0
35	1840 Carolina St	1	B	No	64.8	57.8	7	No	Yes	1	0
36	1828 Carolina St	1	B	No	64.1	57.1	7	No	Yes	1	0
37	1822 Carolina St	1	B	No	63.5	56.7	6.8	No	Yes	1	0
38	1430 E Washington St - GONE	0									
39	1428 E Washington St	1	B	No	63.4	56.8	6.6	No	Yes	1	0
40	Ebenezer Bapt Ch (no ext use)	1	D	Yes	44.7	36.8	7.9	No	Yes	1	0
41	1853 Missouri St	1	B	No	67.8	59.9	7.9	Yes	Yes	1	0
42	1843 Missouri St - GONE	0									
43	1835 Missouri St - GONE	0									
44	1815/1817 Missouri St	2	B	No	65	57.7	7.3	No	Yes	2	0
45	1860 Missouri St	1	B	No	70.8	63.6	7.2	Yes	Yes	1	0
46	1856 Missouri St	1	B	No	69.7	62.1	7.6	Yes	Yes	1	0
47	1852 Missouri St	1	B	No	69.2	62.5	6.7	Yes	Yes	1	0
48	1824 Missouri St	1	B	No	67.5	59.4	8.1	Yes	Yes	1	1
49	1326 E Washington St - GONE	0									
50	1835 Virginia St - GONE	0									
51	1821/1823 Virginia St	2	B	Yes	69.6	62.7	6.9	Yes	Yes	2	0
										Total	Total
										44	3

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_Abatement Structure (240-280)	1625	200	14	2800	$58	$162,400	$1,045,044
WB2_Abatement Structure (240-280)	1626	198	14	2772	$58	$160,776	
WB2_Abatement Structure (240-280)	1627	97	14	1358	$58	$78,764	
WB2_Abatement Structure (240-280)	1628	199	14	2786	$58	$161,588	
WB2_Abatement Structure (240-280)	1629	196	14	2744	$58	$159,152	
WB2_Abatement Structure (240-280)	1630	99	14	1386	$58	$80,388	
WB2_Abatement Structure (240-280)	1631	99	14	1386	$58	$80,388	
WB2_Abatement Structure (240-280)	1632	199	14	2786	$58	$161,588	
WB3_Abatement (250-240)	1572	43	17	731	$71	$51,901	$1,000,603
WB3_Abatement (250-240)	1573	193	17	3281	$71	$232,951	
WB3_Abatement (250-240)	1574	202	17	3434	$71	$243,814	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB3_Abatement (250-240)	1575	199	17	3383	$71	$240,193	
WB3_Abatement (250-240)	1576	192	17	3264	$71	$231,744	
WB3_Abatement (260-250)	1620	165	17	2805	$71	$199,155	$1,039,227
WB3_Abatement (260-250)	1621	195	17	3315	$71	$235,365	
WB3_Abatement (260-250)	1622	198	17	3366	$71	$238,986	
WB3_Abatement (260-250)	1623	194	17	3298	$71	$234,158	
WB3_Abatement (260-250)	1741	109	17	1853	$71	$131,563	
Abatement WB3 McCalops (3245-3240)	1865	90	0	0	$71	$0	$0
Abatement WB3 McCalops (3245-3240)	1866	99	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1867	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1868	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1869	136	0	0	$71	$0	
Abatement WB3 McCalops ramp (outer)	1853	78	0	0	$58	$0	$0
Abatement WB3 McCalops ramp (outer)	1854	99	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1855	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1856	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1857	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1858	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1859	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1860	101	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1861	112	0	0	$58	$0	
Abatemet WB3 (3258-3254)	1848	98	0	0	$71	$0	$0
Abatemet WB3 (3258-3254)	1849	98	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1850	99	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1851	23	0	0	$71	$0	
							Total
							$3,084,874

# of 1st Row Impacted Receptors	7
# of 1st Row Impacted Receptors & Benefitted	7
Percent of 1st Row Impacted Receptors Benefit	100%
Feasible?	Yes
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	44
Total Cost	$3,084,874
Total Cost per Benefitted Receptors	$70,110.77
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


Knock Knock Children's Museum
East Polk Street
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Source: Esri


E Washington St
E Harrison St
Knock Knock Children's Museum
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG

Appendix I-5

EB1 Mid Barriers

EB1 NSA Mid Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	513 Myrtle St	1	B	Yes	160	69	70.7	60.5	66.8	8.5	3.9	Yes	No	0	0
2	515 Myrtle St	1	B	Yes	170	68.9	70.6	60.4	66.8	8.5	3.8	Yes	No	0	0
3	517 Myrtle St	1	B	Yes	164	69	70.7	60.3	66.8	8.7	3.9	Yes	No	0	0
4	521 Myrtle St	1	B	Yes	158	69.2	70.8	60.3	66.8	8.9	4	Yes	No	0	0
5	958 Royal St	1	B	Yes	103	69.3	71.6	60	68.4	9.3	3.2	Yes	No	0	0
6	931 Royal St	1	B	Yes	35	65.7	74	60.2	73.6	5.5	0.4	Yes	No	0	0
7	928 Napolean St	1	B	Yes	31	66.2	74.1	60.4	73.5	5.8	0.6	Yes	No	0	0
8	921 Napolean St	1	B	Yes	74	70	73.5	60.8	71.3	9.2	2.2	Yes	No	0	0
9	940 St Joseph St	1	B	Yes	50	65.9	72.1	60.8	71.3	5.1	0.8	Yes	No	0	0
10	943 Maximilian St	1	B	Yes	36	70	74.9	66.9	74.2	3.1	0.7	Yes	No	0	0
11	917 Myrtle St	1	B	Yes	62	70.5	73.7	66.2	72.1	4.3	1.6	Yes	No	0	0
12	926 East Blvd	1	B	Yes	28	67.2	74.2	66.2	74.0	1	0.2	Yes	No	0	0
13	928 East Blvd	1	B	Yes	65	67	72.4	64.2	71.7	2.8	0.7	Yes	No	0	0
14	940 East Blvd	1	B	Yes	103	68.2	71	63.6	69.2	4.6	1.8	Yes	No	0	0
15	972 Myrtle St	1	B	Yes	124	69.3	71.5	64.9	69.5	4.4	2	Yes	No	0	0
16	982 Myrtle St	1	B	Yes	65	68.2	72.7	66	72.1	2.2	0.6	Yes	No	0	0
17	1150 S 10th St	1	B	Yes	95	68.1	71.7	65.8	70.8	2.3	0.9	Yes	No	0	0
18	1004 Julia St	1	B	Yes	56	66.1	72.1	64.8	71.9	1.3	0.2	Yes	No	0	0
19	1215 S 10th St	1	B	Yes	60	63.2	71.6	61.7	71.4	1.5	0.2	Yes	No	0	0
20	1239 S 10th St	1	B	Yes	88	70	72.6	65.5	70.7	4.5	1.9	Yes	No	0	0
21	1014 Senette St	1	B	Yes	67	70.9	73.9	67.2	72.5	3.7	1.4	Yes	No	0	0
22	970 Senette St	1	B	Yes	117	69.1	71.5	65	69.6	4.1	1.9	Yes	No	0	0
23	946 Swart St	1	B	Yes	173	68.6	70.4	64	67.9	4.6	2.5	Yes	No	0	0
24	951 Burns Dr	1	B	Yes	155	68.6	70.4	63.8	67.8	4.8	2.6	Yes	No	0	0
25	967 Cotton St	1	B	Yes	87	71.1	73.3	65.9	70.9	5.2	2.4	Yes	No	0	0
26	1004 Cotton St	1	B	Yes	72	71.5	74.2	65.9	72.1	5.6	2.1	Yes	No	0	0
27	978 Cotton St	1	B	Yes	123	69.6	71.7	63.9	69.2	5.7	2.5	Yes	No	0	0
28	1523 Utah St	1	B	Yes	165	67.6	69.8	61.5	67.1	6.1	2.7	Yes	No	0	0
29	1510 Braddock St	1	B	Yes	66	69.9	73.4	64.9	71.9	5	1.5	Yes	No	0	0
30	1538 Braddock St	1	B	Yes	80	70	72.6	65	70.6	5	2	Yes	No	0	0
31	1567 Utah St	1	B	Yes	157	67.1	69.5	61	66.8	6.1	2.7	Yes	No	0	0
32	1591 Utah St	1	B	Yes	158	67.1	69.5	60.7	66.8	6.4	2.7	Yes	No	0	0
33	936 Howard St	1	B	Yes	112	67.6	70.7	60.5	68.4	7.1	2.3	Yes	No	0	0
34	924 Howard St	1	B	Yes	156	66.7	69.2	60.1	66.8	6.6	2.4	Yes	No	0	0
35	1616 Braddock St - GONE	0													
36	Fairview Baptist Ch (no ext use)	1	D	Yes	44	44.4	51.1	39.7	50.4	4.7	0.7	Yes	No	0	0
37	937 Lettsworth St	1	B	Yes	66	67.4	72.5	65.3	72.0	2.1	0.5	Yes	No	0	0
38	946 Lettsworth St	1	B	Yes	141	67.4	70	61.3	67.7	6.1	2.3	Yes	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
39	1704 Braddock St	1	B	Yes	82	66.6	71	64.8	70.5	1.8	0.5	Yes	No	0	0
40	Baranco Clark YMCA Playground	1	C	Yes	187	65.4	65.4	59.9	59.9	5.5	5.5	No	Yes	1	0
41	968 Fig St - GONE	0													
42	962 Royal St	1	B	No	150	68.8	70.5	59.7	66.6	9.1	3.9	Yes	No	0	0
43	525 Myrtle St	1	B	No	189	68.4	68.4	59.5	59.6	8.9	8.8	Yes	Yes	1	1
44	941 Royal St	1	B	No	58	68.7	72.9	60.6	71.3	8.1	1.6	Yes	No	0	0
45	953 Royal St	1	B	No	94	70.1	72.7	60.4	69.6	9.7	3.1	Yes	No	0	0
46	605 Myrtle St	1	B	No	160	69.7	71.1	60.6	66.8	9.1	4.3	Yes	No	0	0
47	607 Myrtle St	1	B	No	163	69.8	71.2	60.6	66.8	9.2	4.4	Yes	No	0	0
48	609 Myrtle St	1	B	No	170	69.8	71.3	60.5	66.8	9.3	4.5	Yes	No	0	0
49	932 Napolean St	1	B	No		69.6	69.6	60.8	60.8	8.8	8.8	Yes	Yes	1	1
50	1038 Napolean St	1	B	No		68.3	68.3	59.7	59.7	8.6	8.6	Yes	Yes	1	1
51	923 Napolean St	1	B	No		69.6	69.6	60.4	60.4	9.2	9.2	Yes	Yes	1	1
52	933 Napolean St	1	B	No		69.4	69.4	60.5	60.5	8.9	8.9	Yes	Yes	1	1
53	705 Myrtle St	1	B	No		69.2	69.2	60.3	60.3	8.9	8.9	Yes	Yes	1	1
54	709 Myrtle St	1	B	No		69	69	60.6	60.6	8.4	8.4	Yes	Yes	1	1
55	713 Myrtle St	1	B	No		68.9	68.9	60.7	60.7	8.2	8.2	Yes	Yes	1	1
56	952 St Joseph St	1	B	No		68.3	68.3	60.7	60.7	7.6	7.6	Yes	Yes	1	0
57	715 Myrtle St	1	B	No		67.8	67.8	60.6	60.6	7.2	7.2	Yes	Yes	1	0
58	956 St Joseph St	1	B	No		68	68	60.8	60.8	7.2	7.2	Yes	Yes	1	0
59	837 Myrtle St	1	B	No		69.4	69.4	63.6	63.6	5.8	5.8	Yes	Yes	1	0
60	958 Maximillian St	1	B	No		69.4	69.4	64.1	64.1	5.3	5.3	Yes	Yes	1	0
61	964 Maximillian St	1	B	No		67.1	67.1	62.2	62.2	4.9	4.9	Yes	No	0	0
62	963 Maximillian St	1	B	No		70.4	70.4	65.1	65.1	5.3	5.3	Yes	Yes	1	0
63	965 Maximillian St	1	B	No		69.3	69.3	64.3	64.3	5	5	Yes	Yes	1	0
64	969 Maximillian St	1	B	No		68.6	68.6	63.6	63.6	5	5	Yes	Yes	1	0
65	1103 Thomas H Delpit Dr	1	B	No		68.1	68.1	63.8	63.8	4.3	4.3	Yes	No	0	0
66	1105 Thomas H Delpit Dr	1	B	No		67.1	67.1	63.1	63.1	4	4	Yes	No	0	0
67	1107 Thomas H Delpit Dr	1	B	No		67.4	67.4	63.7	63.7	3.7	3.7	Yes	No	0	0
68	1109 Thomas H Delpit Dr	1	B	No		67.3	67.3	63.6	63.6	3.7	3.7	Yes	No	0	0
69	1117 Thomas H Delpit Dr	1	B	No		67.6	67.6	63.9	63.9	3.7	3.7	Yes	No	0	0
70	1131 Thomas H Delpit Dr	1	B	No		65.8	65.8	62.5	62.5	3.3	3.3	No	No	0	0
71	991 Julia St	1	B	No		68.8	68.8	64.8	64.8	4	4	Yes	No	0	0
72	981 Julia St	1	B	No		68.2	68.2	64.6	64.6	3.6	3.6	Yes	No	0	0
73	967 Julia St	1	B	No		66.8	66.8	63.3	63.3	3.5	3.5	Yes	No	0	0
74	965 Julia St	1	B	No		66.6	66.6	63.1	63.1	3.5	3.5	Yes	No	0	0
75	1002 Julia St	1	B	No		66.5	66.5	64.4	64.4	2.1	2.1	Yes	No	0	0
76	Progressive Bapt Ch (Cat D)	1	D	No		43.7	43.7	39	39.0	4.7	4.7	No	No	0	0
77	1226 S 10th St - GONE	0													
78	1228 S 10th St	1	B	No		68	68	63.9	63.9	4.1	4.1	Yes	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
79	1232 S 10th St	1	B	No		68.1	68.1	64	64.0	4.1	4.1	Yes	No	0	0
80	1234 S 10th St	1	B	No		67.9	67.9	63.9	63.9	4	4	Yes	No	0	0
81	979 Terrace St - GONE	0													
82	975 Terrace St	1	B	No		65	65	61.2	61.2	3.8	3.8	No	No	0	0
83	963 Terrace St	1	B	No		64	64	60.3	60.3	3.7	3.7	No	No	0	0
84	988 Terrace St	1	B	No		67.2	67.2	63.3	63.3	3.9	3.9	Yes	No	0	0
85	980 Terrace St	1	B	No		66.3	66.3	62.6	62.6	3.7	3.7	Yes	No	0	0
86	976 Terrace St	1	B	No		65.6	65.6	61.7	61.7	3.9	3.9	No	No	0	0
87	970 Terrace St	1	B	No		64.9	64.9	61.2	61.2	3.7	3.7	No	No	0	0
88	960 Terrace St	1	B	No		64.1	64.1	60.4	60.4	3.7	3.7	No	No	0	0
89	954 Terrace St	1	B	No		63.4	63.4	59.8	59.8	3.6	3.6	No	No	0	0
90	952 Terrace St	1	B	No		62.1	62.1	58.7	58.7	3.4	3.4	No	No	0	0
91	946 Senette St	1	B	No		67.5	67.5	63.4	63.4	4.1	4.1	Yes	No	0	0
92	918 Senette St	1	B	No		66.3	66.3	62.4	62.4	3.9	3.9	Yes	No	0	0
93	862 Senette St - GONE	0													
94	850 Senette St - GONE	0													
95	920 Swart St	1	B	No		66.7	66.7	62.8	62.8	3.9	3.9	Yes	No	0	0
96	912 Swart St	1	B	No		65.7	65.7	62.1	62.1	3.6	3.6	No	No	0	0
97	931 Burns Dr	1	B	No		65.6	65.6	60.6	60.6	5	5	No	Yes	1	0
98	877 Burns Dr	1	B	No		62.9	62.9	57.4	57.4	5.5	5.5	No	Yes	1	0
99	855 Burns Dr	1	B	No		62.9	62.9	57.6	57.6	5.3	5.3	No	Yes	1	0
100	955 Cotton St	1	B	No		66.3	66.3	60.2	60.2	6.1	6.1	Yes	Yes	1	0
101	837 Cotton St	1	B	No		63.6	63.6	57.2	57.2	6.4	6.4	No	Yes	1	0
102	964 Cotton St - GONE	0													
103	922 Cotton St	1	B	No		66.6	66.6	61.2	61.2	5.4	5.4	Yes	Yes	1	0
104	906 Cotton St	1	B	No		66.3	66.3	60.7	60.7	5.6	5.6	Yes	Yes	1	0
105	876 Cotton St	1	B	No		65.3	65.3	59.5	59.5	5.8	5.8	No	Yes	1	0
106	855 Louise St	1	B	No		65.6	65.6	59.8	59.8	5.8	5.8	No	Yes	1	0
107	853 Louise St	1	B	No		65	65	58.9	58.9	6.1	6.1	No	Yes	1	0
108	851 Louise St	1	B	No		64.8	64.8	58.6	58.6	6.2	6.2	No	Yes	1	0
109	926 Louise St	1	B	No		65.7	65.7	60.4	60.4	5.3	5.3	No	Yes	1	0
110	1541 Utah St	1	B	No		67.3	67.3	61.4	61.4	5.9	5.9	Yes	Yes	1	0
111	1555 Utah St	1	B	No		67.2	67.2	61.3	61.3	5.9	5.9	Yes	Yes	1	0
112	866 Louise St	1	B	No		65.6	65.6	60	60.0	5.6	5.6	No	Yes	1	0
113	1520 Utah St	1	B	No		65.6	65.6	59.7	59.7	5.9	5.9	No	Yes	1	0
114	1530 Utah St	1	B	No		65.6	65.6	59.7	59.7	5.9	5.9	No	Yes	1	0
115	1542 Utah St	1	B	No		65.6	65.6	59.5	59.5	6.1	6.1	No	Yes	1	0
116	1550 Utah St	1	B	No		65.6	65.6	59.4	59.4	6.2	6.2	No	Yes	1	0
117	1558 Utah St	1	B	No		65.3	65.3	59.1	59.1	6.2	6.2	No	Yes	1	0
118	1564 Utah St	1	B	No		65.2	65.2	59	59.0	6.2	6.2	No	Yes	1	0
119	1567 Thomas H Delpit Dr	1	B	No		63.5	63.5	57.6	57.6	5.9	5.9	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
120	New Jerusalem Bapt Church (no ext use)	1	D	No		38.3	38.3	31.5	31.5	6.8	6.8	No	Yes	1	0
121	831 Lettsworth Dr - GONE	0													
122	1669 Thomas H Delpit Dr	1	B	No		64.9	64.9	58.3	58.3	6.6	6.6	No	Yes	1	0
123	1649 Thomas H Delpit Dr	1	B	No		63.8	63.8	56.5	56.5	7.3	7.3	No	Yes	1	0
124	928 Lettsworth Dr	1	B	No		66.3	66.3	60.1	60.1	6.2	6.2	Yes	Yes	1	0
125	912 Lettsworth Dr	1	B	No		65.7	65.7	59.6	59.6	6.1	6.1	No	Yes	1	0
126	Neeley UM Church (no ext)	1	D	No		40.3	40.3	34.5	34.5	5.8	5.8	No	Yes	1	0
127	606 Myrtle St	1	B	No		66.5	66.5	60.1	60.1	6.4	6.4	Yes	Yes	1	0
128	608 Myrtle St	1	B	No		66.5	66.5	60	60.0	6.5	6.5	Yes	Yes	1	0
129	610 Myrtle St	1	B	No		66.5	66.5	60	60.0	6.5	6.5	Yes	Yes	1	0
130	614 Myrtle St	1	B	No		66.6	66.6	59.9	59.9	6.7	6.7	Yes	Yes	1	0
131	616 Myrtle St	1	B	No		66.6	66.6	59.9	59.9	6.7	6.7	Yes	Yes	1	0
132	618 Myrtle St	1	B	No		66.6	66.6	59.9	59.9	6.7	6.7	Yes	Yes	1	0
133	1121 Royal St	1	B	No		63.9	63.9	56.7	56.7	7.2	7.2	No	Yes	1	0
134	1123 Royal St	1	B	No		64	64	56.8	56.8	7.2	7.2	No	Yes	1	0
135	1125 Royal St	1	B	No		61.4	61.4	55	55.0	6.4	6.4	No	Yes	1	0
136	1127 Royal St	1	B	No		60.3	60.3	57.2	57.2	3.1	3.1	No	No	0	0
137	1129 Royal St	1	B	No		62.5	62.5	58.4	58.4	4.1	4.1	No	No	0	0
138	601 Julia St	1	B	No		59.8	59.8	52.5	52.5	7.3	7.3	No	Yes	1	0
139	627 Julia St	1	B	No		61.2	61.2	55.8	55.8	5.4	5.4	No	Yes	1	0
140	635 Julia St	1	B	No		61.2	61.2	55.7	55.7	5.5	5.5	No	Yes	1	0
141	1110 Napolean St	1	B	No		63.7	63.7	56.9	56.9	6.8	6.8	No	Yes	1	0
142	1114 Napolean St	1	B	No		63.2	63.2	56.6	56.6	6.6	6.6	No	Yes	1	0
143	1116 Napolean St	1	B	No		63	63	56.5	56.5	6.5	6.5	No	Yes	1	0
144	1122 Napolean St	1	B	No		62.3	62.3	56.1	56.1	6.2	6.2	No	Yes	1	0
145	1124 Napolean St	1	B	No		64.6	64.6	58	58.0	6.6	6.6	No	Yes	1	0
146	1126 Napolean St	1	B	No		62.3	62.3	54.8	54.8	7.5	7.5	No	Yes	1	0
147	1128 Napolean St	1	B	No		61.8	61.8	56.8	56.8	5	5	No	Yes	1	0
148	1130 Napolean St	1	B	No		61.6	61.6	54.9	54.9	6.7	6.7	No	Yes	1	0
149	1136 Napolean St	1	B	No		61.4	61.4	55	55.0	6.4	6.4	No	Yes	1	0
150	1140 Napolean St	1	B	No		60.9	60.9	54.5	54.5	6.4	6.4	No	Yes	1	0
151	1142 Napolean St	1	B	No		60.7	60.7	54.8	54.8	5.9	5.9	No	Yes	1	0
152	1144 Napolean St	1	B	No		60.6	60.6	54.8	54.8	5.8	5.8	No	Yes	1	0
153	1146 Napolean St	1	B	No		60.2	60.2	54.2	54.2	6	6	No	Yes	1	0
154	704 Myrtle St	1	B	No		66.3	66.3	59.7	59.7	6.6	6.6	Yes	Yes	1	0
155	706 Myrtle St	1	B	No		66.2	66.2	59.7	59.7	6.5	6.5	Yes	Yes	1	0
156	708 Myrtle St	1	B	No		66.1	66.1	59.6	59.6	6.5	6.5	Yes	Yes	1	0
157	710 Myrtle St	1	B	No		64.8	64.8	58.7	58.7	6.1	6.1	No	Yes	1	0
158	714 Myrtle St	1	B	No		65.8	65.8	59.7	59.7	6.1	6.1	No	Yes	1	0
159	722 Myrtle St	1	B	No		65.6	65.6	59.8	59.8	5.8	5.8	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
160	1111 Napolean St	1	B	No		64.4	64.4	57.4	57.4	7	7	No	Yes	1	0
161	1113 Napolean St	1	B	No		63.9	63.9	56.9	56.9	7	7	No	Yes	1	0
162	1115 Napolean St	1	B	No		63.5	63.5	56.8	56.8	6.7	6.7	No	Yes	1	0
163	1119 Napolean St	1	B	No		62.9	62.9	56.5	56.5	6.4	6.4	No	Yes	1	0
164	1123 Napolean St	1	B	No		62.6	62.6	56.6	56.6	6	6	No	Yes	1	0
165	1129 Napolean St	1	B	No		61.9	61.9	55.4	55.4	6.5	6.5	No	Yes	1	0
166	1139 Napolean St	1	B	No		61.4	61.4	55.8	55.8	5.6	5.6	No	Yes	1	0
167	1145 Napolean St	1	B	No		61.9	61.9	56.6	56.6	5.3	5.3	No	Yes	1	0
168	707 Julia St	1	B	No		62.5	62.5	56.8	56.8	5.7	5.7	No	Yes	1	0
169	713 Julia St	1	B	No		62.5	62.5	57	57.0	5.5	5.5	No	Yes	1	0
170	715 Julia St	1	B	No		62.4	62.4	56.9	56.9	5.5	5.5	No	Yes	1	0
171	725 Julia St	1	B	No		62.4	62.4	57	57.0	5.4	5.4	No	Yes	1	0
172	1108 St Joseph St	1	B	No		63	63	57.2	57.2	5.8	5.8	No	Yes	1	0
173	1110 St Joseph St	1	B	No		62.7	62.7	57.4	57.4	5.3	5.3	No	Yes	1	0
174	1112 St Joseph St	1	B	No		63.7	63.7	58.2	58.2	5.5	5.5	No	Yes	1	0
175	1114 St Joseph St	1	B	No		62.2	62.2	56.6	56.6	5.6	5.6	No	Yes	1	0
176	1120 St Joseph St	1	B	No		63.4	63.4	57.2	57.2	6.2	6.2	No	Yes	1	0
177	1122 St Joseph St	1	B	No		61.7	61.7	56.5	56.5	5.2	5.2	No	Yes	1	0
178	1126 St Joseph St	1	B	No		62.2	62.2	56.6	56.6	5.6	5.6	No	Yes	1	0
179	814 Myrtle St	1	B	No		65.3	65.3	59.7	59.7	5.6	5.6	No	Yes	1	0
180	820 Myrtle St	1	B	No		65.1	65.1	59.7	59.7	5.4	5.4	No	Yes	1	0
181	836 Myrtle St	1	B	No		65.8	65.8	61.1	61.1	4.7	4.7	No	No	0	0
182	840 Myrtle St	1	B	No		66	66	61.5	61.5	4.5	4.5	Yes	No	0	0
183	1102 Maximillian St	1	B	No		65.9	65.9	61.5	61.5	4.4	4.4	No	No	0	0
184	1105 St Joseph St	1	B	No		63.3	63.3	57.4	57.4	5.9	5.9	No	Yes	1	0
185	1107 St Joseph St	1	B	No		62.7	62.7	56.8	56.8	5.9	5.9	No	Yes	1	0
186	1119 St Joseph St	1	B	No		62.5	62.5	57	57.0	5.5	5.5	No	Yes	1	0
187	1121 St Joseph St	1	B	No		62.5	62.5	57.1	57.1	5.4	5.4	No	Yes	1	0
188	1127 St Joseph St	1	B	No		62.4	62.4	57.5	57.5	4.9	4.9	No	No	0	0
189	815 Julia St	1	B	No		63.2	63.2	58.3	58.3	4.9	4.9	No	No	0	0
190	821 Julia St	1	B	No		63.1	63.1	58.4	58.4	4.7	4.7	No	No	0	0
191	823 Julia St	1	B	No		63	63	58.5	58.5	4.5	4.5	No	No	0	0
192	1106 Maximillian St	1	B	No		65	65	60.6	60.6	4.4	4.4	No	No	0	0
193	1118 Maximillian St	1	B	No		64.5	64.5	60.5	60.5	4	4	No	No	0	0
194	1122 Maximillian St	1	B	No		64.3	64.3	60.3	60.3	4	4	No	No	0	0
195	1124 Maximillian St	1	B	No		64.1	64.1	60.1	60.1	4	4	No	No	0	0
196	1128 Maximillian St	1	B	No		63.9	63.9	60	60.0	3.9	3.9	No	No	0	0
197	1132 Maximillian St - GONE	0													
198	1107 Maximillian St	1	B	No		65.7	65.7	62	62.0	3.7	3.7	No	No	0	0
199	1113 Maximillian St	1	B	No		65.5	65.5	61.7	61.7	3.8	3.8	No	No	0	0
200	1119 Maximillian St	1	B	No		65.2	65.2	61.4	61.4	3.8	3.8	No	No	0	0

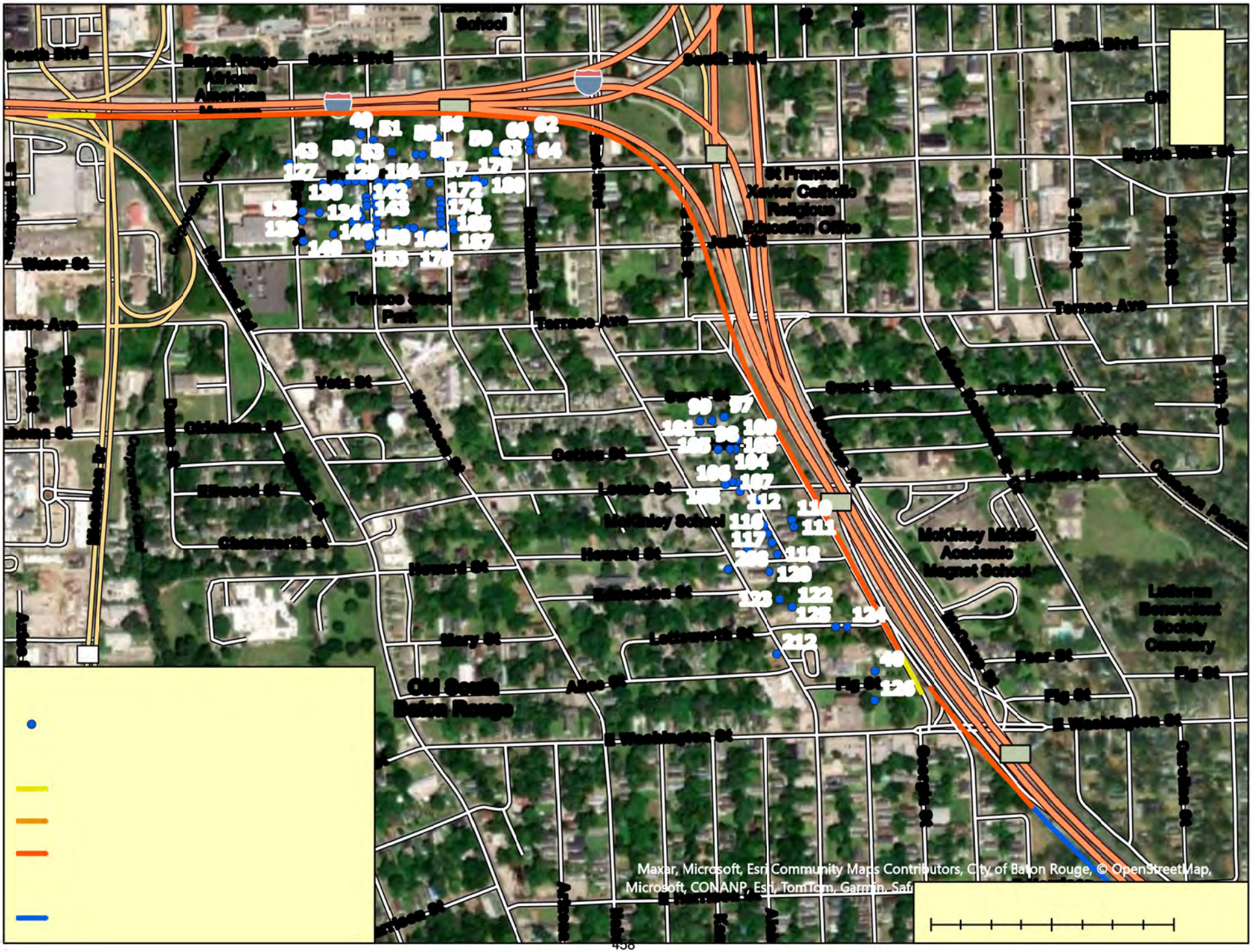
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
201	1121 Maximillian St	1	B	No		65	65	61.3	61.3	3.7	3.7	No	No	0	0
202	1123 Maximillian St	1	B	No		64.8	64.8	61.1	61.1	3.7	3.7	No	No	0	0
203	1133 Maximillian St	1	B	No		64.1	64.1	60.5	60.5	3.6	3.6	No	No	0	0
204	913 Julia St	1	B	No		64.6	64.6	61	61.0	3.6	3.6	No	No	0	0
205	915 Julia St	1	B	No		65.1	65.1	61.4	61.4	3.7	3.7	No	No	0	0
206	953 Julia St	1	B	No		65.2	65.2	61.6	61.6	3.6	3.6	No	No	0	0
207	1203 Thomas H Delpit Dr	1	B	No		64.5	64.5	61.2	61.2	3.3	3.3	No	No	0	0
208	1608 Thomas H Delpit Dr	1	B	No		61.7	61.7	56.3	56.3	5.4	5.4	No	Yes	1	0
209	1652 Thomas H Delpit Dr	1	B	No		57.9	57.9	53.4	53.4	4.5	4.5	No	No	0	0
210	1662 Thomas H Delpit Dr - GONE	0													
211	1668 Thomas H Delpit Dr	1	B	No		57.9	57.9	53.3	53.3	4.6	4.6	No	No	0	0
212	1718 Thomas H Delpit Dr	1	B	No		60.8	60.8	54.9	54.9	5.9	5.9	No	Yes	1	0
213	Baranco Clark YMCA Playground N	1	C	Yes	90	65.9	70.9	62.1	69.9	3.8	1	Yes	No	0	0
214	996 Terrace St	1	B	Yes	156	68.7	70.5	64.7	68.2	4	2.3	Yes	No	0	0
215	915 Myrtle St	1	B	Yes	101	67.3	70.5	62.5	68.8	4.8	1.7	Yes	No	0	0
216	1006 Julia St	1	B	Yes	27	66.3	74.1	65.5	73.9	0.8	0.2	Yes	No	0	0
													Total	103	8

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abate_Struct (414-220)	1473	200	10	2000	$58	$116,000	$3,265,748
EB1_Abate_Struct (414-220)	1474	201	14	2814	$58	$163,212	
EB1_Abate_Struct (414-220)	1475	201	14	2814	$58	$163,212	
EB1_Abate_Struct (414-220)	1476	201	14	2814	$58	$163,212	
EB1_Abate_Struct (414-220)	1477	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1478	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1479	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1480	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1481	199	14	2786	$58	$161,588	
EB1_Abate_Struct (414-220)	1482	100	14	1400	$58	$81,200	
EB1_Abate_Struct (414-220)	1483	102	14	1428	$58	$82,824	
EB1_Abate_Struct (414-220)	1484	202	14	2828	$58	$164,024	
EB1_Abate_Struct (414-220)	1485	195	14	2730	$58	$158,340	
EB1_Abate_Struct (414-220)	1486	99	14	1386	$58	$80,388	
EB1_Abate_Struct (414-220)	1487	103	14	1442	$58	$83,636	
EB1_Abate_Struct (414-220)	1488	95	14	1330	$58	$77,140	
EB1_Abate_Struct (414-220)	1489	99	14	1386	$58	$80,388	
EB1_Abate_Struct (414-220)	1490	98	14	1372	$58	$79,576	
EB1_Abate_Struct (414-220)	1491	99	14	1386	$58	$80,388	
EB1_Abate_Struct (414-220)	1492	100	14	1400	$58	$81,200	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abate_Struct (414-220)	1493	99	14	1386	$58	$80,388	
EB1_Abate_Struct (414-220)	1494	100	14	1400	$58	$81,200	
EB1_Abate_Struct (414-220)	1495	59	14	826	$58	$47,908	
EB1_Abate_Struct (414-220)	1496	204	14	2856	$58	$165,648	
EB1_Abate_Struct (414-220)	1497	197	14	2758	$58	$159,964	
EB1_Abate_Struct (414-220)	1498	108	14	1512	$58	$87,696	
EB1_Abate_Struct (414-220)	1499	104	14	1456	$58	$84,448	
EB1_Abate_Struct (414-220)	1500	114	14	1596	$58	$92,568	
EB1 I10nb to I10wb (inner)	1672	99	0	0	$58	$0	$0
EB1 I10nb to I10wb (inner)	1673	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1674	167	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1675	201	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1676	199	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1677	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1678	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1679	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1680	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1681	103	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1682	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1683	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1684	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1685	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1686	97	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1687	103	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1688	200	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1689	100	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1508	100	0	0	$58	$0	$0
EB1 & WB1_Struct (202-215)	1509	100	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1510	98	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1511	199	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1512	201	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1513	202	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1514	206	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1515	198	0	0	$58	$0	
EB1_Structure(219+35-240)	1518	101	14	1414	$58	$82,012	$1,178,328
EB1_Structure(219+35-240)	1519	100	14	1400	$58	$81,200	
EB1_Structure(219+35-240)	1520	201	14	2814	$58	$163,212	
EB1_Structure(219+35-240)	1521	200	14	2800	$58	$162,400	
EB1_Structure(219+35-240)	1522	299	14	4186	$58	$242,788	
EB1_Structure(219+35-240)	1523	203	14	2842	$58	$164,836	
EB1_Structure(219+35-240)	1524	99	14	1386	$58	$80,388	
EB1_Structure(219+35-240)	1525	101	14	1414	$58	$82,012	
EB1_Structure(219+35-240)	1526	206	10	2060	$58	$119,480	
EB1_Ramp(1235-1242)	1832	101	0	0	$58	$0	$0

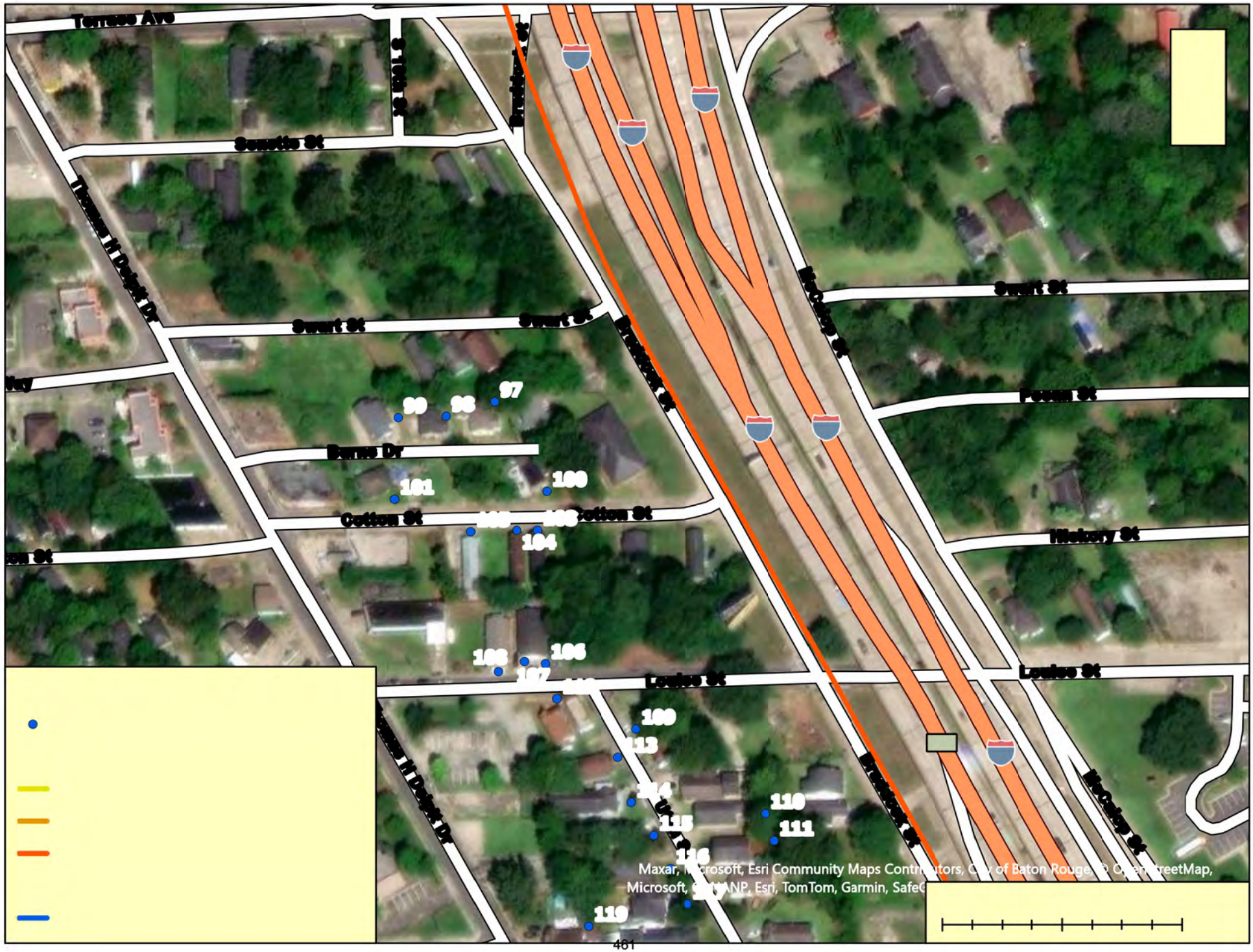
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Ramp(1235-1242)	1833	104	0	0	$58	$0	
EB1_Ramp(1235-1242)	1834	116	0	0	$58	$0	
EB1_Ramp(1235-1242)	1835	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1836	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1837	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1838	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1839	39	0	0	$58	$0	
EB1_Structure(235-242)	1743	206	14	2884	$58	$167,272	$579,768
EB1_Structure(235-242)	1528	102	14	1428	$58	$82,824	
EB1_Structure(235-242)	1529	202	14	2828	$58	$164,024	
EB1_Structure(235-242)	1890	204	14	2856	$58	$165,648	
							Total
							$5,023,844

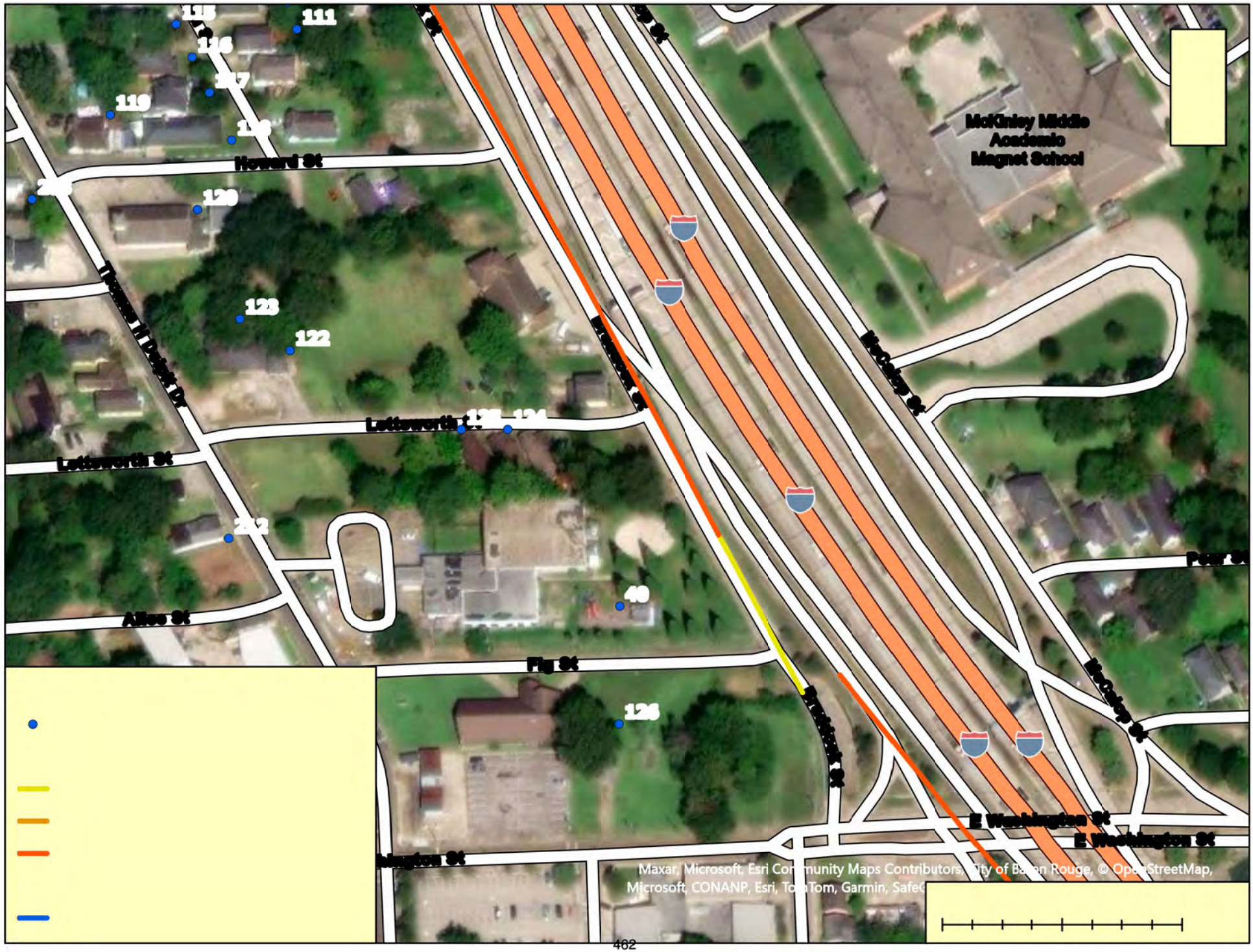
# of 1st Row Impacted Receptors	42
# of 1st Row Impacted Receptors & Benefitted	0
Percent of 1st Row Impacted Receptors Benefit	0%
Feasible?	No
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	103
Total Cost	$5,023,844
Total Cost per Benefitted Receptors	$48,775.18
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


South Blvd
Baton Rouge African American Museum
Terrace Street Park
Terrace Ave
Water St
Vets St
Oklahoma St
Elwood St
Chatsworth St
Howard St
Mary St
Old South Baton Rouge
Alice St
E Washington St
Gardere St
Louisa St
McKinley School
Lafayette St
Grant St
Orange St
Apple St
McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Pine St
Fig St
St Francis Xavier Catholic Religious Education Office
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, Safi


South Blvd
South Blvd
South Blvd
Baton Rouge African American Museum
Corporation Canal
Corporation Canal
Royal St
Royal St
Royal St
Myrtle St
Myrtle St
Myrtle St
Julia St
Julia St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, NANP, Esri, TomTom, Garmin, SafeG


Myrtle St
Julia St
Swart
Park
Myrtle St
Julia St
Julia St
Terrace Ave
S 16th St
S 16th St
S 16th St
179
180
184
185
186
187
Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


Terrace Ave
Sweet St
Swan St
Burns Dr
Cotton St
Hickory St
Lewis St
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, Esri, TomTom, Garmin, SafeG


McKinley Middle Academic Magnet School
Howard St
Lafayette St
Lafayette St
Lafayette St
Allen St
Fig St
E Washington St
E Washington St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, Safe

Appendix I-6

EB2 Mid Barriers

EB2 NSA Mid Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1824 Kentucky St	1	B	Yes	86	65.9	70.8	60.3	69.7	5.6	1.1	Yes	No	0	0
2	1820 Kentucky St	1	B	Yes	104	65.3	69.7	59.8	68.4	5.5	1.3	Yes	No	0	0
3	1840 Kentucky St	1	B	Yes	152	65.4	68.5	59.5	66.6	5.9	1.9	Yes	No	0	0
4	1844 Kentucky St	1	B	Yes	163	65.4	68.6	59.3	66.6	6.1	2	Yes	No	0	0
5	1851 Kentucky St - GONE	0													0
6	1859 Kentucky St	1	B	Yes	107	65.5	69.8	58.7	68.2	6.8	1.6	Yes	No	0	0
7	1867 Kentucky St	1	B	Yes	124	66.1	69.9	59.5	68.3	6.6	1.6	Yes	No	0	0
8	1879 Kentucky St	1	B	Yes	147	65.9	69.2	59.9	67.4	6	1.8	Yes	No	0	0
9	1920 Maryland St	1	B	Yes	114	64.5	69.4	59.4	68.3	5.1	1.1	Yes	No	0	0
10	1926 Maryland St	1	B	Yes	160	64.9	68.3	60.9	66.9	4	1.4	Yes	No	0	0
11	1934 Maryland St	1	B	Yes		65.5	65.5	60.4	60.4	5.1	5.1	No	Yes	1	0
12	1940 Maryland St	1	B	Yes		65.5	65.5	60	60	5.5	5.5	No	Yes	1	0
13	1952 Maryland St	1	B	Yes		65.9	65.9	59.5	59.5	6.4	6.4	No	Yes	1	0
14	1159 E Harrison St	1	B	Yes		63.6	63.6	58	58	5.6	5.6	No	Yes	1	0
15	2002 Virginia St	1	B	Yes		67.8	67.8	61.6	61.6	6.2	6.2	Yes	Yes	1	0
16	2019 Virginia St - GONE	0													0
17	2041 Virginia St	1	B	Yes		66.1	66.1	60.5	60.5	5.6	5.6	Yes	Yes	1	0
18	2053 Virginia St - GONE	0													0
19	2042 Missouri St	1	B	Yes		64.4	64.4	58.8	58.8	5.6	5.6	No	Yes	1	0
20	2060 Missouri St	1	B	Yes		65.6	65.6	58.8	58.8	6.8	6.8	No	Yes	1	0
21	2065 Missouri St	1	B	Yes		67.4	67.4	61.8	61.8	5.6	5.6	Yes	Yes	1	0
22	2109 Missouri St	1	B	Yes		67.3	67.3	59.2	59.2	8.1	8.1	Yes	Yes	1	1
23	2122 Carolina St - GONE	0													0
24	2130 Carolina St	1	B	Yes		69.8	69.8	60.5	60.5	9.3	9.3	Yes	Yes	1	1
25	2160 Carolina St	1	B	No		67	67	58.7	58.7	8.3	8.3	Yes	Yes	1	1
26	2175 Carolina St	1	B	Yes		73.2	73.2	62.3	62.3	10.9	10.9	Yes	Yes	1	1
27	East Polk St Park (Bball)	1	C	Yes		72.6	72.6	62.3	62.3	10.3	10.3	Yes	Yes	1	1
28	East Polk St Park (Playground)	1	C	Yes		68.7	68.7	59.5	59.5	9.2	9.2	Yes	Yes	1	1
29	East Pol St Park (Baseball)	1	C	Yes		69.4	69.4	59.9	59.9	9.5	9.5	Yes	Yes	1	1
30	2360 Dalrymple Dr	1	B	Yes		69.7	69.7	61.8	61.8	7.9	7.9	Yes	Yes	1	0
31	2424 Dalrymple Dr	1	B	Yes		66.5	66.5	62.2	62.2	4.3	4.3	Yes	No	0	0
32	1813 Georgia St	1	B	No	168	62.6	67.3	57.7	66.2	4.9	1.1	Yes	No	0	0
33	1815 Georgia St	1	B	No	193	62.3	62.4	58	58.2	4.3	4.2	No	No	0	0
34	1837 Georgia St - GONE	0					0		0	0	0				0
35	1839 Georgia St	1	B	No		62.8	62.8	56.7	56.7	6.1	6.1	No	Yes	1	0
36	1841 Georgia St	1	B	No		62.4	62.4	57.3	57.3	5.1	5.1	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
37	1849 Georgia St	1	B	No		62.9	62.9	58.4	58.4	4.5	4.5	No	No	0	0
38	Calvary Third Bapt Ch (no ext use)	1	D	No		38.9	38.9	32.8	32.8	6.1	6.1	No	Yes	1	0
39	1937 Georgia St	1	B	No		63.3	63.3	56.8	56.8	6.5	6.5	No	Yes	1	0
40	1949 Georgia St	1	B	No		62.9	62.9	56.7	56.7	6.2	6.2	No	Yes	1	0
41	1955 Georgia St	1	B	No		62.9	62.9	56.5	56.5	6.4	6.4	No	Yes	1	0
42	1963 Georgia St	1	B	No		62.8	62.8	56.5	56.5	6.3	6.3	No	Yes	1	0
43	1967 Georgia St	1	B	No		62.5	62.5	56.2	56.2	6.3	6.3	No	Yes	1	0
44	1838 Georgia St	1	B	No		63.1	63.1	57.5	57.5	5.6	5.6	No	Yes	1	0
45	1850 Georgia St	1	B	No		63.1	63.1	57.2	57.2	5.9	5.9	No	Yes	1	0
46	1870 Georgia St	1	B	No		62.6	62.6	56.3	56.3	6.3	6.3	No	Yes	1	0
47	1904 Georgia St	1	B	No		62.2	62.2	55.7	55.7	6.5	6.5	No	Yes	1	0
48	1942 Georgia St	1	B	No		61.7	61.7	55	55	6.7	6.7	No	Yes	1	0
49	1950 Georgia St	1	B	No		61.5	61.5	54.9	54.9	6.6	6.6	No	Yes	1	0
50	1956 Georgia St	1	B	No		61.2	61.2	54.7	54.7	6.5	6.5	No	Yes	1	0
51	1923 Kentucky St	1	B	No		65.2	65.2	59.3	59.3	5.9	5.9	No	Yes	1	0
52	1939 Kentucky St	1	B	No		64.5	64.5	58.6	58.6	5.9	5.9	No	Yes	1	0
53	1943 Kentucky St	1	B	No		65.1	65.1	58.8	58.8	6.3	6.3	No	Yes	1	0
54	1955 Kentucky St	1	B	No		65.3	65.3	59.1	59.1	6.2	6.2	No	Yes	1	0
55	1965 Kentucky St	1	B	No		64.9	64.9	58.9	58.9	6	6	No	Yes	1	0
56	1973 Kentucky St - GONE	0													0
57	1920 Kentucky St	1	B	No		64.9	64.9	58.4	58.4	6.5	6.5	No	Yes	1	0
58	1934 Kentucky St	1	B	No		64.9	64.9	58.2	58.2	6.7	6.7	No	Yes	1	0
59	1948 Kentucky St	1	B	No		63.9	63.9	57.7	57.7	6.2	6.2	No	Yes	1	0
60	942 E Harrison St	1	B	No		62.8	62.8	56.5	56.5	6.3	6.3	No	Yes	1	0
61	2010 Kentucky St	1	B	No		62.4	62.4	55.9	55.9	6.5	6.5	No	Yes	1	0
62	2018 Kentucky St	1	B	No		61.8	61.8	55.4	55.4	6.4	6.4	No	Yes	1	0
63	2026 Kentucky St - GONE	0													0
64	2028 Kentucky St - GONE	0													0
65	2009 Kentucky St	1	B	No		63.6	63.6	56.8	56.8	6.8	6.8	No	Yes	1	0
66	2033 Kentucky St	1	B	No		62.3	62.3	55.4	55.4	6.9	6.9	No	Yes	1	0
67	2039 Kentucky St	1	B	No		61.8	61.8	55.6	55.6	6.2	6.2	No	Yes	1	0
68	2055 Kentucky St	1	B	No		61.5	61.5	54.7	54.7	6.8	6.8	No	Yes	1	0
69	2002 Maryland St	1	B	No		66.1	66.1	59.3	59.3	6.8	6.8	Yes	Yes	1	0
70	2010 Maryland St - GONE	0													0
71	2016 Maryland St	1	B	No		65.1	65.1	57.6	57.6	7.5	7.5	No	Yes	1	0
72	2028 Maryland St	1	B	No		64.5	64.5	57.1	57.1	7.4	7.4	No	Yes	1	0
73	2034 Maryland St	1	B	No		64.2	64.2	56.7	56.7	7.5	7.5	No	Yes	1	0
74	2042 Maryland St	1	B	No		63.9	63.9	56.4	56.4	7.5	7.5	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
75	2044 Maryland St	1	B	No		63.8	63.8	56.1	56.1	7.7	7.7	No	Yes	1	0
76	2054 Maryland St	1	B	No		63.3	63.3	55.7	55.7	7.6	7.6	No	Yes	1	0
77	2060 Maryland St	1	B	No		62.8	62.8	55.2	55.2	7.6	7.6	No	Yes	1	0
78	2112 Maryland St	1	B	No		62.6	62.6	54.9	54.9	7.7	7.7	No	Yes	1	0
79	1104 E Harrison St	1	B	No		67.3	67.3	60.6	60.6	6.7	6.7	Yes	Yes	1	0
80	1108 E Harrison St	1	B	No		68	68	61.1	61.1	6.9	6.9	Yes	Yes	1	0
81	2015 Maryland St	1	B	No		68.1	68.1	60.2	60.2	7.9	7.9	Yes	Yes	1	0
82	2025 Maryland St	1	B	No		67.7	67.7	59.4	59.4	8.3	8.3	Yes	Yes	1	1
83	2033 Maryland St	1	B	No		67.1	67.1	58.8	58.8	8.3	8.3	Yes	Yes	1	1
84	2039 Maryland St	1	B	No		66.9	66.9	58.7	58.7	8.2	8.2	Yes	Yes	1	1
85	2045 Maryland St	1	B	No		66.6	66.6	58.5	58.5	8.1	8.1	Yes	Yes	1	1
86	2103 Maryland St	1	B	No		65.7	65.7	57.3	57.3	8.4	8.4	No	Yes	1	1
87	2121 Maryland St	1	B	No		65.3	65.3	56.9	56.9	8.4	8.4	No	Yes	1	1
88	2135 Maryland St	1	B	No		65.1	65.1	56.7	56.7	8.4	8.4	No	Yes	1	1
89	2147 Maryland St	1	B	No		64.8	64.8	56.2	56.2	8.6	8.6	No	Yes	1	1
90	2036 Virginia St	1	B	No		68.9	68.9	61.5	61.5	7.4	7.4	Yes	Yes	1	0
91	2056 Virginia St - GONE	0													0
92	2072 Virginia St	1	B	No		68.5	68.5	59.8	59.8	8.7	8.7	Yes	Yes	1	1
93	2076 Virginia St	1	B	No		66.3	66.3	57.9	57.9	8.4	8.4	Yes	Yes	1	1
94	2110 Virginia St	1	B	No		65.7	65.7	57.2	57.2	8.5	8.5	No	Yes	1	1
95	2120 Virginia St	1	B	No		65.9	65.9	57.5	57.5	8.4	8.4	No	Yes	1	1
96	2140 Virginia St	1	B	No		65.3	65.3	57.5	57.5	7.8	7.8	No	Yes	1	0
97	2164 Virginia St	1	B	No		64.7	64.7	56.4	56.4	8.3	8.3	No	Yes	1	1
98	2174 Virginia St	1	B	No		64.5	64.5	56.3	56.3	8.2	8.2	No	Yes	1	1
99	2079 Virginia St	1	B	No		66.3	66.3	59.1	59.1	7.2	7.2	Yes	Yes	1	0
100	2085 Virginia St	1	B	No		65.3	65.3	57.7	57.7	7.6	7.6	No	Yes	1	0
101	2111 Virginia St	1	B	No		64.7	64.7	57.2	57.2	7.5	7.5	No	Yes	1	0
102	2115 Virginia St	1	B	No		63.8	63.8	56.6	56.6	7.2	7.2	No	Yes	1	0
103	2129 Virginia St	1	B	No		63.2	63.2	55.9	55.9	7.3	7.3	No	Yes	1	0
104	2149 Virginia St	1	B	No		62	62	55.1	55.1	6.9	6.9	No	Yes	1	0
105	2136 Missouri St	1	B	No		64.9	64.9	57.1	57.1	7.8	7.8	No	Yes	1	0
106	2148 Missouri St	1	B	No		63.8	63.8	56.5	56.5	7.3	7.3	No	Yes	1	0
107	2178 Missouri St - GONE	0													0
108	2186 Missouri St - GONE	0													0
109	1157 E Polk St	1	B	No		60.7	60.7	54.4	54.4	6.3	6.3	No	Yes	1	0
110	1158 E Polk St	1	B	No		59.3	59.3	53.6	53.6	5.7	5.7	No	Yes	1	0
111	1156 E Polk St	1	B	No		58.9	58.9	53.8	53.8	5.1	5.1	No	Yes	1	0
112	2135 Missouri St	1	B	No		65.2	65.2	58.3	58.3	6.9	6.9	No	Yes	1	0
113	2161 Missouri St	1	B	No		63.6	63.6	56.8	56.8	6.8	6.8	No	Yes	1	0

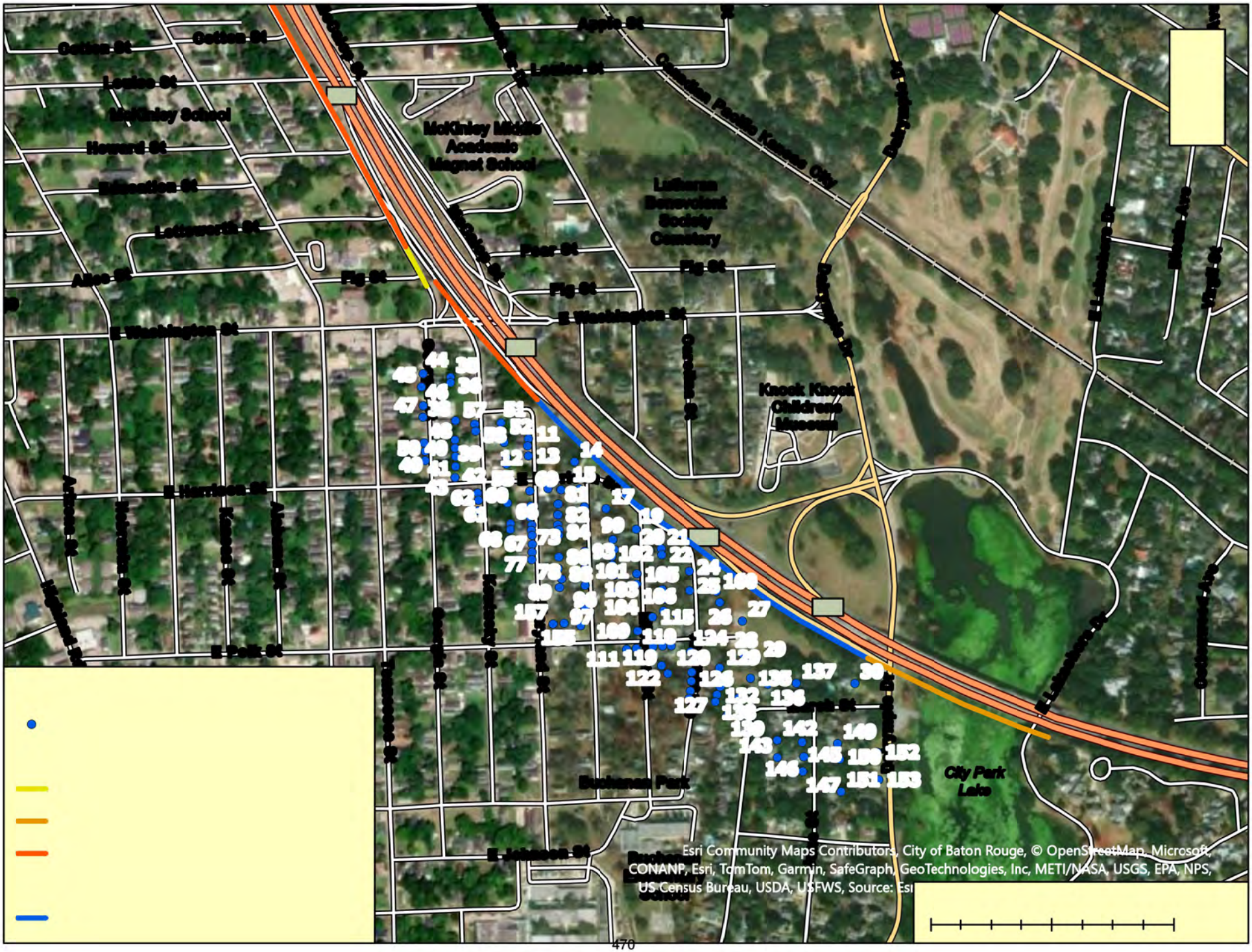
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
114	2173 Missouri St	1	B	No		63.3	63.3	56.6	56.6	6.7	6.7	No	Yes	1	0
115	1209 E Polk St	1	B	No		61.6	61.6	55.4	55.4	6.2	6.2	No	Yes	1	0
116	1211 E Polk St	1	B	No		62.2	62.2	55.8	55.8	6.4	6.4	No	Yes	1	0
117	1221 E Polk St	1	B	No		62.3	62.3	56.3	56.3	6	6	No	Yes	1	0
118	1206 E Polk St	1	B	No		59.3	59.3	53.8	53.8	5.5	5.5	No	Yes	1	0
119	1210 E Polk St	1	B	No		59.1	59.1	53.8	53.8	5.3	5.3	No	Yes	1	0
120	1212 E Polk St	1	B	No		58.9	58.9	53.8	53.8	5.1	5.1	No	Yes	1	0
121	2201 Missouri St	1	B	No		58.4	58.4	52.1	52.1	6.3	6.3	No	Yes	1	0
122	2221 Missouri St	1	B	No		58.5	58.5	52	52	6.5	6.5	No	Yes	1	0
123	1229 E Polk St	1	B	No		65	65	57.8	57.8	7.2	7.2	No	Yes	1	0
124	1236 E Polk St	1	B	No		62.4	62.4	56	56	6.4	6.4	No	Yes	1	0
125	2236 Carolina St	1	B	No		59.7	59.7	53.1	53.1	6.6	6.6	No	Yes	1	0
126	2266 Carolina St	1	B	No		57.9	57.9	51.8	51.8	6.1	6.1	No	Yes	1	0
127	2270 Carolina St	1	B	No		56.9	56.9	51.3	51.3	5.6	5.6	No	Yes	1	0
128	2282 Carolina St	1	B	No		55.7	55.7	50.6	50.6	5.1	5.1	No	Yes	1	0
129	2245 Carolina St	1	B	No		64.5	64.5	57.6	57.6	6.9	6.9	No	Yes	1	0
130	2249 Carolina St	1	B	No		63.5	63.5	56.5	56.5	7	7	No	Yes	1	0
131	2265 Carolina St	1	B	No		62.3	62.3	55.8	55.8	6.5	6.5	No	Yes	1	0
132	2269 Carolina St	1	B	No		61.2	61.2	55.2	55.2	6	6	No	Yes	1	0
133	2273 Carolina St	1	B	No		60	60	54.4	54.4	5.6	5.6	No	Yes	1	0
134	2289 Carolina St	1	B	No		58.3	58.3	54.4	54.4	3.9	3.9	No	No	0	0
135	1705 March St	1	B	No		64.9	64.9	58.1	58.1	6.8	6.8	No	Yes	1	0
136	1735 March St	1	B	No		66.5	66.5	58.3	58.3	8.2	8.2	Yes	Yes	1	1
137	1775 March St	1	B	No		67.3	67.3	59	59	8.3	8.3	Yes	Yes	1	1
138	2408 July St	1	B	No		62.5	62.5	56.4	56.4	6.1	6.1	No	Yes	1	0
139	2412 July St	1	B	No		59.9	59.9	54.7	54.7	5.2	5.2	No	Yes	1	0
140	2430 July St	1	B	No		61.3	61.3	58.2	58.2	3.1	3.1	No	No	0	0
141	2407 July St	1	B	No		64.4	64.4	61.7	61.7	2.7	2.7	No	No	0	0
142	2425 July St	1	B	No		60	60	54.2	54.2	5.8	5.8	No	Yes	1	0
143	2437 July St	1	B	No		59.2	59.2	53	53	6.2	6.2	No	Yes	1	0
144	2406 June St	1	B	No		64.5	64.5	60.8	60.8	3.7	3.7	No	No	0	0
145	2416 June St	1	B	No		61.9	61.9	55.8	55.8	6.1	6.1	No	Yes	1	0
146	2434 June St	1	B	No		59.8	59.8	53.2	53.2	6.6	6.6	No	Yes	1	0
147	2446 June St	1	B	No		58.3	58.3	52	52	6.3	6.3	No	Yes	1	0
148	2405 June St	1	B	No		65.4	65.4	61.8	61.8	3.6	3.6	No	No	0	0
149	2425 June St	1	B	No		61.4	61.4	55.5	55.5	5.9	5.9	No	Yes	1	0
150	2435 June St	1	B	No		61.3	61.3	55.2	55.2	6.1	6.1	No	Yes	1	0
151	2519 June St	1	B	No		60.1	60.1	53.6	53.6	6.5	6.5	No	Yes	1	0
152	2502 Dalrymple Dr	1	B	No		64.8	64.8	59.5	59.5	5.3	5.3	No	Yes	1	0

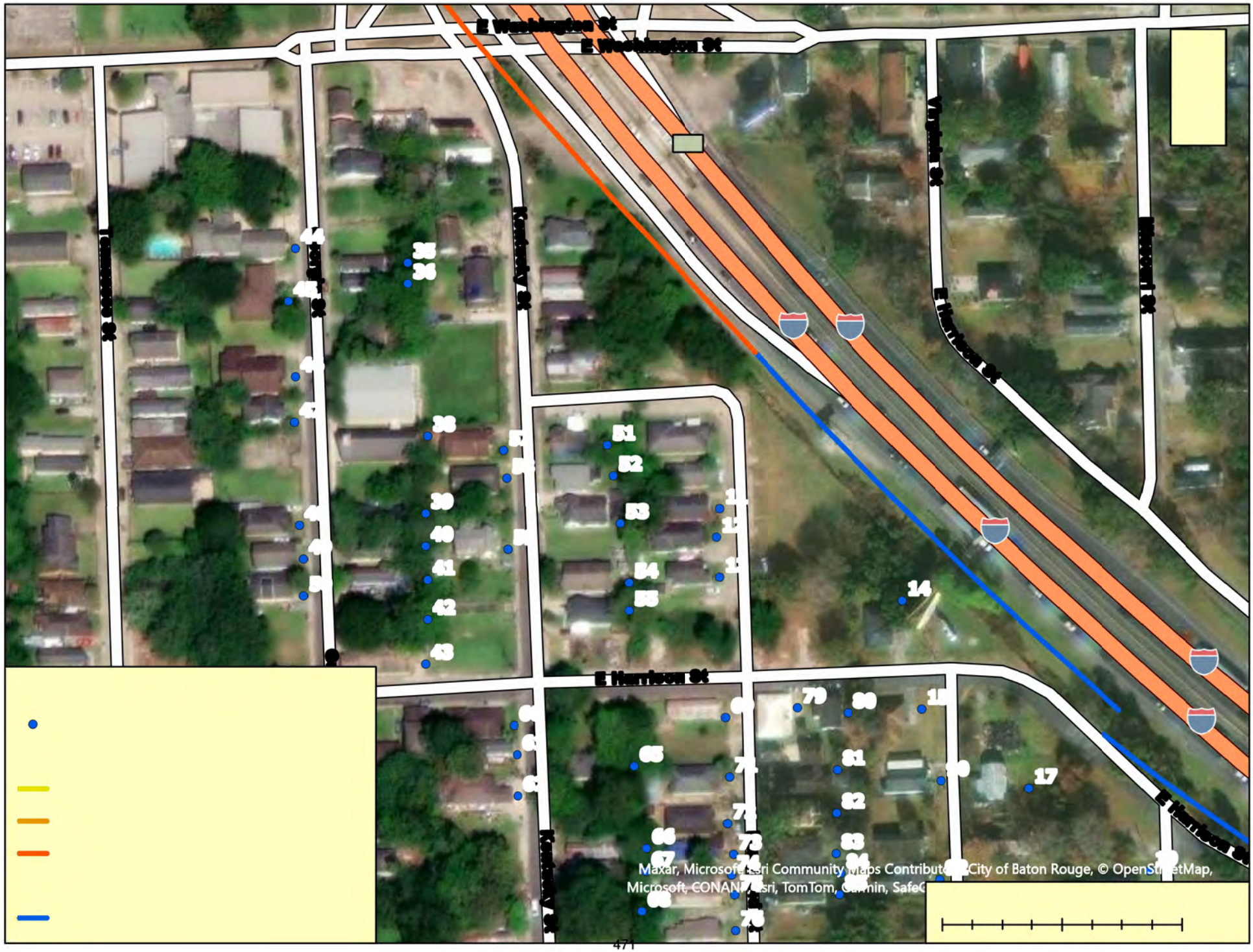
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
153	2436 Dalrymple Dr	1	B	No		63.7	63.7	58.7	58.7	5	5	No	Yes	1	0
154	2528 Dalrymple Dr	1	B	No		62	62	57.5	57.5	4.5	4.5	No	No	0	0
155	1055 E Polk St	1	B	No		63.5	63.5	55.5	55.5	8	8	No	Yes	1	1
156	1015-1017 E Polk	2	B	No		62.9	62.9	54.4	54.4	8.5	8.5	No	Yes	2	2
157	1005 E Polk	1	B	No		61.8	61.8	53.9	53.9	7.9	7.9	No	Yes	1	0
158	1855 Kentucky St	1	B	Yes	70	68	72.7	62.1	71.4	5.9	1.3	Yes	No	0	0
159	1807 Georgia St	1	B	Yes	141	65.8	69.2	62.3	68	3.5	1.2	Yes	No	0	0
160	2165 Carolina St	1	B	Yes		74.6	74.6	63.3	63.3	11.3	11.3	Yes	Yes	1	1
														Total	Total
														128	27

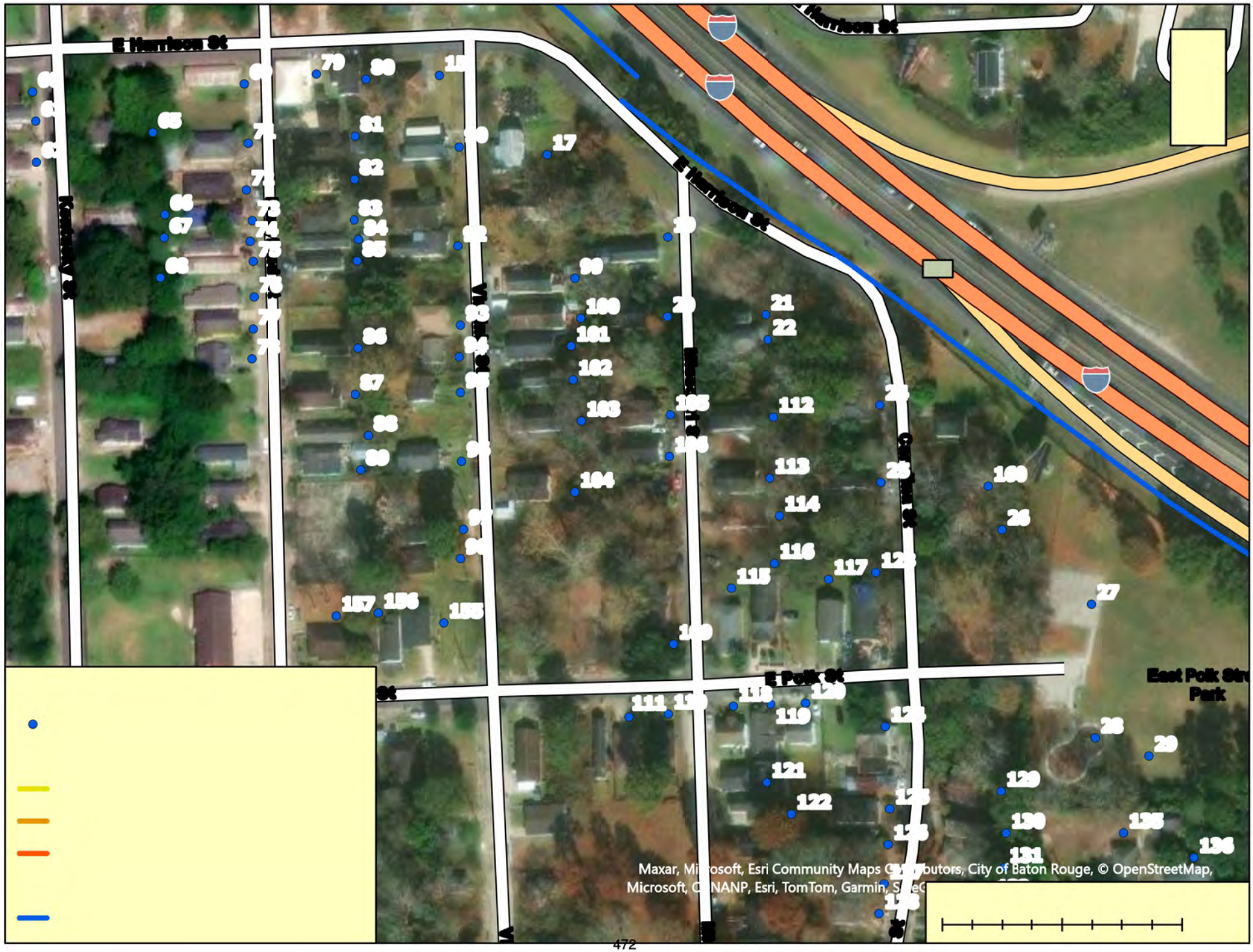
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB2_Abatement (261-270)	1604	101	12	1212	$58	$70,296	$634,752
EB2_Abatement (261-270)	1605	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1606	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1607	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1608	202	12	2424	$58	$140,592	
EB2_Abatement (1246-261)	1537	100	0	0	$71	$0	$1,612,552
EB2_Abatement (1246-261)	1538	220	17	3740	$71	$265,540	
EB2_Abatement (1246-261)	1539	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1540	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1541	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1542	198	17	3366	$71	$238,986	
EB2_Abatement (1246-261)	1543	208	17	3536	$71	$251,056	
EB2_Abatement (1246-261)	1544	101	17	1717	$71	$121,907	
EB2_Abatement (242-248)	1532	198	17	3366	$71	$238,986	$708,509
EB2_Abatement (242-248)	1533	206	17	3502	$71	$248,642	
EB2_Abatement (242-248)	1534	183	17	3111	$71	$220,881	
EB1_Abatement_(235-242)	1780	206	14	2884	$58	$167,272	$579,768
EB1_Abatement_(235-242)	1781	102	14	1428	$58	$82,824	
EB1_Abatement_(235-242)	1782	202	14	2828	$58	$164,024	
EB1_Abatement_(235-242)	1784	204	14	2856	$58	$165,648	
EB1_Abatement_(220-1242)	1518	101	14	1414	$58	$82,012	$1,178,328
EB1_Abatement_(220-1242)	1519	100	14	1400	$58	$81,200	
EB1_Abatement_(220-1242)	1520	201	14	2814	$58	$163,212	
EB1_Abatement_(220-1242)	1521	200	14	2800	$58	$162,400	
EB1_Abatement_(220-1242)	1522	299	14	4186	$58	$242,788	
EB1_Abatement_(220-1242)	1523	203	14	2842	$58	$164,836	
EB1_Abatement_(220-1242)	1524	99	14	1386	$58	$80,388	

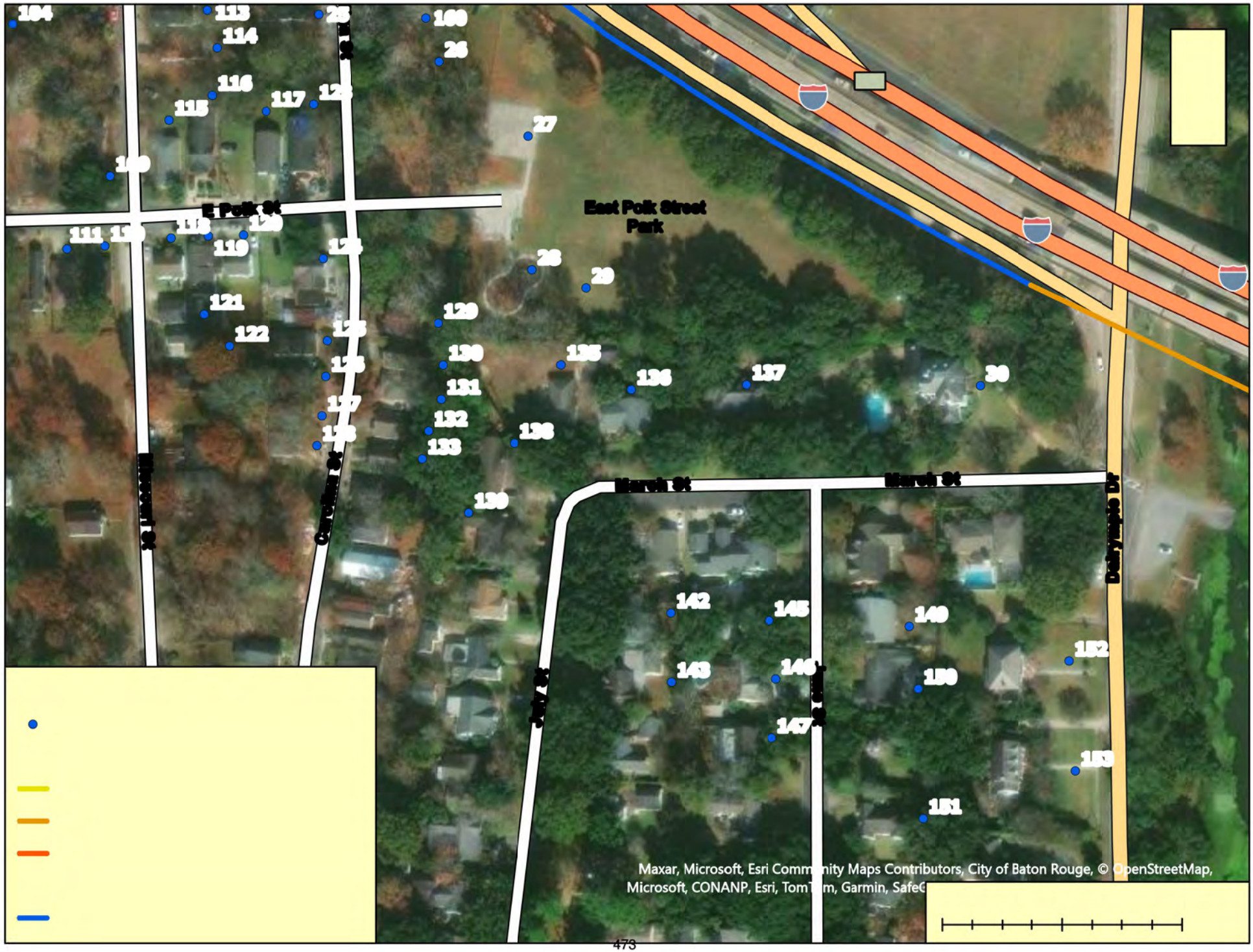
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abatement_(220-1242)	1525	101	14	1414	$58	$82,012	
EB1_Abatement_(220-1242)	1526	206	10	2060	$58	$119,480	
EB1_Abatement_(220-1242)	1527	101	0	0	$58	$0	
EB1_Abatement_(220-1242)	1528	104	0	0	$58	$0	
EB1_Abatement_(220-1242)	1529	116	0	0	$58	$0	
EB1_Abatement_(220-1242)	1761	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1762	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1763	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1764	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1765	39	0	0	$58	$0	
							Total
							$4,713,909

# of 1st Row Impacted Receptors	23
# of 1st Row Impacted Receptors & Benefitted	11
Percent of 1st Row Impacted Receptors Benefit	48%
Feasible?	No
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	128
Total Cost	$4,713,909
Total Cost per Benefitted Receptors	$36,827.41
Meets Cost Effectiveness Goal?	Yes
Potentially Reasonable?	Yes


Cotton St
Lexington St
McKinley School
Howard St
Edmondson St
Letourneau St
Alice St
Fig St
E Washington St
E Harrison St
E Polk St
E Johnson St
Pear St
Apple St
McKinley Middle Academic Magnet School
Christian Pentecostal Church Kansas City
Lutheran Benevolent Society Cemetery
Knock Knock Children's Museum
Buchanan Park
City Park Lake
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Source: Esri


E Washington St
E Washington St
E Harrison St
E Harrison St
E Harrison St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


E Harrison St
E Polk St
East Polk Street Park
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CNANP, Esri, TomTom, Garmin, SafeGraph


East Polk Street Park
E Polk St
Harvin St
Harvin St
Harvin St
Dalrymple Dr
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, Safe

Appendix I-7

WB2 Mid Barriers

WB2 NSA Mid Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1205 Fig St	1	B	Yes	155	67.7	69.8	61.1	67	6.6	2.8	Yes	No	0	0
2	1134 Pear St	1	B	Yes	126	67.6	70.1	61.2	67.6	6.4	2.5	Yes	No	0	0
3	1120 Pear St	1	B	Yes	107	67.7	70.7	61.7	68.7	6	2	Yes	No	0	0
4	1185 Pear St	1	B	Yes	112	68.9	71.3	62.8	68.9	6.1	2.4	Yes	No	0	0
5	Mckinley Middle Classroom Ext (West)	1	D	Yes	137	42.8	48.1	36.4	47	6.4	1.1	No	No	0	0
6	McKinley Middle Classroom Ext (North)	1	D	Yes	179	39.7	46.1	34	45.3	5.7	0.8	No	No	0	0
7	1103 Louise St	1	B	Yes	30	66.8	74.2	64.3	73.8	2.5	0.4	Yes	No	0	0
8	1117 Louise St - GONE	0													
9	1125 Hickory St	1	B	Yes	138	68	70.3	62.4	68	5.6	2.3	Yes	No	0	0
10	1117 Pecan St	1	B	Yes	71	68.5	72.9	64.3	71.7	4.2	1.2	Yes	No	0	0
11	1120 Swart St - GONE	0													
12	1349 McCalop St - GONE	0													
13	1138 Terrace St	1	B	Yes	48	67.8	74.3	67	74.2	0.8	0.1	Yes	No	0	0
14	1123 Terrace St	1	B	No	26	67.5	74.3	67.4	74.3	0.1	0	Yes	No	0	0
15	1108 Julia St	1	B	No	44	69.2	74.7	69.1	74.7	0.1	0	Yes	No	0	0
16	St Francis Xavier Ch (courtyard)	1	C	No	43	69.1	74.7	69.1	74.7	0	0	Yes	No	0	0
17	St Francis Xavier Ch (West)	1	D	No	48	44.7	51.1	44.7	51.1	0	0	Yes	No	0	0
18	1107 Myrtle St	1	B	No	86	68.5	71.8	68.4	71.8	0.1	0	Yes	No	0	0
19	927 S 11th St	1	B	No	50	68.5	72.9	68.5	72.9	0	0	Yes	No	0	0
20	1118 South St	1	B	No	112	67.6	70.6	67.6	70.7	0	-0.1	Yes	No	0	0
21	1073 South St	1	B	No	19	69.3	78	69.3	78.1	0	-0.1	Yes	No	0	0
22	846 S 12th St	1	B	No	155	68.2	70.1	68.2	70.1	0	0	Yes	No	0	0
23	824 S 12th St	1	B	No	165	67.7	69.8	67.6	69.7	0.1	0.1	Yes	No	0	0
24	810 S 12th St	1	B	No	155	67.4	69.6	67.4	69.6	0	0	Yes	No	0	0
25	1084 Mayflower St	1	B	No	53	67.1	72.4	67.1	72.4	0	0	Yes	No	0	0
26	714 S 12th St	1	B	No		66	66	66	66	0	0	Yes	No	0	0
27	702 S 12th St	1	B	No		66.4	66.4	66.3	66.3	0.1	0.1	Yes	No	0	0
28	Non-profits Buildings	1	D	No		41.2	41.2	41.2	41.2	0	0	No	No	0	0
29	1223 E Washington St - GONE	0													
30	1229 E Washington St	1	B	Yes		66.5	66.5	59.8	59.8	6.7	6.7	Yes	Yes	1	0
31	1235 E Washington St	1	B	No		65.7	65.7	59.1	59.1	6.6	6.6	No	Yes	1	0
32	1237 E Washington St	1	B	No		65.6	65.6	58.9	58.9	6.7	6.7	No	Yes	1	0
33	1303 E Washington St	1	B	No		65.2	65.2	58.4	58.4	6.8	6.8	No	Yes	1	0
34	1305 E Washington St - GONE	0													

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
35	1319 E Washington St	1	B	No		64.4	64.4	57.7	57.7	6.7	6.7	No	Yes	1	0
36	1321 E Washington St	1	B	No		63.8	63.8	57.2	57.2	6.6	6.6	No	Yes	1	0
37	1325 E Washington St - GONE	0													
38	1327 E Washington St	1	B	No		62.8	62.8	56.7	56.7	6.1	6.1	No	Yes	1	0
39	1211 Fig St	1	B	No		66.3	66.3	59.9	59.9	6.4	6.4	Yes	Yes	1	0
40	1237 Fig St - GONE	0													
41	1249 Fig St - GONE	0													
42	1263 Fig St - GONE	0													
43	1774 Eddie Robinson Sr Dr	1	B	No		64.2	64.2	57.4	57.4	6.8	6.8	No	Yes	1	0
44	1768 Eddie Robinson Sr Dr	1	B	No		64	64	57.4	57.4	6.6	6.6	No	Yes	1	0
45	1762 Eddie Robinson Sr Dr	1	B	No		64.1	64.1	57.2	57.2	6.9	6.9	No	Yes	1	0
46	1740 Eddie Robinson Sr Dr	1	B	No		62.5	62.5	56	56	6.5	6.5	No	Yes	1	0
47	1258 Pear St	1	B	No		66.5	66.5	59.5	59.5	7	7	Yes	Yes	1	0
48	1280 Pear St	1	B	No		64.8	64.8	57.8	57.8	7	7	No	Yes	1	0
49	1338 Pear St (Duplex)	2	B	No		64	64	57	57	7	7	No	Yes	2	0
50	1344 Pear St (Duplex)	2	B	No		63.6	63.6	56.7	56.7	6.9	6.9	No	Yes	2	0
51	1173 Pear St	1	B	No	148	66.9	69.7	60.2	67.4	6.7	2.3	Yes	No	0	0
52	1217 Pear St	1	B	No		65.7	65.7	59.3	59.3	6.4	6.4	No	Yes	1	0
53	1225 Pear St - GONE	0													
54	Brooks Park (Pool)	1	C	No		64.3	64.3	57.2	57.2	7.1	7.1	No	Yes	1	0
55	Brooks Park (Playground)	1	C	No		64.6	64.6	57.5	57.5	7.1	7.1	No	Yes	1	0
56	1123 Louise St	1	B	No	130	67.5	70.1	61.8	67.8	5.7	2.3	Yes	No	0	0
57	McKnowen MBapt Church (no ext use)	1	D	No		40.4	40.4	35	35	5.4	5.4	No	Yes	1	0
58	1265 Louise St	1	B	No		61	61	55.7	55.7	5.3	5.3	No	Yes	1	0
59	1137 Hickory St	1	B	No		63	63	59	59	4	4	No	No	0	0
60	1203 Hickory St	1	B	No		65.4	65.4	60.1	60.1	5.3	5.3	No	Yes	1	0
61	1255 Hickory St	1	B	No		62.1	62.1	58.9	58.9	3.2	3.2	No	No	0	0
62	1129 Pecan St - GONE	0													
63	1128 Swart St - GONE	0													
64	1132 Swart St	1	B	Yes	162	64.7	68.2	62.5	62.5	2.2	5.7	Yes	Yes	1	0
65	1138 Swart St	1	B	No		64.1	64.1	62.1	62.1	2	2	No	No	0	0
66	1158 Swart St	1	B	No		64.6	64.6	61.3	61.3	3.3	3.3	No	No	0	0
67	1408 Swart St	1	B	No		63.2	63.2	58.2	58.2	5	5	No	Yes	1	0
68	1145 Swart St	1	B	Yes		67.4	67.4	64.3	64.3	3.1	3.1	Yes	No	0	0
69	1163 Swart St	1	B	No		66.9	66.9	63.9	63.9	3	3	Yes	No	0	0
70	1181 Swart St	1	B	No		64.6	64.6	61.6	61.6	3	3	No	No	0	0
71	1249 Swart St	1	B	No		64.9	64.9	61.1	61.1	3.8	3.8	No	No	0	0
72	1265 Swart St	1	B	No		63.8	63.8	57.9	57.9	5.9	5.9	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
73	1150 Terrace St (Apts 1st floor)	2	B	No	104	67.1	70.4	65.5	69.8	1.6	0.6	Yes	No	0	0
74	1150 Terrace St (Apts 2nd floor)	2	B	No	106	70.2	72.2	68.2	71	2	1.2	Yes	No	0	0
75	New Prospect MBapt Church (no ext)	1	D	No		41.3	41.3	40.2	40.2	1.1	1.1	No	No	0	0
76	1125 Terrace St	1	B	No	103	67.4	70.6	67	70.4	0.4	0.2	Yes	No	0	0
77	St Francis Xavier Early Child Dev (playground)	1	C	No		67.4	67.4	66.7	66.7	0.7	0.7	Yes	No	0	0
78	1209 Terrace St	1	B	No		65.3	65.3	63.7	63.7	1.6	1.6	No	No	0	0
79	1217 Terrace St	1	B	No		64.9	64.9	63.2	63.2	1.7	1.7	No	No	0	0
80	1223 Terrace St	1	B	No		64.7	64.7	62.8	62.8	1.9	1.9	No	No	0	0
81	1225 Terrace St	1	B	No		64.3	64.3	62.2	62.2	2.1	2.1	No	No	0	0
82	1233 Terrace St	1	B	No		63.9	63.9	61.9	61.9	2	2	No	No	0	0
83	1235 Terrace St	1	B	No		63.1	63.1	61.4	61.4	1.7	1.7	No	No	0	0
84	1232 S 12th St	1	B	No	200	67.5	67.5	67.1	67.1	0.4	0.4	Yes	No	0	0
85	1226 S 12th St	1	B	No		67.2	67.2	66.8	66.8	0.4	0.4	Yes	No	0	0
86	1245 S 12th St	1	B	No		65.3	65.3	64.1	64.1	1.2	1.2	No	No	0	0
87	1237 S 12th St	1	B	No		64.8	64.8	63.6	63.6	1.2	1.2	No	No	0	0
88	1112 Julia St	1	B	No		68.1	68.1	68	68	0.1	0.1	Yes	No	0	0
89	St Francis Xavier Child Care Ctr (playground)	1	C	No		67.5	67.5	67.3	67.3	0.2	0.2	Yes	No	0	0
90	St Francis Xavier Child Care Ctr (ext)	1	D	No		41.2	41.2	40.9	40.9	0.3	0.3	No	No	0	0
91	1208 Julia St	1	B	No		63	63	62.2	62.2	0.8	0.8	No	No	0	0
92	1214 Julia St	1	B	No		62.2	62.2	61.6	61.6	0.6	0.6	No	No	0	0
93	1219 Julia St	1	B	No		61.7	61.7	61	61	0.7	0.7	No	No	0	0
94	1227 Julia St	1	B	No		61.9	61.9	61	61	0.9	0.9	No	No	0	0
95	1202 Myrtle St - GONE	0													
96	1214 Myrtle St	1	B	No		60.7	60.7	60.1	60.1	0.6	0.6	No	No	0	0
97	1220 Myrtle St	1	B	No		61.3	61.3	60.9	60.9	0.4	0.4	No	No	0	0
98	1222 Myrtle St	1	B	No		61.2	61.2	60.9	60.9	0.3	0.3	No	No	0	0
99	1109 Myrtle St	1	B	No	125	67.1	69.8	67.1	69.8	0	0	Yes	No	0	0
100	1113 Myrtle St	1	B	No	155	66.3	69	66.3	69	0	0	Yes	No	0	0
101	1209 Myrtle St	1	B	No		61.9	61.9	61.6	61.6	0.3	0.3	No	No	0	0
102	1225 Myrtle St	1	B	No		58.3	58.3	57.6	57.6	0.7	0.7	No	No	0	0
103	1227 Myrtle St	1	B	No		59.2	59.2	58.7	58.7	0.5	0.5	No	No	0	0
104	968 S 12th St	1	B	No		64.2	64.2	64.2	64.2	0	0	No	No	0	0
105	966 S 12th St	1	B	No		64.1	64.1	64.1	64.1	0	0	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
106	962 S 12th St	1	B	No		63.2	63.2	63.2	63.2	0	0	No	No	0	0
107	954 S 12th St	1	B	No		62.3	62.3	62.2	62.2	0.1	0.1	No	No	0	0
108	946 S 12th St	1	B	No		62.3	62.3	62.3	62.3	0	0	No	No	0	0
109	932 S 12th St	1	B	No		63.8	63.8	63.8	63.8	0	0	No	No	0	0
110	951 S 12th St	1	B	No		63.3	63.3	63.1	63.1	0.2	0.2	No	No	0	0
111	945 S 12th St	1	B	No		63.2	63.2	63	63	0.2	0.2	No	No	0	0
112	917 S 12th St	1	B	No		63.2	63.2	63	63	0.2	0.2	No	No	0	0
113	915 S 12th St	1	B	No		63.1	63.1	63	63	0.1	0.1	No	No	0	0
114	911 S 12th St	1	B	No		63.2	63.2	63	63	0.2	0.2	No	No	0	0
115	1128 South St	1	B	No		65.9	65.9	65.9	65.9	0	0	No	No	0	0
116	1134 South St	1	B	No		66.1	66.1	66.1	66.1	0	0	Yes	No	0	0
117	1146 South St	1	B	No		64.5	64.5	64.5	64.5	0	0	No	No	0	0
118	1202 South St	1	B	No		63.2	63.2	63.1	63.1	0.1	0.1	No	No	0	0
119	1204 South St - GONE	0													
120	1208 South St	1	B	No		59.7	59.7	59.4	59.4	0.3	0.3	No	No	0	0
121	1121 South St	1	B	No		64.7	64.7	64.6	64.6	0.1	0.1	No	No	0	0
122	1131 South St	1	B	No		62.3	62.3	62.2	62.2	0.1	0.1	No	No	0	0
123	1211 South St	1	B	No		60.4	60.4	60.2	60.2	0.2	0.2	No	No	0	0
124	804 S 12th St	1	B	No		66.8	66.8	66.8	66.8	0	0	Yes	No	0	0
125	744 S 12th St	1	B	No		66.2	66.2	66.2	66.2	0	0	Yes	No	0	0
126	839 S 12th St	1	B	No		65.1	65.1	65.1	65.1	0	0	No	No	0	0
127	823 S 12th St	1	B	No		65	65	65	65	0	0	No	No	0	0
128	763 S 12th St	1	B	No		63.4	63.4	63.4	63.4	0	0	No	No	0	0
129	721 S 12th St	1	B	No		63.3	63.3	63.3	63.3	0	0	No	No	0	0
130	703 S 12th St	1	B	No		63.8	63.8	63.8	63.8	0	0	No	No	0	0
131	870 Peach St	1	B	No		62.7	62.7	62.6	62.6	0.1	0.1	No	No	0	0
132	842 Peach St	1	B	No		62.5	62.5	62.5	62.5	0	0	No	No	0	0
133	826 Peach St	1	B	No		62.2	62.2	62.2	62.2	0	0	No	No	0	0
134	712 Peach St	1	B	No		61	61	60.9	60.9	0.1	0.1	No	No	0	0
135	706 Peach St	1	B	No		60.7	60.7	60.7	60.7	0	0	No	No	0	0
136	702 Peach St	1	B	No		58.9	58.9	58.9	58.9	0	0	No	No	0	0
137	871 Peach St	1	B	No		59.7	59.7	59.5	59.5	0.2	0.2	No	No	0	0
138	833 Peach St	1	B	No		60.8	60.8	60.7	60.7	0.1	0.1	No	No	0	0
139	807 Peach St	1	B	No		61.1	61.1	61	61	0.1	0.1	No	No	0	0
140	805 Peach St	1	B	No		61.1	61.1	61	61	0.1	0.1	No	No	0	0
141	803 Peach St	1	B	No		60.8	60.8	60.7	60.7	0.1	0.1	No	No	0	0
142	711 Peach St	1	B	No		60.1	60.1	60	60	0.1	0.1	No	No	0	0
143	701 Peach St	1	B	No		58.9	58.9	58.8	58.8	0.1	0.1	No	No	0	0
144	860 Eddie Robinson Sr Dr	1	B	No		60.2	60.2	59.9	59.9	0.3	0.3	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
145	850 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	59.9	59.9	0.2	0.2	No	No	0	0
146	848 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	60.1	60.1	0.2	0.2	No	No	0	0
147	844 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	60.1	60.1	0.3	0.3	No	No	0	0
148	834 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	60.1	60.1	0.2	0.2	No	No	0	0
149	828 Eddie Robinson Sr Dr - GONE	0													
150	826 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	60.2	60.2	0.2	0.2	No	No	0	0
151	824 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	59.9	59.9	0.2	0.2	No	No	0	0
152	810 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	59.9	59.9	0.2	0.2	No	No	0	0
153	722 Eddie Robinson Sr Dr	1	B	No		59.9	59.9	59.8	59.8	0.1	0.1	No	No	0	0
154	714 Eddie Robinson Sr Dr	1	B	No		59.6	59.6	59.4	59.4	0.2	0.2	No	No	0	0
155	706 Eddie Robinson Sr Dr	1	B	No		58.3	58.3	58.1	58.1	0.2	0.2	No	No	0	0
156	702 Eddie Robinson Sr Dr - GONE	0													
157	640 Eddie Robinson Sr Dr	1	B	No		57.8	57.8	57.7	57.7	0.1	0.1	No	No	0	0
158	638 Eddie Robinson Sr Dr	2	B	No		57.8	57.8	57.7	57.7	0.1	0.1	No	No	0	0
159	632 Eddie Robinson Sr Dr - GONE	0													
160	626 Eddie Robinson Sr Dr - GONE	0													
161	614 Eddie Robinson Sr Dr	1	B	No		56.3	56.3	56.1	56.1	0.2	0.2	No	No	0	0
162	590 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	49.1	49.1	1	1	No	No	0	0
163	576 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	49.3	49.3	0.8	0.8	No	No	0	0
164	564 Eddie Robinson Sr Dr	1	B	No		51	51	50.1	50.1	0.9	0.9	No	No	0	0
165	Expressway Park (Football)	1	C	No	40	68.9	74.7	68.9	74.6	0	0.1	Yes	No	0	0
166	Expressway Park (BBall)	1	C	No	40	67.9	74.4	67.9	74.4	0	0	Yes	No	0	0
167	Expressway Park (Picnic Shelter)	1	C	No	45	68.2	74.5	68.2	74.5	0	0	Yes	No	0	0
168	Expressway Park (playground)	1	C	No	40	67.8	74.4	67.8	74.4	0	0	Yes	No	0	0
														Total	Total
														27	0

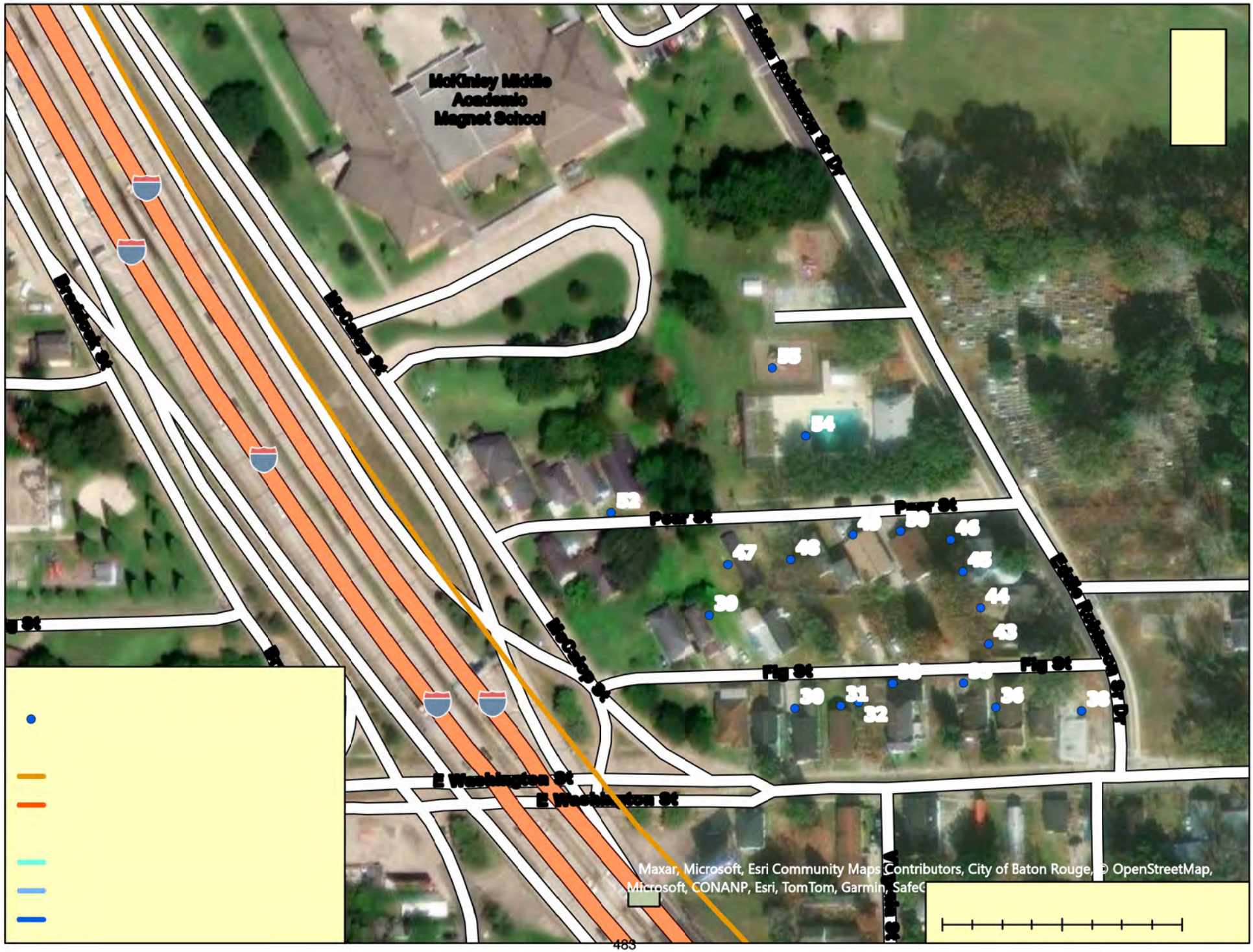
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_Abatement (199 - 191)	1634	200	0	0	$71	$0	$0
WB2_Abatement (199 - 191)	1635	201	0	0	$71	$0	
WB2_Abatement (199 - 191)	1636	199	0	0	$71	$0	
WB2_Abatement (199 - 191)	1637	210	0	0	$71	$0	
WB2_ (196+35 - 191)	1600	134	0	0	$71	$0	$0

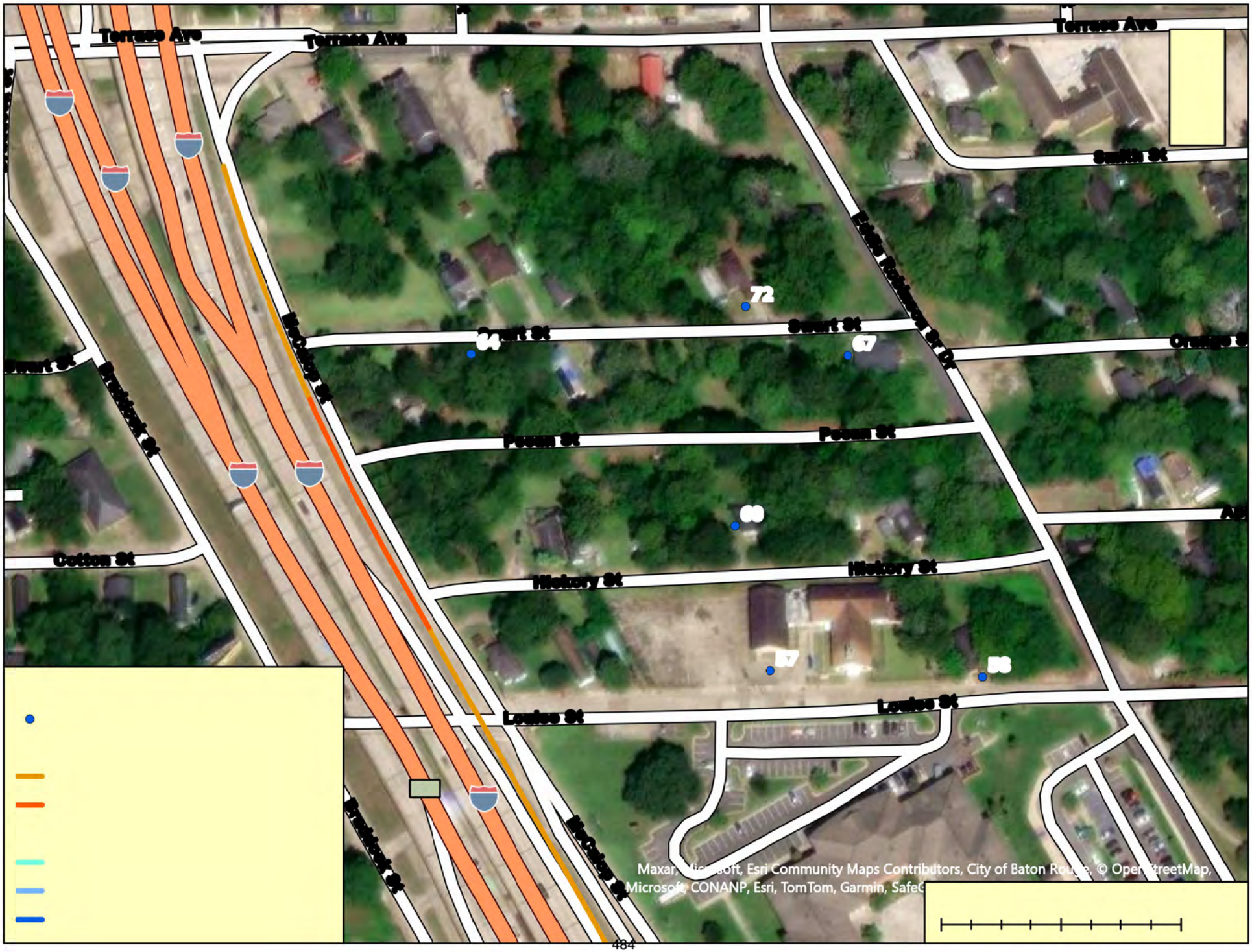
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_ (196+35 - 191)	1601	202	0	0	$71	$0	
WB2_ (196+35 - 191)	1602	212	0	0	$71	$0	
I-10eb to I-110nb (outer)	1641	201	0	0	$58	$0	$0
I-10eb to I-110nb (outer)	1642	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1643	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1644	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1645	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1646	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1647	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1648	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1649	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1650	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1651	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1652	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1653	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1654	150	0	0	$58	$0	
I110sb to I10eb (inner)	1709	100	0	0	$58	$0	$0
I110sb to I10eb (inner)	1710	200	0	0	$58	$0	
I110sb to I10eb (inner)	1711	200	0	0	$58	$0	
I110sb to I10eb (inner)	1712	199	0	0	$58	$0	
I110sb to I10eb (inner)	1713	192	0	0	$58	$0	
I110sb to I10eb (inner)-2	1756	124	0	0	$58	$0	$0
I110sb to I10eb (inner)-2	1715	199	0	0	$58	$0	
I110sb to I10eb (inner)-2	1716	203	0	0	$58	$0	
I110sb to I10eb (inner)-2	1717	180	0	0	$58	$0	
I110sb to I10eb (inner)-2	1718	104	0	0	$58	$0	
I110sb to I10eb (inner)-2	1719	100	0	0	$58	$0	
I10nb to I10wb (outer)	1691	204	0	0	$58	$0	$0
I10nb to I10wb (outer)	1692	111	0	0	$58	$0	
I10nb to I10wb (outer)	1693	105	0	0	$58	$0	
I10nb to I10wb (outer)	1694	108	0	0	$58	$0	
I10nb to I10wb (outer)	1695	103	0	0	$58	$0	
I10nb to I10wb (outer)	1696	108	0	0	$58	$0	
I10nb to I10wb (outer)	1697	104	0	0	$58	$0	
I10nb to I10wb (outer)	1698	105	0	0	$58	$0	
I10nb to I10wb (outer)	1699	105	0	0	$58	$0	
I10nb to I10wb (outer)	1700	103	0	0	$58	$0	
I10nb to I10wb (outer)	1701	105	0	0	$58	$0	
I10nb to I10wb (outer)	1702	102	0	0	$58	$0	
I10nb to I10wb (outer)	1703	196	0	0	$58	$0	
I10nb to I10wb (outer)	1704	98	0	0	$58	$0	
WB2__Structure (229-199)	1582	303	12	3636	$58	$210,888	$788,336

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2__Structure (229-199)	1583	203	12	2436	$58	$141,288	
WB2__Structure (229-199)	1584	192	14	2688	$58	$155,904	
WB2__Structure (229-199)	1585	100	14	1400	$58	$81,200	
WB2__Structure (229-199)	1586	94	12	1128	$58	$65,424	
WB2__Structure (229-199)	1587	94	12	1128	$58	$65,424	
WB2__Structure (229-199)	1588	98	12	1176	$58	$68,208	
WB2__Structure (229-199)	1589	93	0	0	$58	$0	
WB2__Structure (229-199)	1590	152	0	0	$58	$0	
WB2__Structure (229-199)	1591	199	0	0	$58	$0	
WB2__Structure (229-199)	1592	200	0	0	$58	$0	
WB2__Structure (229-199)	1593	200	0	0	$58	$0	
WB2__Structure (229-199)	1594	200	0	0	$58	$0	
WB2__Structure (229-199)	1595	199	0	0	$58	$0	
WB2__Structure (229-199)	1596	201	0	0	$58	$0	
WB2__Structure (229-199)	1597	201	0	0	$58	$0	
WB2__Structure (229-199)	1598	199	0	0	$58	$0	
WB2_Structure (240-228+)	1625	200	12	2400	$58	$139,200	$895,752
WB2_Structure (240-228+)	1626	198	12	2376	$58	$137,808	
WB2_Structure (240-228+)	1627	97	12	1164	$58	$67,512	
WB2_Structure (240-228+)	1628	199	12	2388	$58	$138,504	
WB2_Structure (240-228+)	1629	196	12	2352	$58	$136,416	
WB2_Structure (240-228+)	1630	99	12	1188	$58	$68,904	
WB2_Structure (240-228+)	1631	99	12	1188	$58	$68,904	
WB2_Structure (240-228+)	1632	199	12	2388	$58	$138,504	
WB3_Abatement (250-242)	1572	43	17	731	$71	$51,901	$1,000,603
WB3_Abatement (250-242)	1573	193	17	3281	$71	$232,951	
WB3_Abatement (250-242)	1574	202	17	3434	$71	$243,814	
WB3_Abatement (250-242)	1575	199	17	3383	$71	$240,193	
WB3_Abatement (250-242)	1576	192	17	3264	$71	$231,744	
							Total $2,684,691

# of 1st Row Impacted Receptors	11
# of 1st Row Impacted Receptors & Benefitted	2
Percent of 1st Row Impacted Receptors Benefit	18%
Feasible?	No
Meets 8 IL requirement?	No
Number of Benefited Receptors	27
Total Cost	$2,684,691
Total Cost per Benefitted Receptors	$99,433.00
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


Terrace Ave
Howard St
Lesion St
McKinley School
McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Fig St
Alice St
E Washington St
Knock Knock Children's Museum
E Harrison St
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Source: Esri


McKinley Middle
Academic
Magnet School
Eden Park Ave Dr
Brookstown Dr
Brookstown Dr
Poet St
Poet St
Fig St
Fig St
E Washington St
E Washington St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


Terrace Ave
Terrace Ave
Terrace Ave
Smith St
Ellis Parkway Ln Dr
Stuart St
Stuart St
Stuart St
Brightside Dr
Brightside Dr
Brightside Dr
Poem St
Poem St
Hickory St
Hickory St
Cotton St
Louise St
Louise St
Blackstone Dr
72
74
67
60
57
58
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG

Appendix I-8

WB3 Mid Barriers

WB3 NSA Mid Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
1	1421 E Harrison St	1	B	Yes	72.8	66.6	6.2	Yes	Yes	1	0
2	1417 E Harrison St	1	B	Yes	73.7	66.2	7.5	Yes	Yes	1	0
3	1950 Carolina St - GONE	0									
4	1936 Carolina St - GONE	0									
5	1935 Missouri St - GONE	0									
6	1864 Missouri St	1	B	Yes	71.6	64.8	6.8	Yes	Yes	1	0
7	1855 Virginia St - GONE	0									
8	Knock Knock Childrens Museum (picnic)	1	C	No	64.2	60.1	4.1	No	No	0	0
9	1965 Arkansas St	1	B	No	68.5	62.9	5.6	Yes	Yes	1	0
10	1955 Arkansas St	1	B	No	67.1	61.7	5.4	Yes	Yes	1	0
11	1925 Arkansas St	1	B	No	65	59.8	5.2	No	Yes	1	0
12	1921 Arkansas St	1	B	No	64.1	59.2	4.9	No	No	0	0
13	1915 Arkansas St	1	B	No	63.5	58.9	4.6	No	No	0	0
14	1901 Arkansas St	1	B	No	62.4	57.8	4.6	No	No	0	0
15	1966 Arkansas St	1	B	No	68.7	63.4	5.3	Yes	Yes	1	0
16	1956 Arkansas St	1	B	No	67.6	61.5	6.1	Yes	Yes	1	0
17	1920 Arkansas St	1	B	No	66	60.3	5.7	Yes	Yes	1	0
18	1854 Arkansas St	1	B	No	62.7	57.8	4.9	No	No	0	0
19	1842 Arkansas St	1	B	No	61.3	56.4	4.9	No	No	0	0
20	1861 Arkansas St	1	B	No	62	57.3	4.7	No	No	0	0
21	1933 Carolina St	1	B	Yes	70.8	63.3	7.5	Yes	Yes	1	0
22	1929 Carolina St	1	B	No	69.3	62.2	7.1	Yes	Yes	1	0
23	1925 Carolina St	1	B	No	68.4	61.6	6.8	Yes	Yes	1	0
24	1913 Carolina St	1	B	No	67.5	60.9	6.6	Yes	Yes	1	0
25	1873 Carolina St	1	B	No	66.4	60	6.4	Yes	Yes	1	0
26	1867 Carolina St	1	B	No	65.7	59.2	6.5	No	Yes	1	0
27	1855 Carolina St	1	B	No	64.4	58	6.4	No	Yes	1	0
28	1843 Carolina St	1	B	No	63.5	57.2	6.3	No	Yes	1	0
29	1819/1831 Carolina St	2	B	No	62	55.8	6.2	No	Yes	2	0
30	1930 Carolina St	1	B	Yes	71.4	63.2	8.2	Yes	Yes	1	1
31	1922 Carolina St	1	B	No	70.4	62.4	8	Yes	Yes	1	1
32	1918 Carolina St	1	B	No	69.7	62	7.7	Yes	Yes	1	0

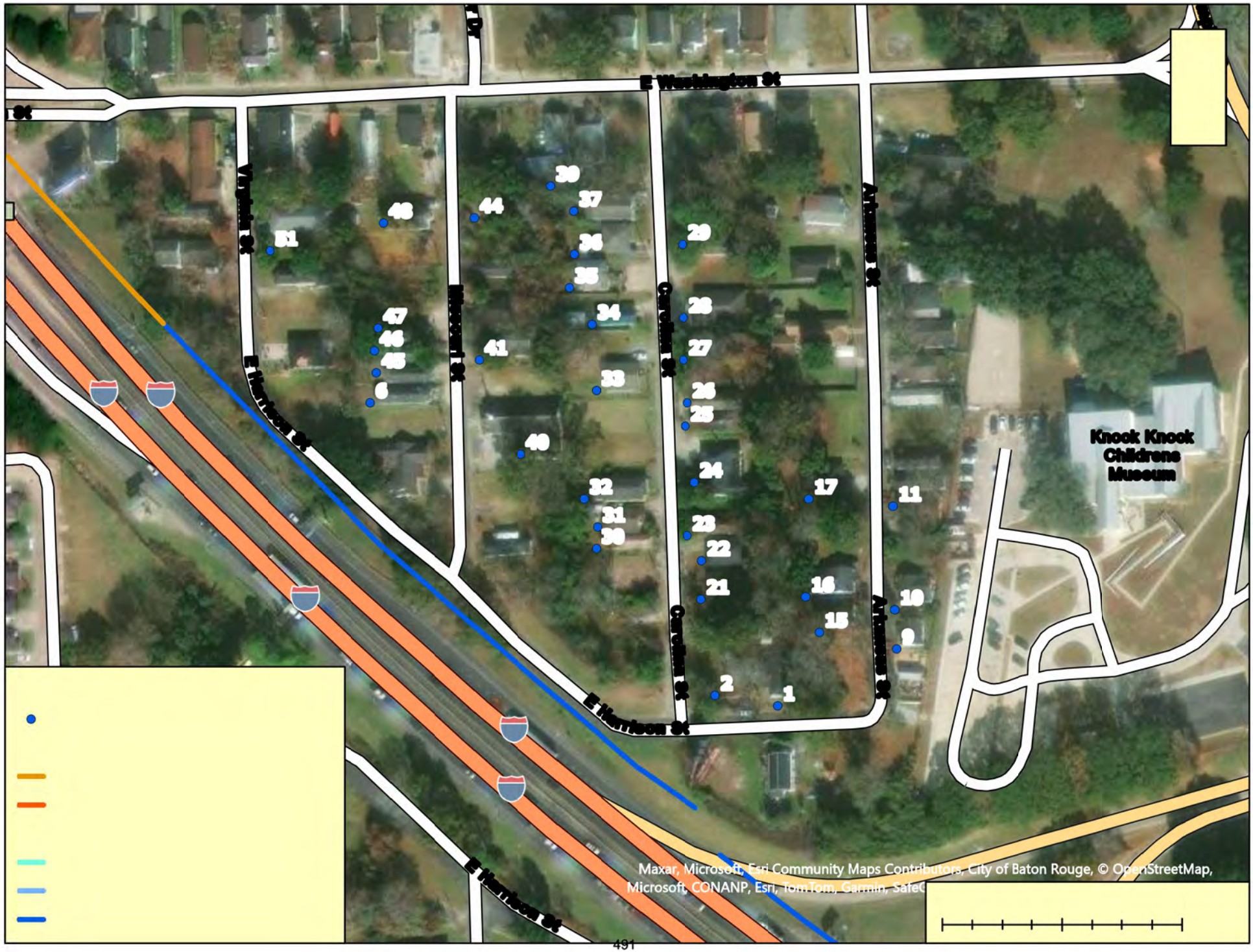
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
33	1860 Carolina St	1	B	No	66.7	59.8	6.9	Yes	Yes	1	0
34	1844 Carolina St	1	B	No	65.3	58.5	6.8	No	Yes	1	0
35	1840 Carolina St	1	B	No	64.8	58.1	6.7	No	Yes	1	0
36	1828 Carolina St	1	B	No	64.1	57.4	6.7	No	Yes	1	0
37	1822 Carolina St	1	B	No	63.5	57.1	6.4	No	Yes	1	0
38	1430 E Washington St - GONE	0									
39	1428 E Washington St	1	B	No	63.4	57.2	6.2	No	Yes	1	0
40	Ebenezer Bapt Ch (no ext use)	1	D	Yes	44.7	36.9	7.8	No	Yes	1	0
41	1853 Missouri St	1	B	No	67.8	60	7.8	Yes	Yes	1	0
42	1843 Missouri St - GONE	0									
43	1835 Missouri St - GONE	0									
44	1815/1817 Missouri St	2	B	No	65	57.9	7.1	No	Yes	2	0
45	1860 Missouri St	1	B	No	70.8	63.7	7.1	Yes	Yes	1	0
46	1856 Missouri St	1	B	No	69.7	62.2	7.5	Yes	Yes	1	0
47	1852 Missouri St	1	B	No	69.2	62.5	6.7	Yes	Yes	1	0
48	1824 Missouri St	1	B	No	67.5	59.8	7.7	Yes	Yes	1	0
49	1326 E Washington St - GONE	0									
50	1835 Virginia St - GONE	0									
51	1821/1823 Virginia St	2	B	Yes	69.6	63.1	6.5	Yes	Yes	2	0
										Total	Total
										38	2

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_Abatement Structure (240-280)	1625	200	12	2400	$58	$139,200	$895,752
WB2_Abatement Structure (240-280)	1626	198	12	2376	$58	$137,808	
WB2_Abatement Structure (240-280)	1627	97	12	1164	$58	$67,512	
WB2_Abatement Structure (240-280)	1628	199	12	2388	$58	$138,504	
WB2_Abatement Structure (240-280)	1629	196	12	2352	$58	$136,416	
WB2_Abatement Structure (240-280)	1630	99	12	1188	$58	$68,904	
WB2_Abatement Structure (240-280)	1631	99	12	1188	$58	$68,904	
WB2_Abatement Structure (240-280)	1632	199	12	2388	$58	$138,504	
WB3_Abatement (250-240)	1572	43	17	731	$71	$51,901	$1,000,603
WB3_Abatement (250-240)	1573	193	17	3281	$71	$232,951	
WB3_Abatement (250-240)	1574	202	17	3434	$71	$243,814	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB3_Abatement (250-240)	1575	199	17	3383	$71	$240,193	
WB3_Abatement (250-240)	1576	192	17	3264	$71	$231,744	
WB3_Abatement (260-250)	1620	165	7	1155	$71	$82,005	$866,271
WB3_Abatement (260-250)	1621	195	15	2925	$71	$207,675	
WB3_Abatement (260-250)	1622	198	15	2970	$71	$210,870	
WB3_Abatement (260-250)	1623	194	17	3298	$71	$234,158	
WB3_Abatement (260-250)	1741	109	17	1853	$71	$131,563	
Abatement WB3 McCalops (3245-3240)	1865	90	0	0	$71	$0	$0
Abatement WB3 McCalops (3245-3240)	1866	99	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1867	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1868	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1869	136	0	0	$71	$0	
Abatement WB3 McCalops ramp (outer)	1853	78	0	0	$58	$0	$0
Abatement WB3 McCalops ramp (outer)	1854	99	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1855	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1856	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1857	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1858	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1859	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1860	101	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1861	112	0	0	$58	$0	
Abatemet WB3 (3258-3254)	1848	98	0	0	$71	$0	$0
Abatemet WB3 (3258-3254)	1849	98	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1850	99	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1851	23	0	0	$71	$0	
							Total
							$2,762,626

# of 1st Row Impacted Receptors	7
# of 1st Row Impacted Receptors & Benefitted	7
Percent of 1st Row Impacted Receptors Benefit	100%
Feasible?	Yes
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	38
Total Cost	$2,762,626
Total Cost per Benefitted Receptors	$72,700.68
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


E Washington St
E Harrison St
Knock Knock Children's Museum
East Polk Street Park
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Source: Esri


E Washington St
E Harrison St
Knock Knock Children's Museum
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG

Appendix I-9

EB1 Short Barriers

EB1 NSA Short Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	513 Myrtle St	1	B	Yes	160	69	70.7	62.7	67.4	6.3	3.3	Yes	No	0	0
2	515 Myrtle St	1	B	Yes	170	68.9	70.6	62.4	67.3	6.5	3.3	Yes	No	0	0
3	517 Myrtle St	1	B	Yes	164	69	70.7	62.2	67.3	6.8	3.4	Yes	No	0	0
4	521 Myrtle St	1	B	Yes	158	69.2	70.8	61.9	67.2	7.3	3.6	Yes	No	0	0
5	958 Royal St	1	B	Yes	103	69.3	71.6	61.2	68.6	8.1	3	Yes	No	0	0
6	931 Royal St	1	B	Yes	35	65.7	74	60.2	73.6	5.5	0.4	Yes	No	0	0
7	928 Napolean St	1	B	Yes	31	66.2	74.1	60.6	73.5	5.6	0.6	Yes	No	0	0
8	921 Napolean St	1	B	Yes	74	70	73.5	61	71.3	9	2.2	Yes	No	0	0
9	940 St Joseph St	1	B	Yes	50	65.9	72.1	61	71.3	4.9	0.8	Yes	No	0	0
10	943 Maximilian St	1	B	Yes	36	70	74.9	67	74.2	3	0.7	Yes	No	0	0
11	917 Myrtle St	1	B	Yes	62	70.5	73.7	66.4	72.2	4.1	1.5	Yes	No	0	0
12	926 East Blvd	1	B	Yes	28	67.2	74.2	66.7	74.1	0.5	0.1	Yes	No	0	0
13	928 East Blvd	1	B	No	65	67	72.4	65.6	72	1.4	0.4	Yes	No	0	0
14	940 East Blvd	1	B	No	103	68.2	71	66.4	70.1	1.8	0.9	Yes	No	0	0
15	972 Myrtle St	1	B	No	124	69.3	71.5	69	71.4	0.3	0.1	Yes	No	0	0
16	982 Myrtle St	1	B	No	65	68.2	72.7	67.9	72.7	0.3	0	Yes	No	0	0
17	1150 S 10th St	1	B	No	95	68.1	71.7	67.9	71.6	0.2	0.1	Yes	No	0	0
18	1004 Julia St	1	B	No	56	66.1	72.1	65.9	72.1	0.2	0	Yes	No	0	0
19	1215 S 10th St	1	B	No	60	63.2	71.6	63.2	71.6	0	0	Yes	No	0	0
20	1239 S 10th St	1	B	No	88	70	72.6	70	72.6	0	0	Yes	No	0	0
21	1014 Senette St	1	B	No	67	70.9	73.9	70.9	73.9	0	0	Yes	No	0	0
22	970 Senette St	1	B	No	117	69.1	71.5	69.1	71.5	0	0	Yes	No	0	0
23	946 Swart St	1	B	No	173	68.6	70.4	68.6	70.4	0	0	Yes	No	0	0
24	951 Burns Dr	1	B	No	155	68.6	70.4	68.6	70.4	0	0	Yes	No	0	0
25	967 Cotton St	1	B	No	87	71.1	73.3	71.1	73.3	0	0	Yes	No	0	0
26	1004 Cotton St	1	B	No	72	71.5	74.2	71.5	74.2	0	0	Yes	No	0	0
27	978 Cotton St	1	B	No	123	69.6	71.7	69.6	71.8	0	-0.1	Yes	No	0	0
28	1523 Utah St	1	B	No	165	67.6	69.8	67.6	69.7	0	0.1	Yes	No	0	0
29	1510 Braddock St	1	B	No	66	69.9	73.4	69.9	73.4	0	0	Yes	No	0	0
30	1538 Braddock St	1	B	No	80	70	72.6	70	72.6	0	0	Yes	No	0	0
31	1567 Utah St	1	B	No	157	67.1	69.5	67.1	69.4	0	0.1	Yes	No	0	0
32	1591 Utah St	1	B	No	158	67.1	69.5	67.1	69.4	0	0.1	Yes	No	0	0
33	936 Howard St	1	B	No	112	67.6	70.7	67.6	70.6	0	0.1	Yes	No	0	0
34	924 Howard St	1	B	No	156	66.7	69.2	66.7	69.2	0	0	Yes	No	0	0
35	1616 Braddock St - GONE	0													
36	Fairview Baptist Ch (no ext use)	1	D	No	44	44.4	51.1	44.4	51.1	0	0	Yes	No	0	0
37	937 Lettsworth St	1	B	No	66	67.4	72.5	67.4	72.6	0	-0.1	Yes	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
38	946 Lettsworth St	1	B	No	141	67.4	70	67.3	70	0.1	0	Yes	No	0	0
39	1704 Braddock St	1	B	No	82	66.6	71	66.6	71	0	0	Yes	No	0	0
40	Baranco Clark YMCA Playground	1	C	No	187	65.4	65.4	65.1	65.1	0.3	0.3	No	No	0	0
41	968 Fig St - GONE	0													
42	962 Royal St	1	B	No	150	68.8	70.5	60.7	66.8	8.1	3.7	Yes	No	0	0
43	525 Myrtle St	1	B	No	189	68.4	68.4	60.6	60.7	7.8	7.7	Yes	Yes	1	0
44	941 Royal St	1	B	No	58	68.7	72.9	60.9	71.3	7.8	1.6	Yes	No	0	0
45	953 Royal St	1	B	No	94	70.1	72.7	61.5	69.8	8.6	2.9	Yes	No	0	0
46	605 Myrtle St	1	B	No	160	69.7	71.1	61.8	67.1	7.9	4	Yes	No	0	0
47	607 Myrtle St	1	B	No	163	69.8	71.2	61.7	67.1	8.1	4.1	Yes	No	0	0
48	609 Myrtle St	1	B	No	170	69.8	71.3	61.6	67.1	8.2	4.2	Yes	No	0	0
49	932 Napolean St	1	B	No		69.6	69.6	61	61	8.6	8.6	Yes	Yes	1	1
50	1038 Napolean St	1	B	No		68.3	68.3	60.4	60.4	7.9	7.9	Yes	Yes	1	0
51	923 Napolean St	1	B	No		69.6	69.6	61.1	61.1	8.5	8.5	Yes	Yes	1	1
52	933 Napolean St	1	B	No		69.4	69.4	61.2	61.2	8.2	8.2	Yes	Yes	1	1
53	705 Myrtle St	1	B	No		69.2	69.2	60.8	60.8	8.4	8.4	Yes	Yes	1	1
54	709 Myrtle St	1	B	No		69	69	61.1	61.1	7.9	7.9	Yes	Yes	1	0
55	713 Myrtle St	1	B	No		68.9	68.9	61.2	61.2	7.7	7.7	Yes	Yes	1	0
56	952 St Joseph St	1	B	No		68.3	68.3	61	61	7.3	7.3	Yes	Yes	1	0
57	715 Myrtle St	1	B	No		67.8	67.8	61	61	6.8	6.8	Yes	Yes	1	0
58	956 St Joseph St	1	B	No		68	68	61.1	61.1	6.9	6.9	Yes	Yes	1	0
59	837 Myrtle St	1	B	No		69.4	69.4	63.9	63.9	5.5	5.5	Yes	Yes	1	0
60	958 Maximillian St	1	B	No		69.4	69.4	64.3	64.3	5.1	5.1	Yes	Yes	1	0
61	964 Maximillian St	1	B	No		67.1	67.1	62.9	62.9	4.2	4.2	Yes	No	0	0
62	963 Maximillian St	1	B	No		70.4	70.4	65.2	65.2	5.2	5.2	Yes	Yes	1	0
63	965 Maximillian St	1	B	No		69.3	69.3	64.3	64.3	5	5	Yes	Yes	1	0
64	969 Maximillian St	1	B	No		68.6	68.6	63.8	63.8	4.8	4.8	Yes	No	0	0
65	1103 Thomas H Delpit Dr	1	B	No		68.1	68.1	67.5	67.5	0.6	0.6	Yes	No	0	0
66	1105 Thomas H Delpit Dr	1	B	No		67.1	67.1	66.7	66.7	0.4	0.4	Yes	No	0	0
67	1107 Thomas H Delpit Dr	1	B	No		67.4	67.4	66.9	66.9	0.5	0.5	Yes	No	0	0
68	1109 Thomas H Delpit Dr	1	B	No		67.3	67.3	66.8	66.8	0.5	0.5	Yes	No	0	0
69	1117 Thomas H Delpit Dr	1	B	No		67.6	67.6	67.2	67.2	0.4	0.4	Yes	No	0	0
70	1131 Thomas H Delpit Dr	1	B	No		65.8	65.8	65.4	65.4	0.4	0.4	No	No	0	0
71	991 Julia St	1	B	No		68.8	68.8	68.6	68.6	0.2	0.2	Yes	No	0	0
72	981 Julia St	1	B	No		68.2	68.2	68	68	0.2	0.2	Yes	No	0	0
73	967 Julia St	1	B	No		66.8	66.8	66.4	66.4	0.4	0.4	Yes	No	0	0
74	965 Julia St	1	B	No		66.6	66.6	66.1	66.1	0.5	0.5	Yes	No	0	0
75	1002 Julia St	1	B	No		66.5	66.5	66.4	66.4	0.1	0.1	Yes	No	0	0
76	Progressive Bapt Ch (Cat D)	1	D	No		43.7	43.7	43.6	43.6	0.1	0.1	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
77	1226 S 10th St - GONE	0													
78	1228 S 10th St	1	B	No		68	68	68	68	0	0	Yes	No	0	0
79	1232 S 10th St	1	B	No		68.1	68.1	68.1	68.1	0	0	Yes	No	0	0
80	1234 S 10th St	1	B	No		67.9	67.9	67.8	67.8	0.1	0.1	Yes	No	0	0
81	979 Terrace St - GONE	0													
82	975 Terrace St	1	B	No		65	65	65	65	0	0	No	No	0	0
83	963 Terrace St	1	B	No		64	64	63.9	63.9	0.1	0.1	No	No	0	0
84	988 Terrace St	1	B	No		67.2	67.2	67.2	67.2	0	0	Yes	No	0	0
85	980 Terrace St	1	B	No		66.3	66.3	66.3	66.3	0	0	Yes	No	0	0
86	976 Terrace St	1	B	No		65.6	65.6	65.5	65.5	0.1	0.1	No	No	0	0
87	970 Terrace St	1	B	No		64.9	64.9	64.9	64.9	0	0	No	No	0	0
88	960 Terrace St	1	B	No		64.1	64.1	64	64	0.1	0.1	No	No	0	0
89	954 Terrace St	1	B	No		63.4	63.4	63.3	63.3	0.1	0.1	No	No	0	0
90	952 Terrace St	1	B	No		62.1	62.1	62.1	62.1	0	0	No	No	0	0
91	946 Senette St	1	B	No		67.5	67.5	67.5	67.5	0	0	Yes	No	0	0
92	918 Senette St	1	B	No		66.3	66.3	66.3	66.3	0	0	Yes	No	0	0
93	862 Senette St - GONE	0													
94	850 Senette St - GONE	0													
95	920 Swart St	1	B	No		66.7	66.7	66.7	66.7	0	0	Yes	No	0	0
96	912 Swart St	1	B	No		65.7	65.7	65.7	65.7	0	0	No	No	0	0
97	931 Burns Dr	1	B	No		65.6	65.6	65.6	65.6	0	0	No	No	0	0
98	877 Burns Dr	1	B	No		62.9	62.9	62.9	62.9	0	0	No	No	0	0
99	855 Burns Dr	1	B	No		62.9	62.9	62.9	62.9	0	0	No	No	0	0
100	955 Cotton St	1	B	No		66.3	66.3	66.3	66.3	0	0	Yes	No	0	0
101	837 Cotton St	1	B	No		63.6	63.6	63.6	63.6	0	0	No	No	0	0
102	964 Cotton St - GONE	0													
103	922 Cotton St	1	B	No		66.6	66.6	66.6	66.6	0	0	Yes	No	0	0
104	906 Cotton St	1	B	No		66.3	66.3	66.3	66.3	0	0	Yes	No	0	0
105	876 Cotton St	1	B	No		65.3	65.3	65.3	65.3	0	0	No	No	0	0
106	855 Louise St	1	B	No		65.6	65.6	65.6	65.6	0	0	No	No	0	0
107	853 Louise St	1	B	No		65	65	65	65	0	0	No	No	0	0
108	851 Louise St	1	B	No		64.8	64.8	64.8	64.8	0	0	No	No	0	0
109	926 Louise St	1	B	No		65.7	65.7	65.7	65.7	0	0	No	No	0	0
110	1541 Utah St	1	B	No		67.3	67.3	67.3	67.3	0	0	Yes	No	0	0
111	1555 Utah St	1	B	No		67.2	67.2	67.2	67.2	0	0	Yes	No	0	0
112	866 Louise St	1	B	No		65.6	65.6	65.6	65.6	0	0	No	No	0	0
113	1520 Utah St	1	B	No		65.6	65.6	65.6	65.6	0	0	No	No	0	0
114	1530 Utah St	1	B	No		65.6	65.6	65.6	65.6	0	0	No	No	0	0
115	1542 Utah St	1	B	No		65.6	65.6	65.6	65.6	0	0	No	No	0	0
116	1550 Utah St	1	B	No		65.6	65.6	65.6	65.6	0	0	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
117	1558 Utah St	1	B	No		65.3	65.3	65.3	65.3	0	0	No	No	0	0
118	1564 Utah St	1	B	No		65.2	65.2	65.2	65.2	0	0	No	No	0	0
119	1567 Thomas H Delpit Dr	1	B	No		63.5	63.5	63.5	63.5	0	0	No	No	0	0
120	New Jerusalem Bapt Church (no ext use)	1	D	No		38.3	38.3	38.2	38.2	0.1	0.1	No	No	0	0
121	831 Lettsworth Dr - GONE	0													
122	1669 Thomas H Delpit Dr	1	B	No		64.9	64.9	64.8	64.8	0.1	0.1	No	No	0	0
123	1649 Thomas H Delpit Dr	1	B	No		63.8	63.8	63.8	63.8	0	0	No	No	0	0
124	928 Lettsworth Dr	1	B	No		66.3	66.3	66.2	66.2	0.1	0.1	Yes	No	0	0
125	912 Lettsworth Dr	1	B	No		65.7	65.7	65.7	65.7	0	0	No	No	0	0
126	Neeley UM Church (no ext)	1	D	No		40.3	40.3	39.7	39.7	0.6	0.6	No	No	0	0
127	606 Myrtle St	1	B	No		66.5	66.5	61.3	61.3	5.2	5.2	Yes	Yes	1	0
128	608 Myrtle St	1	B	No		66.5	66.5	61	61	5.5	5.5	Yes	Yes	1	0
129	610 Myrtle St	1	B	No		66.5	66.5	60.9	60.9	5.6	5.6	Yes	Yes	1	0
130	614 Myrtle St	1	B	No		66.6	66.6	60.8	60.8	5.8	5.8	Yes	Yes	1	0
131	616 Myrtle St	1	B	No		66.6	66.6	60.8	60.8	5.8	5.8	Yes	Yes	1	0
132	618 Myrtle St	1	B	No		66.6	66.6	60.8	60.8	5.8	5.8	Yes	Yes	1	0
133	1121 Royal St	1	B	No		63.9	63.9	57.1	57.1	6.8	6.8	No	Yes	1	0
134	1123 Royal St	1	B	No		64	64	58.4	58.4	5.6	5.6	No	Yes	1	0
135	1125 Royal St	1	B	No		61.4	61.4	55.7	55.7	5.7	5.7	No	Yes	1	0
136	1127 Royal St	1	B	No		60.3	60.3	57.5	57.5	2.8	2.8	No	No	0	0
137	1129 Royal St	1	B	No		62.5	62.5	59	59	3.5	3.5	No	No	0	0
138	601 Julia St	1	B	No		59.8	59.8	53	53	6.8	6.8	No	Yes	1	0
139	627 Julia St	1	B	No		61.2	61.2	57.1	57.1	4.1	4.1	No	No	0	0
140	635 Julia St	1	B	No		61.2	61.2	57.2	57.2	4	4	No	No	0	0
141	1110 Napolean St	1	B	No		63.7	63.7	57.4	57.4	6.3	6.3	No	Yes	1	0
142	1114 Napolean St	1	B	No		63.2	63.2	57.2	57.2	6	6	No	Yes	1	0
143	1116 Napolean St	1	B	No		63	63	57.2	57.2	5.8	5.8	No	Yes	1	0
144	1122 Napolean St	1	B	No		62.3	62.3	57.1	57.1	5.2	5.2	No	Yes	1	0
145	1124 Napolean St	1	B	No		64.6	64.6	59.2	59.2	5.4	5.4	No	Yes	1	0
146	1126 Napolean St	1	B	No		62.3	62.3	55.6	55.6	6.7	6.7	No	Yes	1	0
147	1128 Napolean St	1	B	No		61.8	61.8	58.3	58.3	3.5	3.5	No	No	0	0
148	1130 Napolean St	1	B	No		61.6	61.6	55.7	55.7	5.9	5.9	No	Yes	1	0
149	1136 Napolean St	1	B	No		61.4	61.4	55.8	55.8	5.6	5.6	No	Yes	1	0
150	1140 Napolean St	1	B	No		60.9	60.9	55.4	55.4	5.5	5.5	No	Yes	1	0
151	1142 Napolean St	1	B	No		60.7	60.7	55.8	55.8	4.9	4.9	No	No	0	0
152	1144 Napolean St	1	B	No		60.6	60.6	55.8	55.8	4.8	4.8	No	No	0	0
153	1146 Napolean St	1	B	No		60.2	60.2	55.4	55.4	4.8	4.8	No	No	0	0
154	704 Myrtle St	1	B	No		66.3	66.3	60.5	60.5	5.8	5.8	Yes	Yes	1	0
155	706 Myrtle St	1	B	No		66.2	66.2	60.5	60.5	5.7	5.7	Yes	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
156	708 Myrtle St	1	B	No		66.1	66.1	60.5	60.5	5.6	5.6	Yes	Yes	1	0
157	710 Myrtle St	1	B	No		64.8	64.8	59.4	59.4	5.4	5.4	No	Yes	1	0
158	714 Myrtle St	1	B	No		65.8	65.8	60.5	60.5	5.3	5.3	No	Yes	1	0
159	722 Myrtle St	1	B	No		65.6	65.6	60.5	60.5	5.1	5.1	No	Yes	1	0
160	1111 Napolean St	1	B	No		64.4	64.4	58.1	58.1	6.3	6.3	No	Yes	1	0
161	1113 Napolean St	1	B	No		63.9	63.9	57.7	57.7	6.2	6.2	No	Yes	1	0
162	1115 Napolean St	1	B	No		63.5	63.5	57.6	57.6	5.9	5.9	No	Yes	1	0
163	1119 Napolean St	1	B	No		62.9	62.9	57.6	57.6	5.3	5.3	No	Yes	1	0
164	1123 Napolean St	1	B	No		62.6	62.6	57.8	57.8	4.8	4.8	No	No	0	0
165	1129 Napolean St	1	B	No		61.9	61.9	56.3	56.3	5.6	5.6	No	Yes	1	0
166	1139 Napolean St	1	B	No		61.4	61.4	56.7	56.7	4.7	4.7	No	No	0	0
167	1145 Napolean St	1	B	No		61.9	61.9	57.6	57.6	4.3	4.3	No	No	0	0
168	707 Julia St	1	B	No		62.5	62.5	58	58	4.5	4.5	No	No	0	0
169	713 Julia St	1	B	No		62.5	62.5	58.2	58.2	4.3	4.3	No	No	0	0
170	715 Julia St	1	B	No		62.4	62.4	58.1	58.1	4.3	4.3	No	No	0	0
171	725 Julia St	1	B	No		62.4	62.4	58.3	58.3	4.1	4.1	No	No	0	0
172	1108 St Joseph St	1	B	No		63	63	57.8	57.8	5.2	5.2	No	Yes	1	0
173	1110 St Joseph St	1	B	No		62.7	62.7	58.1	58.1	4.6	4.6	No	No	0	0
174	1112 St Joseph St	1	B	No		63.7	63.7	58.9	58.9	4.8	4.8	No	No	0	0
175	1114 St Joseph St	1	B	No		62.2	62.2	57.8	57.8	4.4	4.4	No	No	0	0
176	1120 St Joseph St	1	B	No		63.4	63.4	58.3	58.3	5.1	5.1	No	Yes	1	0
177	1122 St Joseph St	1	B	No		61.7	61.7	57.8	57.8	3.9	3.9	No	No	0	0
178	1126 St Joseph St	1	B	No		62.2	62.2	57.9	57.9	4.3	4.3	No	No	0	0
179	814 Myrtle St	1	B	No		65.3	65.3	60.6	60.6	4.7	4.7	No	No	0	0
180	820 Myrtle St	1	B	No		65.1	65.1	60.8	60.8	4.3	4.3	No	No	0	0
181	836 Myrtle St	1	B	No		65.8	65.8	62.1	62.1	3.7	3.7	No	No	0	0
182	840 Myrtle St	1	B	No		66	66	62.6	62.6	3.4	3.4	Yes	No	0	0
183	1102 Maximillian St	1	B	No		65.9	65.9	62.9	62.9	3	3	No	No	0	0
184	1105 St Joseph St	1	B	No		63.3	63.3	57.9	57.9	5.4	5.4	No	Yes	1	0
185	1107 St Joseph St	1	B	No		62.7	62.7	57.3	57.3	5.4	5.4	No	Yes	1	0
186	1119 St Joseph St	1	B	No		62.5	62.5	58.1	58.1	4.4	4.4	No	No	0	0
187	1121 St Joseph St	1	B	No		62.5	62.5	58.4	58.4	4.1	4.1	No	No	0	0
188	1127 St Joseph St	1	B	No		62.4	62.4	59.1	59.1	3.3	3.3	No	No	0	0
189	815 Julia St	1	B	No		63.2	63.2	59.9	59.9	3.3	3.3	No	No	0	0
190	821 Julia St	1	B	No		63.1	63.1	60	60	3.1	3.1	No	No	0	0
191	823 Julia St	1	B	No		63	63	60.1	60.1	2.9	2.9	No	No	0	0
192	1106 Maximillian St	1	B	No		65	65	62.1	62.1	2.9	2.9	No	No	0	0
193	1118 Maximillian St	1	B	No		64.5	64.5	62	62	2.5	2.5	No	No	0	0
194	1122 Maximillian St	1	B	No		64.3	64.3	61.9	61.9	2.4	2.4	No	No	0	0
195	1124 Maximillian St	1	B	No		64.1	64.1	61.8	61.8	2.3	2.3	No	No	0	0

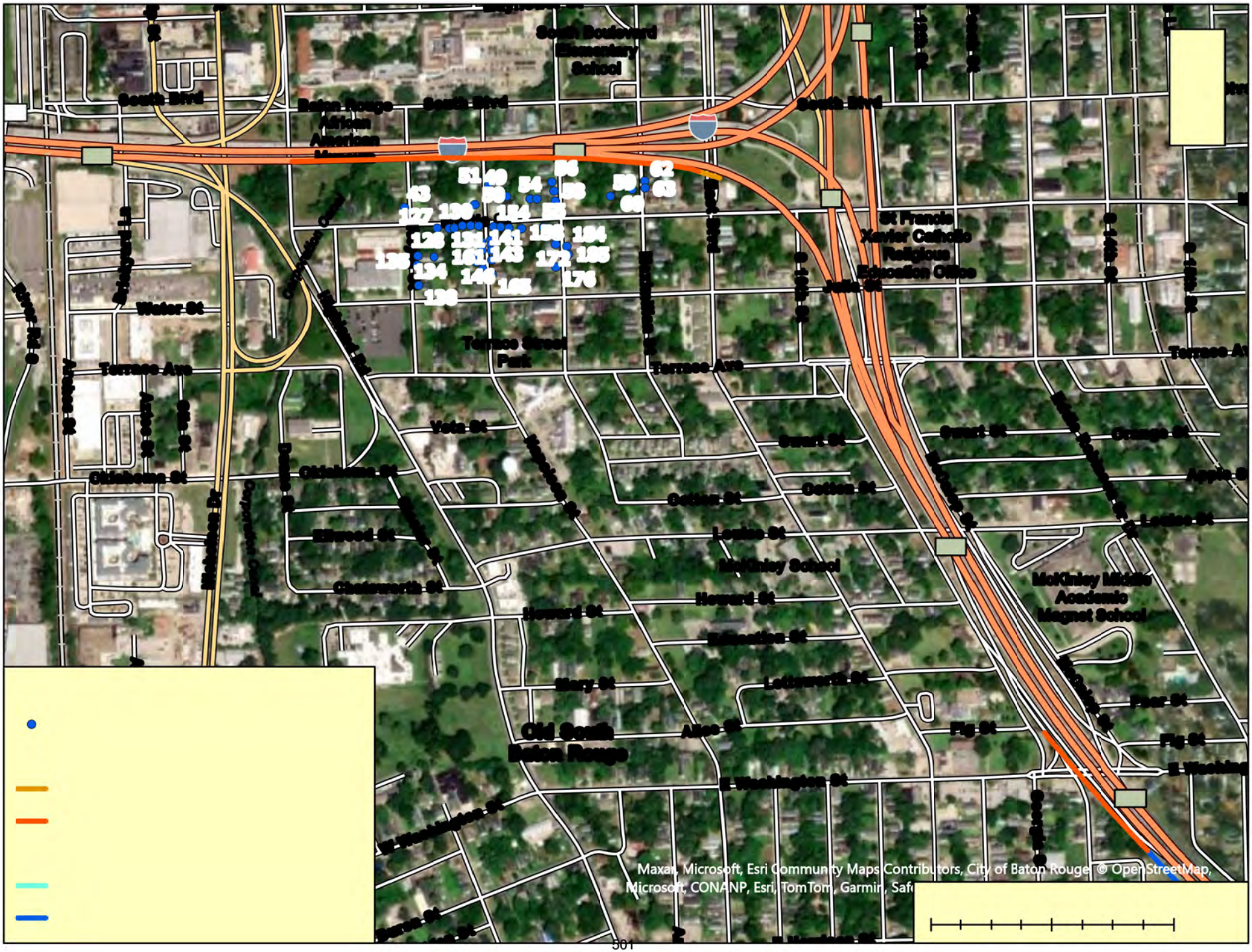
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
196	1128 Maximillian St	1	B	No		63.9	63.9	61.7	61.7	2.2	2.2	No	No	0	0
197	1132 Maximillian St - GONE	0													
198	1107 Maximillian St	1	B	No		65.7	65.7	63.8	63.8	1.9	1.9	No	No	0	0
199	1113 Maximillian St	1	B	No		65.5	65.5	63.6	63.6	1.9	1.9	No	No	0	0
200	1119 Maximillian St	1	B	No		65.2	65.2	63.3	63.3	1.9	1.9	No	No	0	0
201	1121 Maximillian St	1	B	No		65	65	63.2	63.2	1.8	1.8	No	No	0	0
202	1123 Maximillian St	1	B	No		64.8	64.8	63.1	63.1	1.7	1.7	No	No	0	0
203	1133 Maximillian St	1	B	No		64.1	64.1	62.4	62.4	1.7	1.7	No	No	0	0
204	913 Julia St	1	B	No		64.6	64.6	63.1	63.1	1.5	1.5	No	No	0	0
205	915 Julia St	1	B	No		65.1	65.1	63.6	63.6	1.5	1.5	No	No	0	0
206	953 Julia St	1	B	No		65.2	65.2	64	64	1.2	1.2	No	No	0	0
207	1203 Thomas H Delpit Dr	1	B	No		64.5	64.5	64	64	0.5	0.5	No	No	0	0
208	1608 Thomas H Delpit Dr	1	B	No		61.7	61.7	61.6	61.6	0.1	0.1	No	No	0	0
209	1652 Thomas H Delpit Dr	1	B	No		57.9	57.9	57.7	57.7	0.2	0.2	No	No	0	0
210	1662 Thomas H Delpit Dr - GONE	0													
211	1668 Thomas H Delpit Dr	1	B	No		57.9	57.9	57.5	57.5	0.4	0.4	No	No	0	0
212	1718 Thomas H Delpit Dr	1	B	No		60.8	60.8	60.6	60.6	0.2	0.2	No	No	0	0
213	Baranco Clark YMCA Playground N	1	C	No	90	65.9	70.9	65.7	70.8	0.2	0.1	Yes	No	0	0
214	996 Terrace St	1	B	No	156	68.7	70.5	68.7	70.4	0	0.1	Yes	No	0	0
215	915 Myrtle St	1	B	Yes	101	67.3	70.5	62.6	68.9	4.7	1.6	Yes	No	0	0
216	1006 Julia St	1	B	No	27	66.3	74.1	66.1	74	0.2	0.1	Yes	No	0	0
														Total	Total
														49	4

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abate_Struct (414-220)	1473	200	0	0	$58	$0	$1,612,864
EB1_Abate_Struct (414-220)	1474	201	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1475	201	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1476	201	14	2814	$58	$163,212	
EB1_Abate_Struct (414-220)	1477	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1478	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1479	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1480	200	14	2800	$58	$162,400	
EB1_Abate_Struct (414-220)	1481	199	14	2786	$58	$161,588	
EB1_Abate_Struct (414-220)	1482	100	14	1400	$58	$81,200	
EB1_Abate_Struct (414-220)	1483	102	14	1428	$58	$82,824	
EB1_Abate_Struct (414-220)	1484	202	14	2828	$58	$164,024	
EB1_Abate_Struct (414-220)	1485	195	14	2730	$58	$158,340	
EB1_Abate_Struct (414-220)	1486	99	14	1386	$58	$80,388	

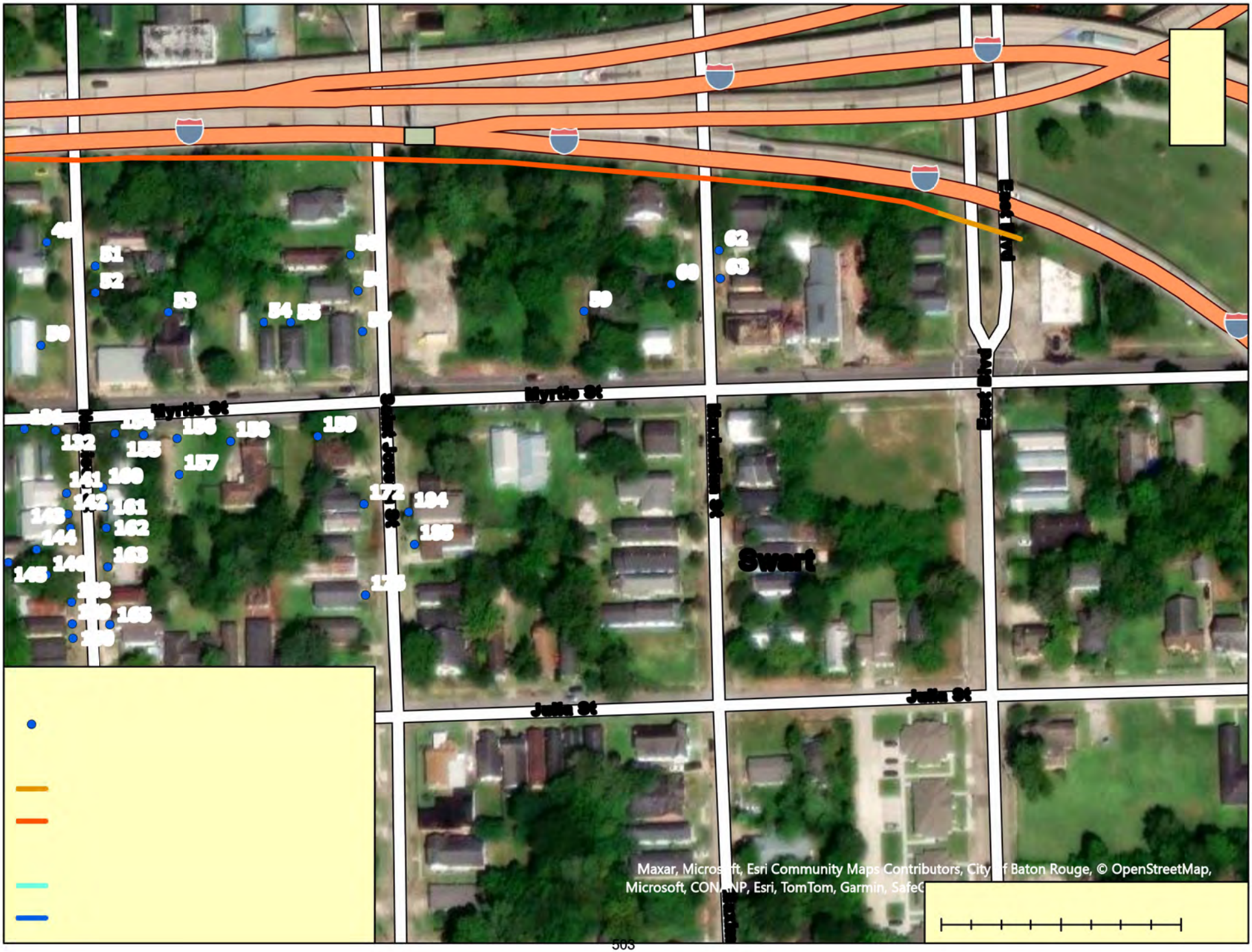
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abate_Struct (414-220)	1487	103	12	1236	$58	$71,688	
EB1_Abate_Struct (414-220)	1488	95	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1489	99	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1490	98	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1491	99	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1492	100	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1493	99	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1494	100	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1495	59	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1496	204	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1497	197	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1498	108	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1499	104	0	0	$58	$0	
EB1_Abate_Struct (414-220)	1500	114	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1672	99	0	0	$58	$0	$0
EB1 I10nb to I10wb (inner)	1673	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1674	167	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1675	201	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1676	199	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1677	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1678	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1679	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1680	101	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1681	103	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1682	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1683	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1684	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1685	98	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1686	97	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1687	103	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1688	200	0	0	$58	$0	
EB1 I10nb to I10wb (inner)	1689	100	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1508	100	0	0	$58	$0	$0
EB1 & WB1_Struct (202-215)	1509	100	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1510	98	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1511	199	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1512	201	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1513	202	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1514	206	0	0	$58	$0	
EB1 & WB1_Struct (202-215)	1515	198	0	0	$58	$0	
EB1_Structure(219+35-240)	1518	101	0	0	$58	$0	$0
EB1_Structure(219+35-240)	1519	100	0	0	$58	$0	
EB1_Structure(219+35-240)	1520	201	0	0	$58	$0	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Structure(219+35-240)	1521	200	0	0	$58	$0	
EB1_Structure(219+35-240)	1522	299	0	0	$58	$0	
EB1_Structure(219+35-240)	1523	203	0	0	$58	$0	
EB1_Structure(219+35-240)	1524	99	0	0	$58	$0	
EB1_Structure(219+35-240)	1525	101	0	0	$58	$0	
EB1_Structure(219+35-240)	1526	206	0	0	$58	$0	
EB1_Ramp(1235-1242)	1832	101	0	0	$58	$0	$0
EB1_Ramp(1235-1242)	1833	104	0	0	$58	$0	
EB1_Ramp(1235-1242)	1834	116	0	0	$58	$0	
EB1_Ramp(1235-1242)	1835	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1836	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1837	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1838	100	0	0	$58	$0	
EB1_Ramp(1235-1242)	1839	39	0	0	$58	$0	
EB1_Structure(235-242)	1743	206	14	2884	$58	$167,272	$579,768
EB1_Structure(235-242)	1528	102	14	1428	$58	$82,824	
EB1_Structure(235-242)	1529	202	14	2828	$58	$164,024	
EB1_Structure(235-242)	1890	204	14	2856	$58	$165,648	
							Total $2,192,632

# of 1st Row Impacted Receptors	13
# of 1st Row Impacted Receptors & Benefitted	0
Percent of 1st Row Impacted Receptors Benefit	0%
Feasible?	No
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	49
Total Cost	$2,192,632
Total Cost per Benefitted Receptors	$44,747.59
Meets Cost Effectiveness Goal?	Yes
Potentially Reasonable?	Yes


South Boulevard Elementary School
South Blvd
Baton Rouge African American Museum
St Francis Xavier Catholic Religious Education Office
Water St
Terrace Street Park
Terrace Ave
Vets St
Oklahoma St
Ellwood St
Chadsworth St
Howard St
Mary St
Old South Baton Rouge
Allen St
Fig St
E Washington St
Grant St
Cotton St
Lobdell St
McKinley School
McKinley Middle Academic Magnet School
Orange St
Pear St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, Saf


South Blvd
South Blvd
South Blvd
Baton Rouge African American Museum
Myrtle St
Myrtle St
Myrtle St
Myrtle St
Julia St
Julia St
Royal St
Royal St
Royal St
Corporation Canal
Corporation Canal
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


Myrtle St
Julia St
Swart
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG

Appendix I-10

EB2 Short Barriers

EB2 NSA Short Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1824 Kentucky St	1	B	Yes	86	65.9	70.8	60.3	69.7	5.6	1.1	Yes	No	0	0
2	1820 Kentucky St	1	B	Yes	104	65.3	69.7	59.8	68.4	5.5	1.3	Yes	No	0	0
3	1840 Kentucky St	1	B	Yes	152	65.4	68.5	59.5	66.6	5.9	1.9	Yes	No	0	0
4	1844 Kentucky St	1	B	Yes	163	65.4	68.6	59.3	66.6	6.1	2	Yes	No	0	0
5	1851 Kentucky St - GONE	0													
6	1859 Kentucky St	1	B	Yes	107	65.5	69.8	58.7	68.2	6.8	1.6	Yes	No	0	0
7	1867 Kentucky St	1	B	Yes	124	66.1	69.9	59.5	68.3	6.6	1.6	Yes	No	0	0
8	1879 Kentucky St	1	B	Yes	147	65.9	69.2	59.9	67.4	6	1.8	Yes	No	0	0
9	1920 Maryland St	1	B	Yes	114	64.5	69.4	59.4	68.3	5.1	1.1	Yes	No	0	0
10	1926 Maryland St	1	B	Yes	160	64.9	68.3	60.9	66.9	4	1.4	Yes	No	0	0
11	1934 Maryland St	1	B	Yes		65.5	65.5	60.3	60.3	5.2	5.2	No	Yes	1	0
12	1940 Maryland St	1	B	Yes		65.5	65.5	60	60.0	5.5	5.5	No	Yes	1	0
13	1952 Maryland St	1	B	Yes		65.9	65.9	59.5	59.5	6.4	6.4	No	Yes	1	0
14	1159 E Harrison St	1	B	Yes		63.6	63.6	57.3	57.3	6.3	6.3	No	Yes	1	0
15	2002 Virginia St	1	B	Yes		67.8	67.8	61.1	61.1	6.7	6.7	Yes	Yes	1	0
16	2019 Virginia St - GONE	0													
17	2041 Virginia St	1	B	Yes		66.1	66.1	60.3	60.3	5.8	5.8	Yes	Yes	1	0
18	2053 Virginia St - GONE	0													
19	2042 Missouri St	1	B	Yes		64.4	64.4	58.8	58.8	5.6	5.6	No	Yes	1	0
20	2060 Missouri St	1	B	Yes		65.6	65.6	58.8	58.8	6.8	6.8	No	Yes	1	0
21	2065 Missouri St	1	B	Yes		67.4	67.4	61.8	61.8	5.6	5.6	Yes	Yes	1	0
22	2109 Missouri St	1	B	Yes		67.3	67.3	59.2	59.2	8.1	8.1	Yes	Yes	1	1
23	2122 Carolina St - GONE	0													
24	2130 Carolina St	1	B	Yes		69.8	69.8	60.5	60.5	9.3	9.3	Yes	Yes	1	1
25	2160 Carolina St	1	B	No		67	67	58.7	58.7	8.3	8.3	Yes	Yes	1	1
26	2175 Carolina St	1	B	Yes		73.2	73.2	62.3	62.3	10.9	10.9	Yes	Yes	1	1
27	East Polk St Park (Bball)	1	C	Yes		72.6	72.6	62.3	62.3	10.3	10.3	Yes	Yes	1	1
28	East Polk St Park (Playground)	1	C	Yes		68.7	68.7	59.5	59.5	9.2	9.2	Yes	Yes	1	1
29	East Pol St Park (Baseball)	1	C	Yes		69.4	69.4	59.9	59.9	9.5	9.5	Yes	Yes	1	1
30	2360 Dalrymple Dr	1	B	Yes		69.7	69.7	61.8	61.8	7.9	7.9	Yes	Yes	1	0
31	2424 Dalrymple Dr	1	B	Yes		66.5	66.5	62.2	62.2	4.3	4.3	Yes	No	0	0
32	1813 Georgia St	1	B	No	168	62.6	67.3	58	66.3	4.6	1	Yes	No	0	0
33	1815 Georgia St	1	B	No	193	62.3	62.4	58.2	58.4	4.1	4	No	No	0	0
34	1837 Georgia St - GONE	0													
35	1839 Georgia St	1	B	No		62.8	62.8	57	57	5.8	5.8	No	Yes	1	0
36	1841 Georgia St	1	B	No		62.4	62.4	57.6	57.6	4.8	4.8	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
37	1849 Georgia St	1	B	No		62.9	62.9	58.9	58.9	4	4	No	No	0	0
38	Calvary Third Bapt Ch (no ext use)	1	D	No		38.9	38.9	33.8	33.8	5.1	5.1	No	Yes	1	0
39	1937 Georgia St	1	B	No		63.3	63.3	57.6	57.6	5.7	5.7	No	Yes	1	0
40	1949 Georgia St	1	B	No		62.9	62.9	57.3	57.3	5.6	5.6	No	Yes	1	0
41	1955 Georgia St	1	B	No		62.9	62.9	57.2	57.2	5.7	5.7	No	Yes	1	0
42	1963 Georgia St	1	B	No		62.8	62.8	58	58	4.8	4.8	No	No	0	0
43	1967 Georgia St	1	B	No		62.5	62.5	57.4	57.4	5.1	5.1	No	Yes	1	0
44	1838 Georgia St	1	B	No		63.1	63.1	58.1	58.1	5	5	No	Yes	1	0
45	1850 Georgia St	1	B	No		63.1	63.1	57.8	57.8	5.3	5.3	No	Yes	1	0
46	1870 Georgia St	1	B	No		62.6	62.6	56.9	56.9	5.7	5.7	No	Yes	1	0
47	1904 Georgia St	1	B	No		62.2	62.2	56.5	56.5	5.7	5.7	No	Yes	1	0
48	1942 Georgia St	1	B	No		61.7	61.7	56.2	56.2	5.5	5.5	No	Yes	1	0
49	1950 Georgia St	1	B	No		61.5	61.5	56.1	56.1	5.4	5.4	No	Yes	1	0
50	1956 Georgia St	1	B	No		61.2	61.2	56.6	56.6	4.6	4.6	No	No	0	0
51	1923 Kentucky St	1	B	No		65.2	65.2	59.3	59.3	5.9	5.9	No	Yes	1	0
52	1939 Kentucky St	1	B	No		64.5	64.5	58.6	58.6	5.9	5.9	No	Yes	1	0
53	1943 Kentucky St	1	B	No		65.1	65.1	58.8	58.8	6.3	6.3	No	Yes	1	0
54	1955 Kentucky St	1	B	No		65.3	65.3	58.8	58.8	6.5	6.5	No	Yes	1	0
55	1965 Kentucky St	1	B	No		64.9	64.9	58.5	58.5	6.4	6.4	No	Yes	1	0
56	1973 Kentucky St - GONE	0													
57	1920 Kentucky St	1	B	No		64.9	64.9	59	59	5.9	5.9	No	Yes	1	0
58	1934 Kentucky St	1	B	No		64.9	64.9	58.8	58.8	6.1	6.1	No	Yes	1	0
59	1948 Kentucky St	1	B	No		63.9	63.9	58.1	58.1	5.8	5.8	No	Yes	1	0
60	942 E Harrison St	1	B	No		62.8	62.8	57	57	5.8	5.8	No	Yes	1	0
61	2010 Kentucky St	1	B	No		62.4	62.4	56.4	56.4	6	6	No	Yes	1	0
62	2018 Kentucky St	1	B	No		61.8	61.8	56	56	5.8	5.8	No	Yes	1	0
63	2026 Kentucky St - GONE	0													
64	2028 Kentucky St - GONE	0													
65	2009 Kentucky St	1	B	No		63.6	63.6	57.1	57.1	6.5	6.5	No	Yes	1	0
66	2033 Kentucky St	1	B	No		62.3	62.3	55.7	55.7	6.6	6.6	No	Yes	1	0
67	2039 Kentucky St	1	B	No		61.8	61.8	55.9	55.9	5.9	5.9	No	Yes	1	0
68	2055 Kentucky St	1	B	No		61.5	61.5	55	55	6.5	6.5	No	Yes	1	0
69	2002 Maryland St	1	B	No		66.1	66.1	59	59	7.1	7.1	Yes	Yes	1	0
70	2010 Maryland St - GONE	0													
71	2016 Maryland St	1	B	No		65.1	65.1	57.5	57.5	7.6	7.6	No	Yes	1	0
72	2028 Maryland St	1	B	No		64.5	64.5	57	57	7.5	7.5	No	Yes	1	0
73	2034 Maryland St	1	B	No		64.2	64.2	56.7	56.7	7.5	7.5	No	Yes	1	0
74	2042 Maryland St	1	B	No		63.9	63.9	56.4	56.4	7.5	7.5	No	Yes	1	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
75	2044 Maryland St	1	B	No		63.8	63.8	56.1	56.1	7.7	7.7	No	Yes	1	0
76	2054 Maryland St	1	B	No		63.3	63.3	55.7	55.7	7.6	7.6	No	Yes	1	0
77	2060 Maryland St	1	B	No		62.8	62.8	55.3	55.3	7.5	7.5	No	Yes	1	0
78	2112 Maryland St	1	B	No		62.6	62.6	55.1	55.1	7.5	7.5	No	Yes	1	0
79	1104 E Harrison St	1	B	No		67.3	67.3	60	60	7.3	7.3	Yes	Yes	1	0
80	1108 E Harrison St	1	B	No		68	68	60.4	60.4	7.6	7.6	Yes	Yes	1	0
81	2015 Maryland St	1	B	No		68.1	68.1	59.8	59.8	8.3	8.3	Yes	Yes	1	1
82	2025 Maryland St	1	B	No		67.7	67.7	59.1	59.1	8.6	8.6	Yes	Yes	1	1
83	2033 Maryland St	1	B	No		67.1	67.1	58.6	58.6	8.5	8.5	Yes	Yes	1	1
84	2039 Maryland St	1	B	No		66.9	66.9	58.5	58.5	8.4	8.4	Yes	Yes	1	1
85	2045 Maryland St	1	B	No		66.6	66.6	58.4	58.4	8.2	8.2	Yes	Yes	1	1
86	2103 Maryland St	1	B	No		65.7	65.7	57.2	57.2	8.5	8.5	No	Yes	1	1
87	2121 Maryland St	1	B	No		65.3	65.3	56.9	56.9	8.4	8.4	No	Yes	1	1
88	2135 Maryland St	1	B	No		65.1	65.1	56.7	56.7	8.4	8.4	No	Yes	1	1
89	2147 Maryland St	1	B	No		64.8	64.8	56.2	56.2	8.6	8.6	No	Yes	1	1
90	2036 Virginia St	1	B	No		68.9	68.9	60.8	60.8	8.1	8.1	Yes	Yes	1	1
91	2056 Virginia St - GONE	0													
92	2072 Virginia St	1	B	No		68.5	68.5	59.6	59.6	8.9	8.9	Yes	Yes	1	1
93	2076 Virginia St	1	B	No		66.3	66.3	57.8	57.8	8.5	8.5	Yes	Yes	1	1
94	2110 Virginia St	1	B	No		65.7	65.7	57.1	57.1	8.6	8.6	No	Yes	1	1
95	2120 Virginia St	1	B	No		65.9	65.9	57.4	57.4	8.5	8.5	No	Yes	1	1
96	2140 Virginia St	1	B	No		65.3	65.3	57.5	57.5	7.8	7.8	No	Yes	1	0
97	2164 Virginia St	1	B	No		64.7	64.7	56.4	56.4	8.3	8.3	No	Yes	1	1
98	2174 Virginia St	1	B	No		64.5	64.5	56.2	56.2	8.3	8.3	No	Yes	1	1
99	2079 Virginia St	1	B	No		66.3	66.3	59.1	59.1	7.2	7.2	Yes	Yes	1	0
100	2085 Virginia St	1	B	No		65.3	65.3	57.7	57.7	7.6	7.6	No	Yes	1	0
101	2111 Virginia St	1	B	No		64.7	64.7	57.2	57.2	7.5	7.5	No	Yes	1	0
102	2115 Virginia St	1	B	No		63.8	63.8	56.5	56.5	7.3	7.3	No	Yes	1	0
103	2129 Virginia St	1	B	No		63.2	63.2	55.9	55.9	7.3	7.3	No	Yes	1	0
104	2149 Virginia St	1	B	No		62	62	55.1	55.1	6.9	6.9	No	Yes	1	0
105	2136 Missouri St	1	B	No		64.9	64.9	57.1	57.1	7.8	7.8	No	Yes	1	0
106	2148 Missouri St	1	B	No		63.8	63.8	56.5	56.5	7.3	7.3	No	Yes	1	0
107	2178 Missouri St - GONE	0													
108	2186 Missouri St - GONE	0													
109	1157 E Polk St	1	B	No		60.7	60.7	54.4	54.4	6.3	6.3	No	Yes	1	0
110	1158 E Polk St	1	B	No		59.3	59.3	53.6	53.6	5.7	5.7	No	Yes	1	0
111	1156 E Polk St	1	B	No		58.9	58.9	53.7	53.7	5.2	5.2	No	Yes	1	0
112	2135 Missouri St	1	B	No		65.2	65.2	58.3	58.3	6.9	6.9	No	Yes	1	0
113	2161 Missouri St	1	B	No		63.6	63.6	56.8	56.8	6.8	6.8	No	Yes	1	0

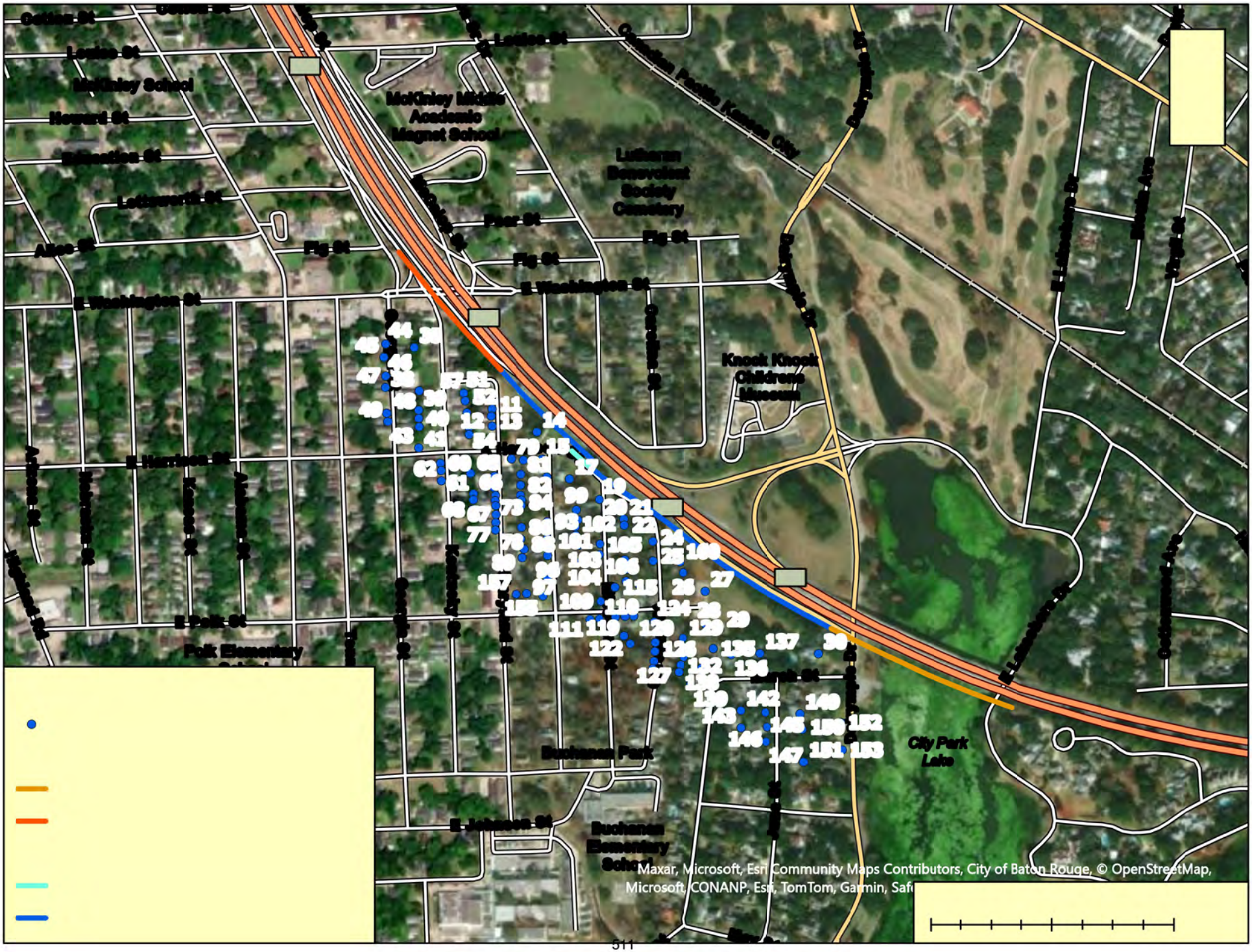
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
114	2173 Missouri St	1	B	No		63.3	63.3	56.5	56.5	6.8	6.8	No	Yes	1	0
115	1209 E Polk St	1	B	No		61.6	61.6	55.4	55.4	6.2	6.2	No	Yes	1	0
116	1211 E Polk St	1	B	No		62.2	62.2	55.8	55.8	6.4	6.4	No	Yes	1	0
117	1221 E Polk St	1	B	No		62.3	62.3	56.3	56.3	6	6	No	Yes	1	0
118	1206 E Polk St	1	B	No		59.3	59.3	53.8	53.8	5.5	5.5	No	Yes	1	0
119	1210 E Polk St	1	B	No		59.1	59.1	53.9	53.9	5.2	5.2	No	Yes	1	0
120	1212 E Polk St	1	B	No		58.9	58.9	53.8	53.8	5.1	5.1	No	Yes	1	0
121	2201 Missouri St	1	B	No		58.4	58.4	52.1	52.1	6.3	6.3	No	Yes	1	0
122	2221 Missouri St	1	B	No		58.5	58.5	52	52	6.5	6.5	No	Yes	1	0
123	1229 E Polk St	1	B	No		65	65	57.8	57.8	7.2	7.2	No	Yes	1	0
124	1236 E Polk St	1	B	No		62.4	62.4	56	56	6.4	6.4	No	Yes	1	0
125	2236 Carolina St	1	B	No		59.7	59.7	53.1	53.1	6.6	6.6	No	Yes	1	0
126	2266 Carolina St	1	B	No		57.9	57.9	51.8	51.8	6.1	6.1	No	Yes	1	0
127	2270 Carolina St	1	B	No		56.9	56.9	51.3	51.3	5.6	5.6	No	Yes	1	0
128	2282 Carolina St	1	B	No		55.7	55.7	50.6	50.6	5.1	5.1	No	Yes	1	0
129	2245 Carolina St	1	B	No		64.5	64.5	57.6	57.6	6.9	6.9	No	Yes	1	0
130	2249 Carolina St	1	B	No		63.5	63.5	56.5	56.5	7	7	No	Yes	1	0
131	2265 Carolina St	1	B	No		62.3	62.3	55.8	55.8	6.5	6.5	No	Yes	1	0
132	2269 Carolina St	1	B	No		61.2	61.2	55.2	55.2	6	6	No	Yes	1	0
133	2273 Carolina St	1	B	No		60	60	54.4	54.4	5.6	5.6	No	Yes	1	0
134	2289 Carolina St	1	B	No		58.3	58.3	54.4	54.4	3.9	3.9	No	No	0	0
135	1705 March St	1	B	No		64.9	64.9	58	58	6.9	6.9	No	Yes	1	0
136	1735 March St	1	B	No		66.5	66.5	58.3	58.3	8.2	8.2	Yes	Yes	1	1
137	1775 March St	1	B	No		67.3	67.3	59	59	8.3	8.3	Yes	Yes	1	1
138	2408 July St	1	B	No		62.5	62.5	56.4	56.4	6.1	6.1	No	Yes	1	0
139	2412 July St	1	B	No		59.9	59.9	54.7	54.7	5.2	5.2	No	Yes	1	0
140	2430 July St	1	B	No		61.3	61.3	58.2	58.2	3.1	3.1	No	No	0	0
141	2407 July St	1	B	No		64.4	64.4	61.7	61.7	2.7	2.7	No	No	0	0
142	2425 July St	1	B	No		60	60	54.2	54.2	5.8	5.8	No	Yes	1	0
143	2437 July St	1	B	No		59.2	59.2	53	53	6.2	6.2	No	Yes	1	0
144	2406 June St	1	B	No		64.5	64.5	60.8	60.8	3.7	3.7	No	No	0	0
145	2416 June St	1	B	No		61.9	61.9	55.8	55.8	6.1	6.1	No	Yes	1	0
146	2434 June St	1	B	No		59.8	59.8	53.2	53.2	6.6	6.6	No	Yes	1	0
147	2446 June St	1	B	No		58.3	58.3	52	52	6.3	6.3	No	Yes	1	0
148	2405 June St	1	B	No		65.4	65.4	61.8	61.8	3.6	3.6	No	No	0	0
149	2425 June St	1	B	No		61.4	61.4	55.5	55.5	5.9	5.9	No	Yes	1	0
150	2435 June St	1	B	No		61.3	61.3	55.2	55.2	6.1	6.1	No	Yes	1	0
151	2519 June St	1	B	No		60.1	60.1	53.6	53.6	6.5	6.5	No	Yes	1	0
152	2502 Dalrymple Dr	1	B	No		64.8	64.8	59.5	59.5	5.3	5.3	No	Yes	1	0

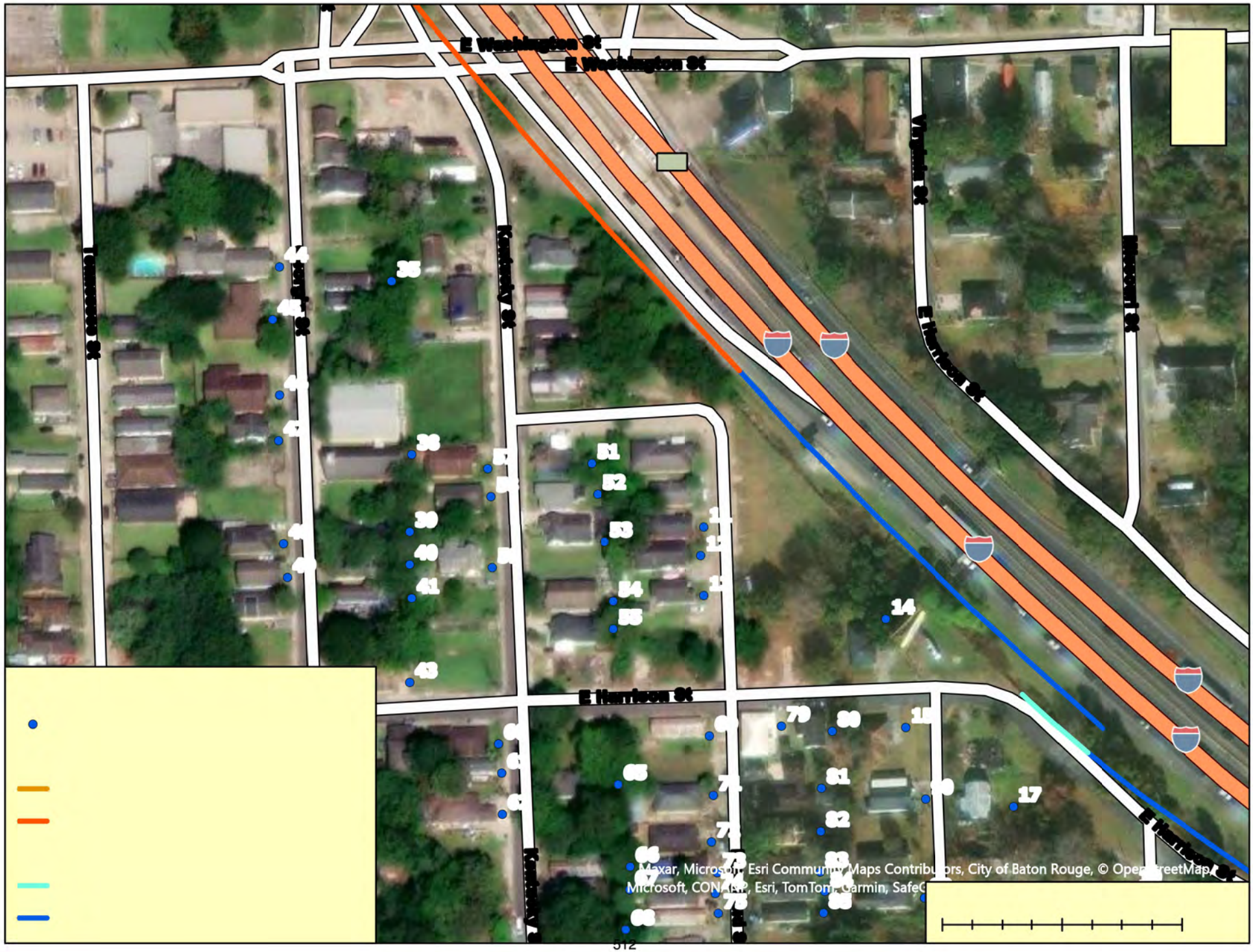
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
153	2436 Dalrymple Dr	1	B	No		63.7	63.7	58.7	58.7	5	5	No	Yes	1	0
154	2528 Dalrymple Dr	1	B	No		62	62	57.5	57.5	4.5	4.5	No	No	0	0
155	1055 E Polk St	1	B	No		63.5	63.5	55.5	55.5	8	8	No	Yes	1	1
156	1015-1017 E Polk	2	B	No		62.9	62.9	54.4	54.4	8.5	8.5	No	Yes	2	2
157	1005 E Polk	1	B	No		61.8	61.8	54	54	7.8	7.8	No	Yes	1	0
158	1855 Kentucky St	1	B	Yes	70	68	72.7	62.1	71.4	5.9	1.3	Yes	No	0	0
159	1807 Georgia St	1	B	Yes	141	65.8	69.2	62.6	68.1	3.2	1.1	Yes	No	0	0
160	2165 Carolina St	1	B	Yes		74.6	74.6	63.3	63.3	11.3	11.3	Yes	Yes	1	1
														Total	Total
														125	29

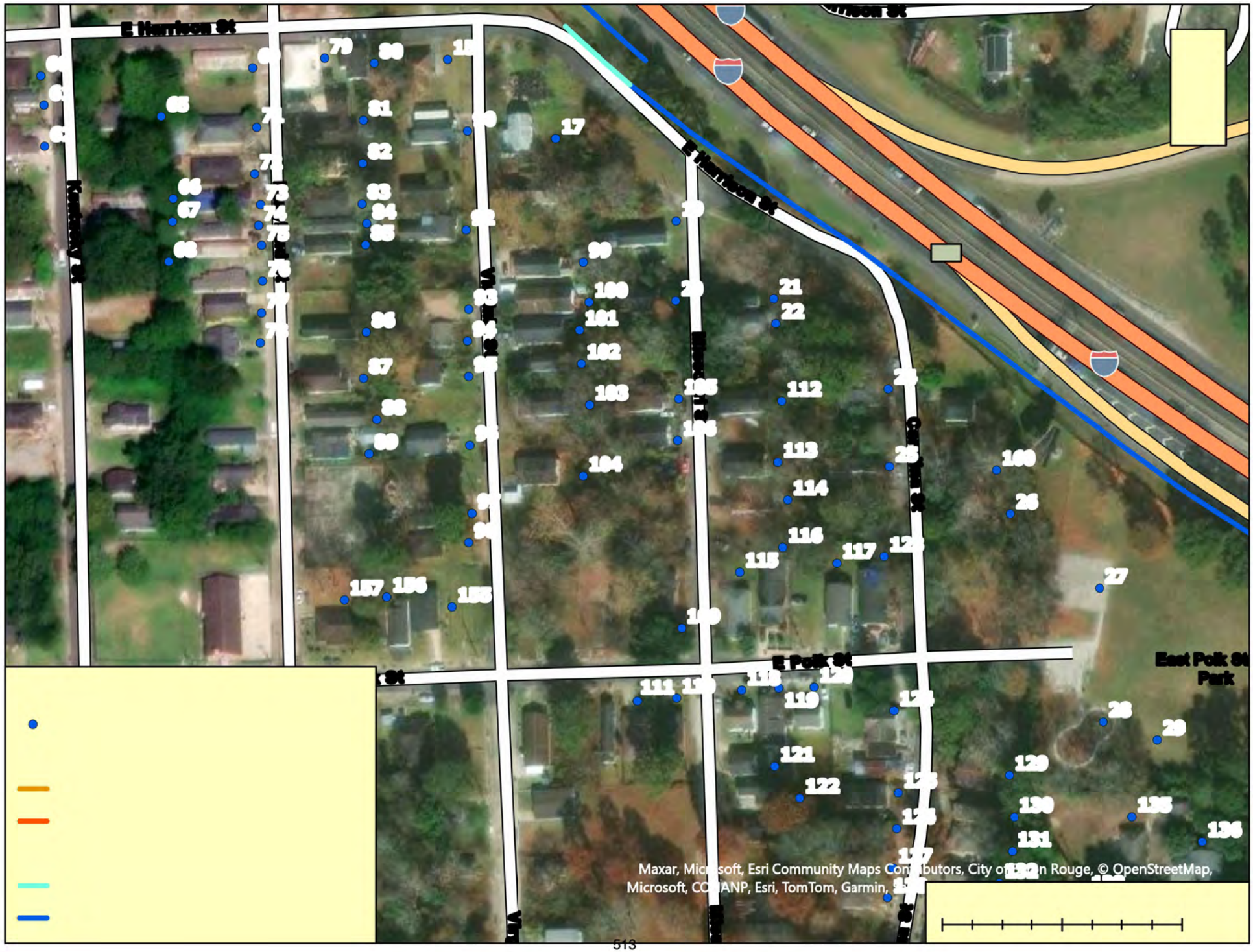
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB2_Abatement (261-270)	1604	101	12	1212	$58	$70,296	$634,752
EB2_Abatement (261-270)	1605	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1606	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1607	203	12	2436	$58	$141,288	
EB2_Abatement (261-270)	1608	202	12	2424	$58	$140,592	
EB2_Abatement (1246-261)	1537	100	7	700	$71	$49,700	$1,662,252
EB2_Abatement (1246-261)	1538	220	17	3740	$71	$265,540	
EB2_Abatement (1246-261)	1539	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1540	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1541	203	17	3451	$71	$245,021	
EB2_Abatement (1246-261)	1542	198	17	3366	$71	$238,986	
EB2_Abatement (1246-261)	1543	208	17	3536	$71	$251,056	
EB2_Abatement (1246-261)	1544	101	17	1717	$71	$121,907	
EB2_Abatement (242-248)	1532	198	17	3366	$71	$238,986	$708,509
EB2_Abatement (242-248)	1533	206	17	3502	$71	$248,642	
EB2_Abatement (242-248)	1534	183	17	3111	$71	$220,881	
EB1_Abatement_(235-242)	1780	206	14	2884	$58	$167,272	$579,768
EB1_Abatement_(235-242)	1781	102	14	1428	$58	$82,824	
EB1_Abatement_(235-242)	1782	202	14	2828	$58	$164,024	
EB1_Abatement_(235-242)	1784	204	14	2856	$58	$165,648	
EB1_Abatement_(220-1242)	1518	101	0	0	$58	$0	$0
EB1_Abatement_(220-1242)	1519	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1520	201	0	0	$58	$0	
EB1_Abatement_(220-1242)	1521	200	0	0	$58	$0	
EB1_Abatement_(220-1242)	1522	299	0	0	$58	$0	
EB1_Abatement_(220-1242)	1523	203	0	0	$58	$0	
EB1_Abatement_(220-1242)	1524	99	0	0	$58	$0	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
EB1_Abatement_(220-1242)	1525	101	0	0	$58	$0	
EB1_Abatement_(220-1242)	1526	206	0	0	$58	$0	
EB1_Abatement_(220-1242)	1527	101	0	0	$58	$0	
EB1_Abatement_(220-1242)	1528	104	0	0	$58	$0	
EB1_Abatement_(220-1242)	1529	116	0	0	$58	$0	
EB1_Abatement_(220-1242)	1761	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1762	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1763	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1764	100	0	0	$58	$0	
EB1_Abatement_(220-1242)	1765	39	0	0	$58	$0	
							Total
							$3,585,281

# of 1st Row Impacted Receptors	23
# of 1st Row Impacted Receptors & Benefitted	11
Percent of 1st Row Impacted Receptors Benefit	48%
Feasible?	No
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	125
Total Cost	$3,585,281
Total Cost per Benefitted Receptors	$28,682.25
Meets Cost Effectiveness Goal?	Yes
Potentially Reasonable?	Yes


McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Knock Knock Children's Museum
Polk Elementary
Buchanan Park
Buchanan Elementary School
City Park Lake
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, Saf


E Washington St
E Washington St
E Harrison St
E Harrison St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeG


E Harrison St
E Polk St
East Polk St Park
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin,


East Polk Street Park
E Polk St
March St
March St
Dalrymple Dr
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge © OpenStreetMap, Microsoft, CONANP, Esri TomTom, Garmin, SafeG

Appendix I-11

WB2 Short Barriers

WB2 NSA Short Benefit Barrier

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
1	1205 Fig St	1	B	Yes	155	67.7	69.8	61.2	67	6.5	2.8	Yes	No	0	0
2	1134 Pear St	1	B	Yes	126	67.6	70.1	61.2	67.6	6.4	2.5	Yes	No	0	0
3	1120 Pear St	1	B	Yes	107	67.7	70.7	62.1	68.8	5.6	1.9	Yes	No	0	0
4	1185 Pear St	1	B	Yes	112	68.9	71.3	63.5	69.1	5.4	2.2	Yes	No	0	0
5	Mckinley Middle Classroom Ext (West)	1	D	Yes	137	42.8	48.1	40.9	47.6	1.9	0.5	No	No	0	0
6	McKinley Middle Classroom Ext (North)	1	D	No	179	39.7	46.1	39.7	46.1	0	0	No	No	0	0
7	1103 Louise St	1	B	No	30	66.8	74.2	66.8	74.2	0	0	Yes	No	0	0
8	1117 Louise St - GONE	0													
9	1125 Hickory St	1	B	No	138	68	70.3	67.9	70.3	0.1	0	Yes	No	0	0
10	1117 Pecan St	1	B	No	71	68.5	72.9	68.4	72.8	0.1	0.1	Yes	No	0	0
11	1120 Swart St - GONE	0													
12	1349 McCalop St - GONE	0													
13	1138 Terrace St	1	B	No	48	67.8	74.3	67.8	74.4	0	-0.1	Yes	No	0	0
14	1123 Terrace St	1	B	No	26	67.5	74.3	67.5	74.3	0	0	Yes	No	0	0
15	1108 Julia St	1	B	No	44	69.2	74.7	69.2	74.7	0	0	Yes	No	0	0
16	St Francis Xavier Ch (courtyard)	1	C	No	43	69.1	74.7	69.1	74.7	0	0	Yes	No	0	0
17	St Francis Xavier Ch (West)	1	D	No	48	44.7	51.1	44.7	51.1	0	0	Yes	No	0	0
18	1107 Myrtle St	1	B	No	86	68.5	71.8	68.4	71.8	0.1	0	Yes	No	0	0
19	927 S 11th St	1	B	No	50	68.5	72.9	68.5	72.9	0	0	Yes	No	0	0
20	1118 South St	1	B	No	112	67.6	70.6	67.6	70.7	0	-0.1	Yes	No	0	0
21	1073 South St	1	B	No	19	69.3	78	69.3	78.1	0	-0.1	Yes	No	0	0
22	846 S 12th St	1	B	No	155	68.2	70.1	68.2	70.1	0	0	Yes	No	0	0
23	824 S 12th St	1	B	No	165	67.7	69.8	67.7	69.8	0	0	Yes	No	0	0
24	810 S 12th St	1	B	No	155	67.4	69.6	67.4	69.6	0	0	Yes	No	0	0
25	1084 Mayflower St	1	B	No	53	67.1	72.4	67.1	72.4	0	0	Yes	No	0	0
26	714 S 12th St	1	B	No		66	66	66	66	0	0	Yes	No	0	0
27	702 S 12th St	1	B	No		66.4	66.4	66.3	66.3	0.1	0.1	Yes	No	0	0
28	Non-profits Buildings	1	D	No		41.2	41.2	41.2	41.2	0	0	No	No	0	0
29	1223 E Washington St - GONE	0													
30	1229 E Washington St	1	B	Yes		66.5	66.5	60.5	60.5	6	6	Yes	Yes	1	0
31	1235 E Washington St	1	B	No		65.7	65.7	59.8	59.8	5.9	5.9	No	Yes	1	0
32	1237 E Washington St	1	B	No		65.6	65.6	59.6	59.6	6	6	No	Yes	1	0
33	1303 E Washington St	1	B	No		65.2	65.2	59.1	59.1	6.1	6.1	No	Yes	1	0
34	1305 E Washington St - GONE	0													

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
35	1319 E Washington St	1	B	No		64.4	64.4	58.5	58.5	5.9	5.9	No	Yes	1	0
36	1321 E Washington St	1	B	No		63.8	63.8	58.1	58.1	5.7	5.7	No	Yes	1	0
37	1325 E Washington St - GONE	0													
38	1327 E Washington St	1	B	No		62.8	62.8	57.6	57.6	5.2	5.2	No	Yes	1	0
39	1211 Fig St	1	B	No		66.3	66.3	60.8	60.8	5.5	5.5	Yes	Yes	1	0
40	1237 Fig St - GONE	0													
41	1249 Fig St - GONE	0													
42	1263 Fig St - GONE	0													
43	1774 Eddie Robinson Sr Dr	1	B	No		64.2	64.2	58.3	58.3	5.9	5.9	No	Yes	1	0
44	1768 Eddie Robinson Sr Dr	1	B	No		64	64	58.3	58.3	5.7	5.7	No	Yes	1	0
45	1762 Eddie Robinson Sr Dr	1	B	No		64.1	64.1	58.1	58.1	6	6	No	Yes	1	0
46	1740 Eddie Robinson Sr Dr	1	B	No		62.5	62.5	57.5	57.5	5	5	No	Yes	1	0
47	1258 Pear St	1	B	No		66.5	66.5	60.7	60.7	5.8	5.8	Yes	Yes	1	0
48	1280 Pear St	1	B	No		64.8	64.8	59.3	59.3	5.5	5.5	No	Yes	1	0
49	1338 Pear St (Duplex)	2	B	No		64	64	58.5	58.5	5.5	5.5	No	Yes	2	0
50	1344 Pear St (Duplex)	2	B	No		63.6	63.6	58.2	58.2	5.4	5.4	No	Yes	2	0
51	1173 Pear St	1	B	No	148	66.9	69.7	61.4	67.7	5.5	2	Yes	No	0	0
52	1217 Pear St	1	B	No		65.7	65.7	60.6	60.6	5.1	5.1	No	Yes	1	0
53	1225 Pear St - GONE	0													
54	Brooks Park (Pool)	1	C	No		64.3	64.3	58.7	58.7	5.6	5.6	No	Yes	1	0
55	Brooks Park (Playground)	1	C	No		64.6	64.6	59.1	59.1	5.5	5.5	No	Yes	1	0
56	1123 Louise St	1	B	No	130	67.5	70.1	67.3	69.9	0.2	0.2	Yes	No	0	0
57	McKnowen MBapt Church (no ext use)	1	D	No		40.4	40.4	40.1	40.1	0.3	0.3	No	No	0	0
58	1265 Louise St	1	B	No		61	61	60.9	60.9	0.1	0.1	No	No	0	0
59	1137 Hickory St	1	B	No		63	63	63	63	0	0	No	No	0	0
60	1203 Hickory St	1	B	No		65.4	65.4	65.2	65.2	0.2	0.2	No	No	0	0
61	1255 Hickory St	1	B	No		62.1	62.1	62	62	0.1	0.1	No	No	0	0
62	1129 Pecan St - GONE	0													
63	1128 Swart St - GONE	0													
64	1132 Swart St	1	B	No	162	64.7	68.2	64.7	64.7	0	3.5	Yes	No	0	0
65	1138 Swart St	1	B	No		64.1	64.1	64.1	64.1	0	0	No	No	0	0
66	1158 Swart St	1	B	No		64.6	64.6	64.6	64.6	0	0	No	No	0	0
67	1408 Swart St	1	B	No		63.2	63.2	63.1	63.1	0.1	0.1	No	No	0	0
68	1145 Swart St	1	B	No		67.4	67.4	67.4	67.4	0	0	Yes	No	0	0
69	1163 Swart St	1	B	No		66.9	66.9	66.7	66.7	0.2	0.2	Yes	No	0	0
70	1181 Swart St	1	B	No		64.6	64.6	64.5	64.5	0.1	0.1	No	No	0	0
71	1249 Swart St	1	B	No		64.9	64.9	64.8	64.8	0.1	0.1	No	No	0	0
72	1265 Swart St	1	B	No		63.8	63.8	63.7	63.7	0.1	0.1	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
73	1150 Terrace St (Apts 1st floor)	2	B	No	104	67.1	70.4	67	70.4	0.1	0	Yes	No	0	0
74	1150 Terrace St (Apts 2nd floor)	2	B	No	106	70.2	72.2	70.2	72.2	0	0	Yes	No	0	0
75	New Prospect MBapt Church (no ext)	1	D	No		41.3	41.3	41.3	41.3	0	0	No	No	0	0
76	1125 Terrace St	1	B	No	103	67.4	70.6	67.4	70.6	0	0	Yes	No	0	0
77	St Francis Xavier Early Child Dev (playground)	1	C	No		67.4	67.4	67.4	67.4	0	0	Yes	No	0	0
78	1209 Terrace St	1	B	No		65.3	65.3	65.2	65.2	0.1	0.1	No	No	0	0
79	1217 Terrace St	1	B	No		64.9	64.9	64.8	64.8	0.1	0.1	No	No	0	0
80	1223 Terrace St	1	B	No		64.7	64.7	64.6	64.6	0.1	0.1	No	No	0	0
81	1225 Terrace St	1	B	No		64.3	64.3	64.2	64.2	0.1	0.1	No	No	0	0
82	1233 Terrace St	1	B	No		63.9	63.9	63.9	63.9	0	0	No	No	0	0
83	1235 Terrace St	1	B	No		63.1	63.1	63	63	0.1	0.1	No	No	0	0
84	1232 S 12th St	1	B	No	200	67.5	67.5	67.5	67.5	0	0	Yes	No	0	0
85	1226 S 12th St	1	B	No		67.2	67.2	67.2	67.2	0	0	Yes	No	0	0
86	1245 S 12th St	1	B	No		65.3	65.3	65.2	65.2	0.1	0.1	No	No	0	0
87	1237 S 12th St	1	B	No		64.8	64.8	64.8	64.8	0	0	No	No	0	0
88	1112 Julia St	1	B	No		68.1	68.1	68.1	68.1	0	0	Yes	No	0	0
89	St Francis Xavier Child Care Ctr (playground)	1	C	No		67.5	67.5	67.5	67.5	0	0	Yes	No	0	0
90	St Francis Xavier Child Care Ctr (ext)	1	D	No		41.2	41.2	41.1	41.1	0.1	0.1	No	No	0	0
91	1208 Julia St	1	B	No		63	63	62.9	62.9	0.1	0.1	No	No	0	0
92	1214 Julia St	1	B	No		62.2	62.2	62.2	62.2	0	0	No	No	0	0
93	1219 Julia St	1	B	No		61.7	61.7	61.7	61.7	0	0	No	No	0	0
94	1227 Julia St	1	B	No		61.9	61.9	61.9	61.9	0	0	No	No	0	0
95	1202 Myrtle St - GONE	0													
96	1214 Myrtle St	1	B	No		60.7	60.7	60.7	60.7	0	0	No	No	0	0
97	1220 Myrtle St	1	B	No		61.3	61.3	61.3	61.3	0	0	No	No	0	0
98	1222 Myrtle St	1	B	No		61.2	61.2	61.2	61.2	0	0	No	No	0	0
99	1109 Myrtle St	1	B	No	125	67.1	69.8	67.1	69.8	0	0	Yes	No	0	0
100	1113 Myrtle St	1	B	No	155	66.3	69	66.3	69	0	0	Yes	No	0	0
101	1209 Myrtle St	1	B	No		61.9	61.9	61.9	61.9	0	0	No	No	0	0
102	1225 Myrtle St	1	B	No		58.3	58.3	58.3	58.3	0	0	No	No	0	0
103	1227 Myrtle St	1	B	No		59.2	59.2	59.2	59.2	0	0	No	No	0	0
104	968 S 12th St	1	B	No		64.2	64.2	64.2	64.2	0	0	No	No	0	0
105	966 S 12th St	1	B	No		64.1	64.1	64.1	64.1	0	0	No	No	0	0

Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
106	962 S 12th St	1	B	No		63.2	63.2	63.2	63.2	0	0	No	No	0	0
107	954 S 12th St	1	B	No		62.3	62.3	62.3	62.3	0	0	No	No	0	0
108	946 S 12th St	1	B	No		62.3	62.3	62.3	62.3	0	0	No	No	0	0
109	932 S 12th St	1	B	No		63.8	63.8	63.8	63.8	0	0	No	No	0	0
110	951 S 12th St	1	B	No		63.3	63.3	63.2	63.2	0.1	0.1	No	No	0	0
111	945 S 12th St	1	B	No		63.2	63.2	63.1	63.1	0.1	0.1	No	No	0	0
112	917 S 12th St	1	B	No		63.2	63.2	63.2	63.2	0	0	No	No	0	0
113	915 S 12th St	1	B	No		63.1	63.1	63.1	63.1	0	0	No	No	0	0
114	911 S 12th St	1	B	No		63.2	63.2	63.2	63.2	0	0	No	No	0	0
115	1128 South St	1	B	No		65.9	65.9	65.9	65.9	0	0	No	No	0	0
116	1134 South St	1	B	No		66.1	66.1	66.1	66.1	0	0	Yes	No	0	0
117	1146 South St	1	B	No		64.5	64.5	64.5	64.5	0	0	No	No	0	0
118	1202 South St	1	B	No		63.2	63.2	63.2	63.2	0	0	No	No	0	0
119	1204 South St - GONE	0													
120	1208 South St	1	B	No		59.7	59.7	59.7	59.7	0	0	No	No	0	0
121	1121 South St	1	B	No		64.7	64.7	64.6	64.6	0.1	0.1	No	No	0	0
122	1131 South St	1	B	No		62.3	62.3	62.3	62.3	0	0	No	No	0	0
123	1211 South St	1	B	No		60.4	60.4	60.4	60.4	0	0	No	No	0	0
124	804 S 12th St	1	B	No		66.8	66.8	66.8	66.8	0	0	Yes	No	0	0
125	744 S 12th St	1	B	No		66.2	66.2	66.2	66.2	0	0	Yes	No	0	0
126	839 S 12th St	1	B	No		65.1	65.1	65.1	65.1	0	0	No	No	0	0
127	823 S 12th St	1	B	No		65	65	65	65	0	0	No	No	0	0
128	763 S 12th St	1	B	No		63.4	63.4	63.4	63.4	0	0	No	No	0	0
129	721 S 12th St	1	B	No		63.3	63.3	63.3	63.3	0	0	No	No	0	0
130	703 S 12th St	1	B	No		63.8	63.8	63.8	63.8	0	0	No	No	0	0
131	870 Peach St	1	B	No		62.7	62.7	62.7	62.7	0	0	No	No	0	0
132	842 Peach St	1	B	No		62.5	62.5	62.5	62.5	0	0	No	No	0	0
133	826 Peach St	1	B	No		62.2	62.2	62.2	62.2	0	0	No	No	0	0
134	712 Peach St	1	B	No		61	61	61	61	0	0	No	No	0	0
135	706 Peach St	1	B	No		60.7	60.7	60.7	60.7	0	0	No	No	0	0
136	702 Peach St	1	B	No		58.9	58.9	58.9	58.9	0	0	No	No	0	0
137	871 Peach St	1	B	No		59.7	59.7	59.7	59.7	0	0	No	No	0	0
138	833 Peach St	1	B	No		60.8	60.8	60.8	60.8	0	0	No	No	0	0
139	807 Peach St	1	B	No		61.1	61.1	61.1	61.1	0	0	No	No	0	0
140	805 Peach St	1	B	No		61.1	61.1	61.1	61.1	0	0	No	No	0	0
141	803 Peach St	1	B	No		60.8	60.8	60.8	60.8	0	0	No	No	0	0
142	711 Peach St	1	B	No		60.1	60.1	60.1	60.1	0	0	No	No	0	0
143	701 Peach St	1	B	No		58.9	58.9	58.8	58.8	0.1	0.1	No	No	0	0
144	860 Eddie Robinson Sr Dr	1	B	No		60.2	60.2	60.1	60.1	0.1	0.1	No	No	0	0

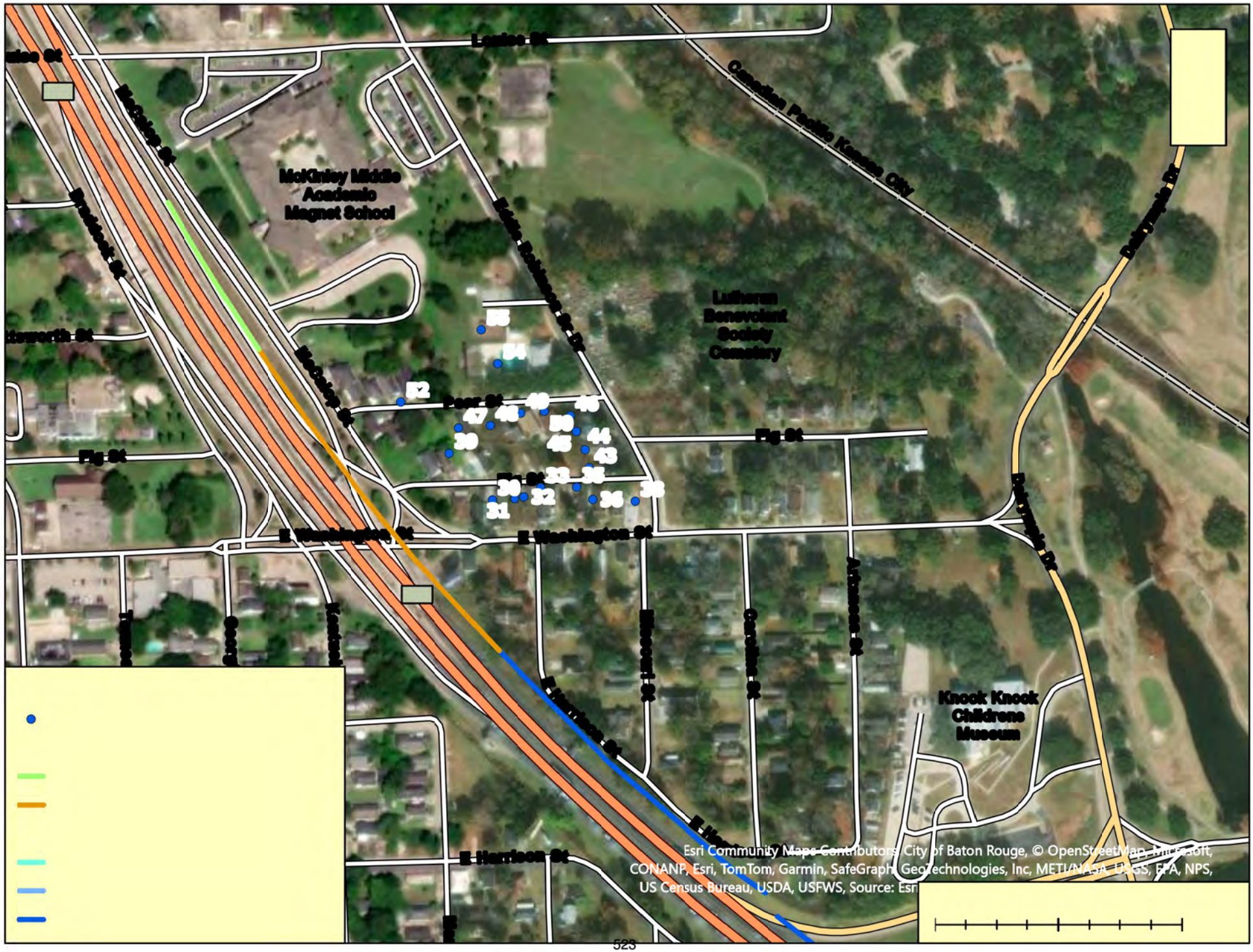
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	Distance to Bridge Deck (ft)	No Barrier (dBA)		With Barrier (dBA)		IL (dBA)		Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
						Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise	Without Deck Noise	With Deck Noise				
145	850 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	60.1	60.1	0	0	No	No	0	0
146	848 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	60.3	60.3	0	0	No	No	0	0
147	844 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	60.3	60.3	0.1	0.1	No	No	0	0
148	834 Eddie Robinson Sr Dr	1	B	No		60.3	60.3	60.3	60.3	0	0	No	No	0	0
149	828 Eddie Robinson Sr Dr - GONE	0													
150	826 Eddie Robinson Sr Dr	1	B	No		60.4	60.4	60.4	60.4	0	0	No	No	0	0
151	824 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	60.1	60.1	0	0	No	No	0	0
152	810 Eddie Robinson Sr Dr	1	B	No		60.1	60.1	60.1	60.1	0	0	No	No	0	0
153	722 Eddie Robinson Sr Dr	1	B	No		59.9	59.9	59.9	59.9	0	0	No	No	0	0
154	714 Eddie Robinson Sr Dr	1	B	No		59.6	59.6	59.5	59.5	0.1	0.1	No	No	0	0
155	706 Eddie Robinson Sr Dr	1	B	No		58.3	58.3	58.3	58.3	0	0	No	No	0	0
156	702 Eddie Robinson Sr Dr - GONE	0													
157	640 Eddie Robinson Sr Dr	1	B	No		57.8	57.8	57.8	57.8	0	0	No	No	0	0
158	638 Eddie Robinson Sr Dr	2	B	No		57.8	57.8	57.7	57.7	0.1	0.1	No	No	0	0
159	632 Eddie Robinson Sr Dr - GONE	0													
160	626 Eddie Robinson Sr Dr - GONE	0													
161	614 Eddie Robinson Sr Dr	1	B	No		56.3	56.3	56.3	56.3	0	0	No	No	0	0
162	590 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	49.9	49.9	0.2	0.2	No	No	0	0
163	576 Eddie Robinson Sr Dr	1	B	No		50.1	50.1	50	50	0.1	0.1	No	No	0	0
164	564 Eddie Robinson Sr Dr	1	B	No		51	51	50.8	50.8	0.2	0.2	No	No	0	0
165	Expressway Park (Football)	1	C	No	40	68.9	74.7	68.9	74.6	0	0.1	Yes	No	0	0
166	Expressway Park (BBall)	1	C	No	40	67.9	74.4	67.9	74.4	0	0	Yes	No	0	0
167	Expressway Park (Picnic Shelter)	1	C	No	45	68.2	74.5	68.2	74.5	0	0	Yes	No	0	0
168	Expressway Park (playground)	1	C	No	40	67.8	74.4	67.8	74.4	0	0	Yes	No	0	0
														Total	Total
														21	0

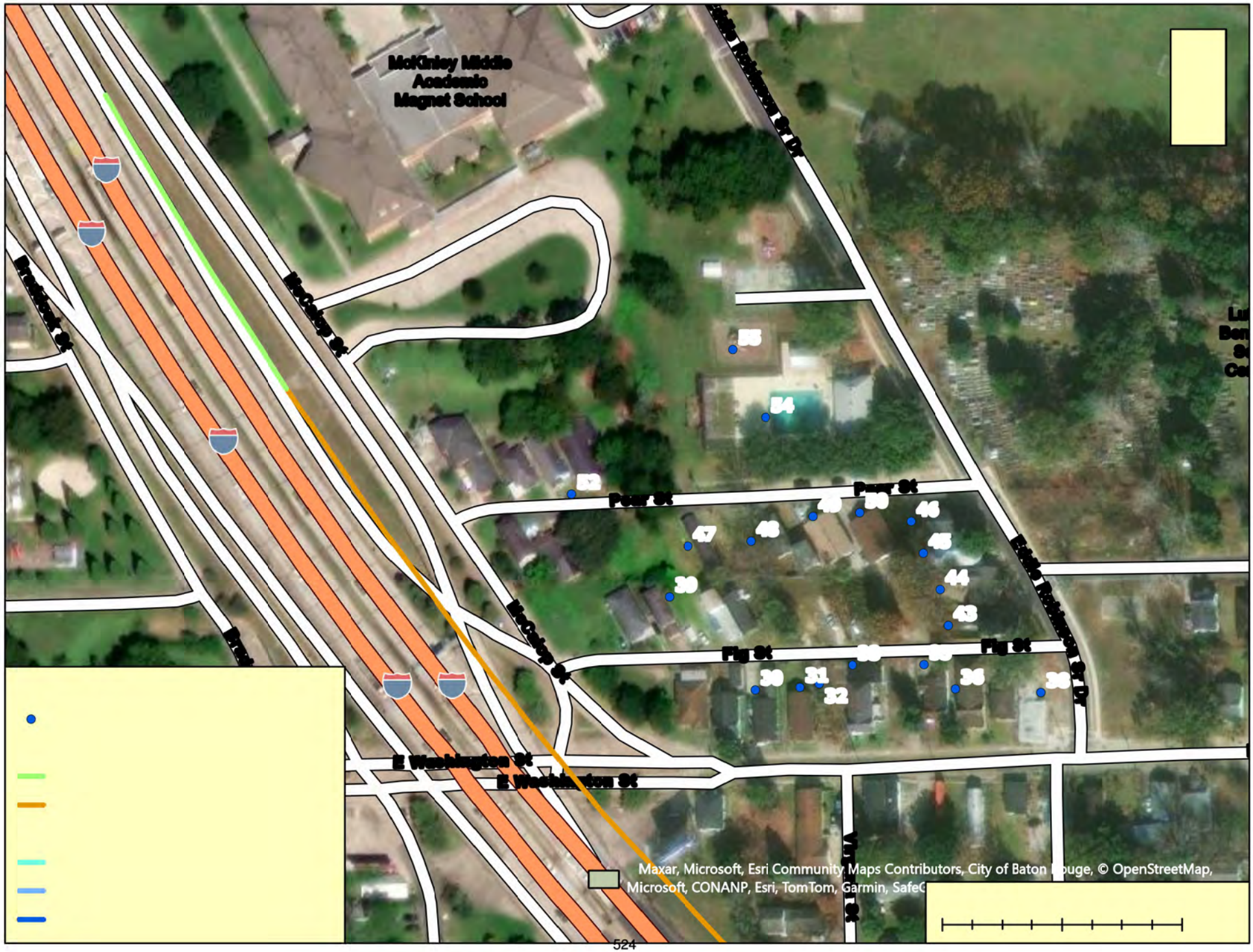
Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_Abatement (199 - 191)	1634	200	0	0	$71	$0	$0
WB2_Abatement (199 - 191)	1635	201	0	0	$71	$0	
WB2_Abatement (199 - 191)	1636	199	0	0	$71	$0	
WB2_Abatement (199 - 191)	1637	210	0	0	$71	$0	
WB2_ (196+35 - 191)	1600	134	0	0	$71	$0	$0

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_ (196+35 - 191)	1601	202	0	0	$71	$0	
WB2_ (196+35 - 191)	1602	212	0	0	$71	$0	
I-10eb to I-110nb (outer)	1641	201	0	0	$58	$0	$0
I-10eb to I-110nb (outer)	1642	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1643	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1644	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1645	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1646	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1647	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1648	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1649	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1650	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1651	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1652	101	0	0	$58	$0	
I-10eb to I-110nb (outer)	1653	100	0	0	$58	$0	
I-10eb to I-110nb (outer)	1654	150	0	0	$58	$0	
I110sb to I10eb (inner)	1709	100	0	0	$58	$0	$0
I110sb to I10eb (inner)	1710	200	0	0	$58	$0	
I110sb to I10eb (inner)	1711	200	0	0	$58	$0	
I110sb to I10eb (inner)	1712	199	0	0	$58	$0	
I110sb to I10eb (inner)	1713	192	0	0	$58	$0	
I110sb to I10eb (inner)-2	1756	124	0	0	$58	$0	$0
I110sb to I10eb (inner)-2	1715	199	0	0	$58	$0	
I110sb to I10eb (inner)-2	1716	203	0	0	$58	$0	
I110sb to I10eb (inner)-2	1717	180	0	0	$58	$0	
I110sb to I10eb (inner)-2	1718	104	0	0	$58	$0	
I110sb to I10eb (inner)-2	1719	100	0	0	$58	$0	
I10nb to I10wb (outer)	1691	204	0	0	$58	$0	$0
I10nb to I10wb (outer)	1692	111	0	0	$58	$0	
I10nb to I10wb (outer)	1693	105	0	0	$58	$0	
I10nb to I10wb (outer)	1694	108	0	0	$58	$0	
I10nb to I10wb (outer)	1695	103	0	0	$58	$0	
I10nb to I10wb (outer)	1696	108	0	0	$58	$0	
I10nb to I10wb (outer)	1697	104	0	0	$58	$0	
I10nb to I10wb (outer)	1698	105	0	0	$58	$0	
I10nb to I10wb (outer)	1699	105	0	0	$58	$0	
I10nb to I10wb (outer)	1700	103	0	0	$58	$0	
I10nb to I10wb (outer)	1701	105	0	0	$58	$0	
I10nb to I10wb (outer)	1702	102	0	0	$58	$0	
I10nb to I10wb (outer)	1703	196	0	0	$58	$0	
I10nb to I10wb (outer)	1704	98	0	0	$58	$0	
WB2__Structure (229-199)	1582	303	0	0	$58	$0	$0

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2__Structure (229-199)	1583	203	0	0	$58	$0	
WB2__Structure (229-199)	1584	192	0	0	$58	$0	
WB2__Structure (229-199)	1585	100	0	0	$58	$0	
WB2__Structure (229-199)	1586	94	0	0	$58	$0	
WB2__Structure (229-199)	1587	94	0	0	$58	$0	
WB2__Structure (229-199)	1588	98	0	0	$58	$0	
WB2__Structure (229-199)	1589	93	0	0	$58	$0	
WB2__Structure (229-199)	1590	152	0	0	$58	$0	
WB2__Structure (229-199)	1591	199	0	0	$58	$0	
WB2__Structure (229-199)	1592	200	0	0	$58	$0	
WB2__Structure (229-199)	1593	200	0	0	$58	$0	
WB2__Structure (229-199)	1594	200	0	0	$58	$0	
WB2__Structure (229-199)	1595	199	0	0	$58	$0	
WB2__Structure (229-199)	1596	201	0	0	$58	$0	
WB2__Structure (229-199)	1597	201	0	0	$58	$0	
WB2__Structure (229-199)	1598	199	0	0	$58	$0	
WB2_Structure (240-228+)	1625	200	12	2400	$58	$139,200	$803,648
WB2_Structure (240-228+)	1626	198	12	2376	$58	$137,808	
WB2_Structure (240-228+)	1627	97	12	1164	$58	$67,512	
WB2_Structure (240-228+)	1628	199	12	2388	$58	$138,504	
WB2_Structure (240-228+)	1629	196	12	2352	$58	$136,416	
WB2_Structure (240-228+)	1630	99	8	792	$58	$45,936	
WB2_Structure (240-228+)	1631	99	8	792	$58	$45,936	
WB2_Structure (240-228+)	1632	199	8	1592	$58	$92,336	
WB3_Abatement (250-242)	1572	43	17	731	$71	$51,901	$1,000,603
WB3_Abatement (250-242)	1573	193	17	3281	$71	$232,951	
WB3_Abatement (250-242)	1574	202	17	3434	$71	$243,814	
WB3_Abatement (250-242)	1575	199	17	3383	$71	$240,193	
WB3_Abatement (250-242)	1576	192	17	3264	$71	$231,744	
							Total
							$1,804,251

# of 1st Row Impacted Receptors	5
# of 1st Row Impacted Receptors & Benefitted	1
Percent of 1st Row Impacted Receptors Benefit	20%
Feasible?	No
Meets 8 IL requirement?	No
Number of Benefited Receptors	21
Total Cost	$1,804,251
Total Cost per Benefitted Receptors	$85,916.71
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


McKinley Middle Academic Magnet School
Lutheran Benevolent Society Cemetery
Knock Knock Children's Museum
Canadian Pacific Kansas City
E Washington St
Fig St
Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Source: Esri


McKinley Middle
Academic
Magnet School
Pear St
Pear St
Fig St
Fig St
E Washington St
E Washington St
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap,
Microsoft, CONANP, Esri, TomTom, Garmin, SafeG

Appendix I-12

WB3 Short Barriers

WB3 NSA Short Benefit Barrier

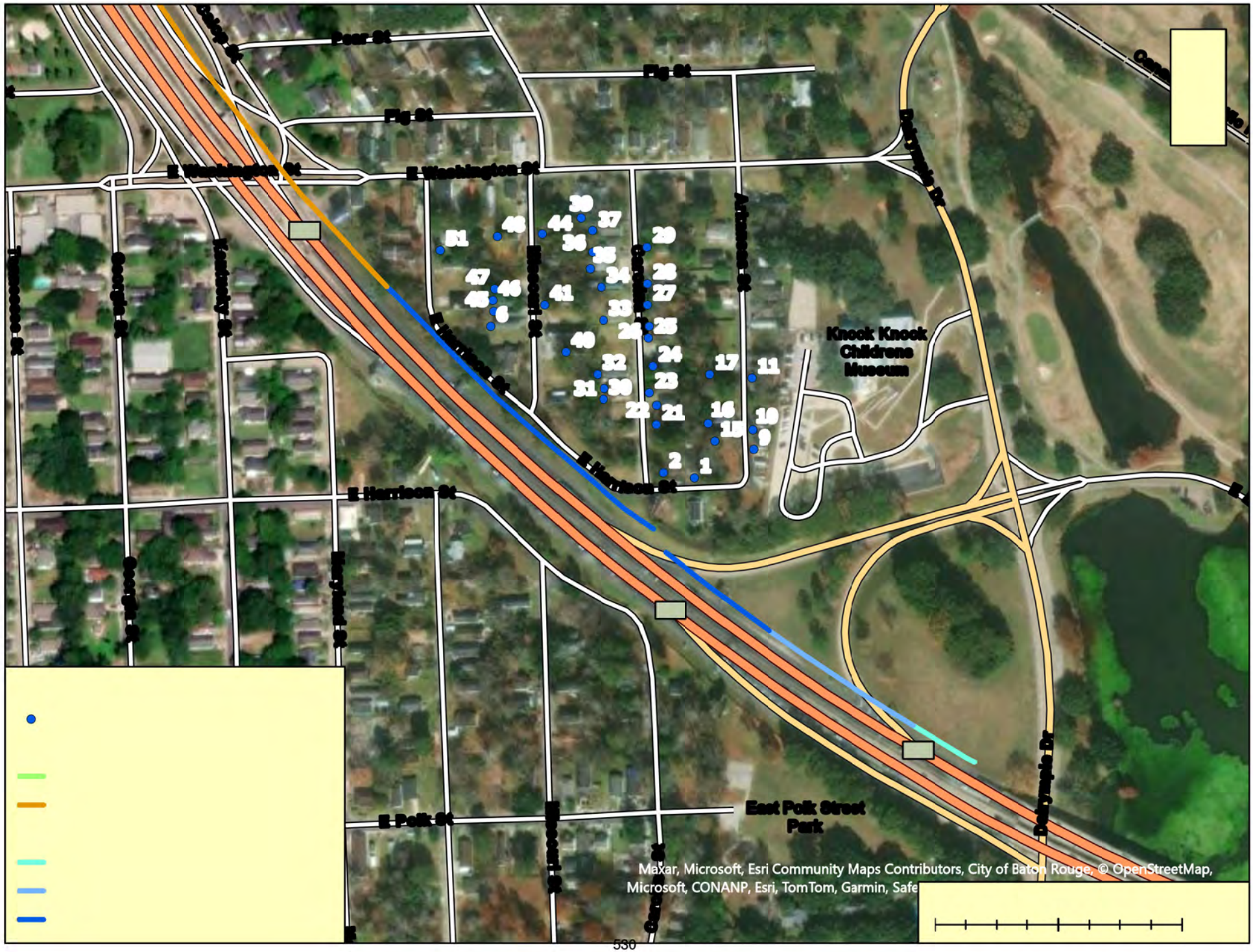
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
1	1421 E Harrison St	1	B	Yes	72.8	66.6	6.2	Yes	Yes	1	0
2	1417 E Harrison St	1	B	Yes	73.7	66.2	7.5	Yes	Yes	1	0
3	1950 Carolina St - GONE	0								0	0
4	1936 Carolina St - GONE	0								0	0
5	1935 Missouri St - GONE	0								0	0
6	1864 Missouri St	1	B	Yes	71.6	64.8	6.8	Yes	Yes	1	0
7	1855 Virginia St - GONE	0								0	0
8	Knock Knock Childrens Museum (picnic)	1	C	No	64.2	60.1	4.1	No	No	0	0
9	1965 Arkansas St	1	B	No	68.5	62.9	5.6	Yes	Yes	1	0
10	1955 Arkansas St	1	B	No	67.1	61.7	5.4	Yes	Yes	1	0
11	1925 Arkansas St	1	B	No	65	59.8	5.2	No	Yes	1	0
12	1921 Arkansas St	1	B	No	64.1	59.2	4.9	No	No	0	0
13	1915 Arkansas St	1	B	No	63.5	58.9	4.6	No	No	0	0
14	1901 Arkansas St	1	B	No	62.4	57.8	4.6	No	No	0	0
15	1966 Arkansas St	1	B	No	68.7	63.4	5.3	Yes	Yes	1	0
16	1956 Arkansas St	1	B	No	67.6	61.5	6.1	Yes	Yes	1	0
17	1920 Arkansas St	1	B	No	66	60.4	5.6	Yes	Yes	1	0
18	1854 Arkansas St	1	B	No	62.7	57.9	4.8	No	No	0	0
19	1842 Arkansas St	1	B	No	61.3	56.5	4.8	No	No	0	0
20	1861 Arkansas St	1	B	No	62	57.3	4.7	No	No	0	0
21	1933 Carolina St	1	B	Yes	70.8	63.3	7.5	Yes	Yes	1	0
22	1929 Carolina St	1	B	No	69.3	62.3	7	Yes	Yes	1	0
23	1925 Carolina St	1	B	No	68.4	61.6	6.8	Yes	Yes	1	0
24	1913 Carolina St	1	B	No	67.5	60.9	6.6	Yes	Yes	1	0
25	1873 Carolina St	1	B	No	66.4	60	6.4	Yes	Yes	1	0
26	1867 Carolina St	1	B	No	65.7	59.2	6.5	No	Yes	1	0
27	1855 Carolina St	1	B	No	64.4	58.1	6.3	No	Yes	1	0
28	1843 Carolina St	1	B	No	63.5	57.2	6.3	No	Yes	1	0
29	1819/1831 Carolina St	2	B	No	62	56	6	No	Yes	2	0
30	1930 Carolina St	1	B	Yes	71.4	63.2	8.2	Yes	Yes	1	1
31	1922 Carolina St	1	B	No	70.4	62.5	7.9	Yes	Yes	1	0
32	1918 Carolina St	1	B	No	69.7	62	7.7	Yes	Yes	1	0

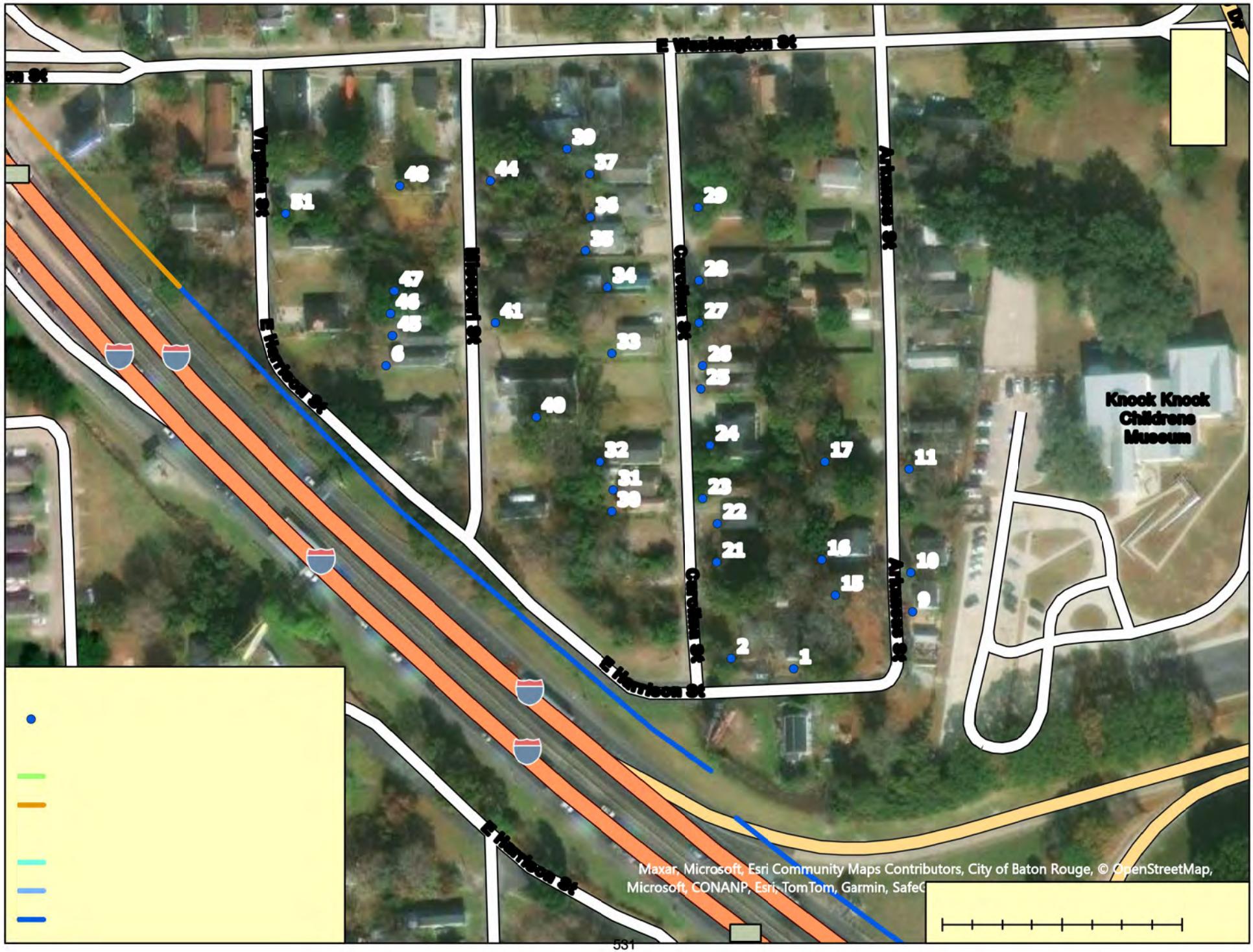
Receiver Number	Name	# of Dwelling Units	FHWA Category	1st Row? (Yes/No)	No Barrier (dBA)	With Barrier (dBA)	IL (dBA)	Impacted	Benefitted	Number of Benefitted Receptors	Number receiving 8 dBA IL
33	1860 Carolina St	1	B	No	66.7	59.8	6.9	Yes	Yes	1	0
34	1844 Carolina St	1	B	No	65.3	58.6	6.7	No	Yes	1	0
35	1840 Carolina St	1	B	No	64.8	58.2	6.6	No	Yes	1	0
36	1828 Carolina St	1	B	No	64.1	57.5	6.6	No	Yes	1	0
37	1822 Carolina St	1	B	No	63.5	57.2	6.3	No	Yes	1	0
38	1430 E Washington St - GONE	0								0	0
39	1428 E Washington St	1	B	No	63.4	57.3	6.1	No	Yes	1	0
40	Ebenezer Bapt Ch (no ext use)	1	D	Yes	44.7	36.9	7.8	No	Yes	1	0
41	1853 Missouri St	1	B	No	67.8	60.1	7.7	Yes	Yes	1	0
42	1843 Missouri St - GONE	0								0	0
43	1835 Missouri St - GONE	0								0	0
44	1815/1817 Missouri St	2	B	No	65	58.1	6.9	No	Yes	2	0
45	1860 Missouri St	1	B	No	70.8	63.7	7.1	Yes	Yes	1	0
46	1856 Missouri St	1	B	No	69.7	62.2	7.5	Yes	Yes	1	0
47	1852 Missouri St	1	B	No	69.2	62.6	6.6	Yes	Yes	1	0
48	1824 Missouri St	1	B	No	67.5	59.9	7.6	Yes	Yes	1	0
49	1326 E Washington St - GONE	0								0	0
50	1835 Virginia St - GONE	0								0	0
51	1821/1823 Virginia St	2	B	Yes	69.6	63.2	6.4	Yes	Yes	2	0
										Total	Total
										38	1

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB2_Abatement Structure (240-280)	1625	200	12	2400	$58	$139,200	$803,648
WB2_Abatement Structure (240-280)	1626	198	12	2376	$58	$137,808	
WB2_Abatement Structure (240-280)	1627	97	12	1164	$58	$67,512	
WB2_Abatement Structure (240-280)	1628	199	12	2388	$58	$138,504	
WB2_Abatement Structure (240-280)	1629	196	12	2352	$58	$136,416	
WB2_Abatement Structure (240-280)	1630	99	8	792	$58	$45,936	
WB2_Abatement Structure (240-280)	1631	99	8	792	$58	$45,936	
WB2_Abatement Structure (240-280)	1632	199	8	1592	$58	$92,336	
WB3_Abatement (250-240)	1572	43	17	731	$71	$51,901	$1,000,603
WB3_Abatement (250-240)	1573	193	17	3281	$71	$232,951	
WB3_Abatement (250-240)	1574	202	17	3434	$71	$243,814	

Barriers	Segment	Length	Height	Area	Cost	Cost per	Total Cost
WB3_Abatement (250-240)	1575	199	17	3383	$71	$240,193	
WB3_Abatement (250-240)	1576	192	17	3264	$71	$231,744	
WB3_Abatement (260-250)	1620	165	7	1155	$71	$82,005	$866,271
WB3_Abatement (260-250)	1621	195	15	2925	$71	$207,675	
WB3_Abatement (260-250)	1622	198	15	2970	$71	$210,870	
WB3_Abatement (260-250)	1623	194	17	3298	$71	$234,158	
WB3_Abatement (260-250)	1741	109	17	1853	$71	$131,563	
Abatement WB3 McCalops (3245-3240)	1865	90	0	0	$71	$0	$0
Abatement WB3 McCalops (3245-3240)	1866	99	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1867	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1868	98	0	0	$71	$0	
Abatement WB3 McCalops (3245-3240)	1869	136	0	0	$71	$0	
Abatement WB3 McCalops ramp (outer)	1853	78	0	0	$58	$0	$0
Abatement WB3 McCalops ramp (outer)	1854	99	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1855	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1856	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1857	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1858	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1859	100	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1860	101	0	0	$58	$0	
Abatement WB3 McCalops ramp (outer)	1861	112	0	0	$58	$0	
Abatemet WB3 (3258-3254)	1848	98	0	0	$71	$0	$0
Abatemet WB3 (3258-3254)	1849	98	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1850	99	0	0	$71	$0	
Abatemet WB3 (3258-3254)	1851	23	0	0	$71	$0	
							Total
							$2,670,522

# of 1st Row Impacted Receptors	7
# of 1st Row Impacted Receptors & Benefitted	7
Percent of 1st Row Impacted Receptors Benefit	100%
Feasible?	Yes
Meets 8 IL requirement?	Yes
Number of Benefited Receptors	38
Total Cost	$2,670,522
Total Cost per Benefitted Receptors	$70,276.89
Meets Cost Effectiveness Goal?	No
Potentially Reasonable?	No


Knock Knock Children's Museum
East Polk Street Park
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, Safe


E Washington St
E Harrison St
Knock Knock Children's Museum
Maxar, Microsoft, Esri Community Maps Contributors, City of Baton Rouge, © OpenStreetMap, Microsoft, CONANP, Esri-TomTom, Garmin, SafeG

Stakeholder Meeting Summary Notes

(Councilwoman Carolyn Coleman and Fred Raiford (City Parish of EBR))

H.004100 I-10 (LA 415 to Essen Lane on I- 10 and I-12), WBR and EBR Parishes

Meeting Date: *Thursday, March 20, 2025, 9:00 AM*
Location: *Dr. Leo Butler Community Center, Councilwoman Carolyn Coleman's office*

PURPOSE

Discuss the design refinements, noise wall analysis update, public outreach

ATTENDEES

☒Nick Olivier (DOTD)
☒Robert Schmidt (HUVAL)
☒Sherri LeBas (GEC)
☒Perry Franklin (Franklin)
☒James Taylor (Franklin)
☒Councilwoman Carolyn Coleman (EBR District 10)
☒Fred Raiford (City Parish of EBR)

MEETING SUMMARY NOTES

Nick opened the meeting by describing the purpose which is to communicate the design refinements, noise wall analysis update, and public outreach plan.

A large layout map of the design refinements was displayed on the meeting table. (See attached for the plan layout map)

Nick described the refinements to the design by referencing the large layout map as a visual aid.

Nick explained that in the original FONSI (Environmental Assessment with a Finding of No Significant Impact (FONSI)) noise walls were shown on both side of the corridor from the I-10/I-110 Interchange to the eastern side of the CPL Bridge. Some of these noise walls were shown to be eligible for federal funding. And those noise walls not eligible for federal funding included verbiage stating that the "State will seek an appropriation for the state funded noise walls", but with "no guarantee".

Nick explained that the results of the noise wall analysis with today's data for the design refinements are that none of the noise walls between the I-10/I-110 Interchange and the eastern side of the CPL Bridge qualify for federal funding and that the State cannot commit to funding the noise walls with State funds. Therefore, the plan layout map shown at the meeting does not show any noise walls between the I-10/I-110 Interchange to the eastern side of the CPL Bridge.

Ms. Coleman responded that noise walls were promised to the people that live within area of the I-10 widening project between the I-10/I-110 Interchange and the eastern side of the CPL Bridge.

Mr. Raiford echoed Ms. Coleman's sentiments. He commented that the DOTD is making design changes to the project and the area most impacted will be left out of having noise walls provided within their community. He pointed out that the noise wall between the eastern side of the CPL Bridge to Perkins Road still remains and shown to be funded with federal funds. This news will not be well received by the community as the DOTD had committed to providing noise walls within the corridor from the I-10/I-110 Interchange to the CPL Bridge.

Nick explained that the portion of the project from the eastern side of the CPL Bridge to the east was not included in the noise wall reanalysis since it is outside the limits for the design refinement.

Nick commented that during the public outreach that the public comments could have an impact and therefore a noise wall may be considered mitigation. Nick explained that for a noise wall to qualify for federal funding the noise wall must be reasonable and feasible.

James described the public outreach area and provided Ms. Coleman a map.

James explained that door to door canvassing was the outreach approach used for the separate project to close the current Washington Street exit. However, for this refinement the public outreach process will be to provide mailings within the defined outreach area and to provide 2 drop in meetings for residents to come and ask questions to knowledgeable staff.

Nick offered to Ms. Coleman that he would schedule a meeting with Secretary Donahue so that she could discuss the noise walls with him. Ms. Coleman agreed and restated that DOTD made a commitment to the residents within the area from the I-10/I-110 Interchange to the CPL Bridge to provide noise walls on both sides of the corridor.

Nick commented that the DOTD would hold off on moving forward with the public outreach and that he would work to schedule the meeting with Secretary Donahue as soon as possible.

Meeting adjourned