

TRAFFIC NOISE STUDY

David Hoekel Parkway

BETWEEN
GOODFELLOW ROAD
AND MEYER ROAD

CITY OF WENTZVILLE, MISSOURI
FEBRUARY 2021

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1.0 EXECUTIVE SUMMARY

David Hoekel Parkway in Wentzville, MO will be extended from Goodfellow Road north to W. Meyer Road. Initially, this will be a two-lane, two-way traffic road graded as a future divided 4-lane road. The interim two-way traffic will utilize the future northbound lanes. As a new roadway, this project qualifies as a Type I Project in accordance with 23 CFR 772, MoDOT Noise Policy EPG 127.13, and all Federal Highway Administration (FHWA) noise standards; and therefore requires a noise analysis for potential abatement measures. As such, any receptors found to be impacted by noise during this study will have been considered for noise abatement measures. However, after analyzing the traffic noise generated by the new roadway, no receivers were found to be impacted per FHWA and MoDOT policies, therefore noise abatement was not evaluated as part of this project.

2.0 PROJECT BACKGROUND

David Hoekel Parkway is a new roadway connecting I-70 and US-61 in St. Charles County. Eventually, the roadway will function as a four-lane divided arterial with controlled access. The northbound lanes will initially be constructed and used for two-way traffic until traffic volumes warrant the expansion to four lanes. The portion of the future roadway contained within this noise study is for Phase 2D, between Goodfellow Road and Meyer Road. The limits for this portion of the project extend from Sta. 82+82 to Sta. 138+00, as established per the conceptual plans provided to the City by GBA in March of 2019. The project extends through a preserved right-of-way corridor between Goodfellow Road and W. Meyer Road, as seen in Figure 2-1 below.

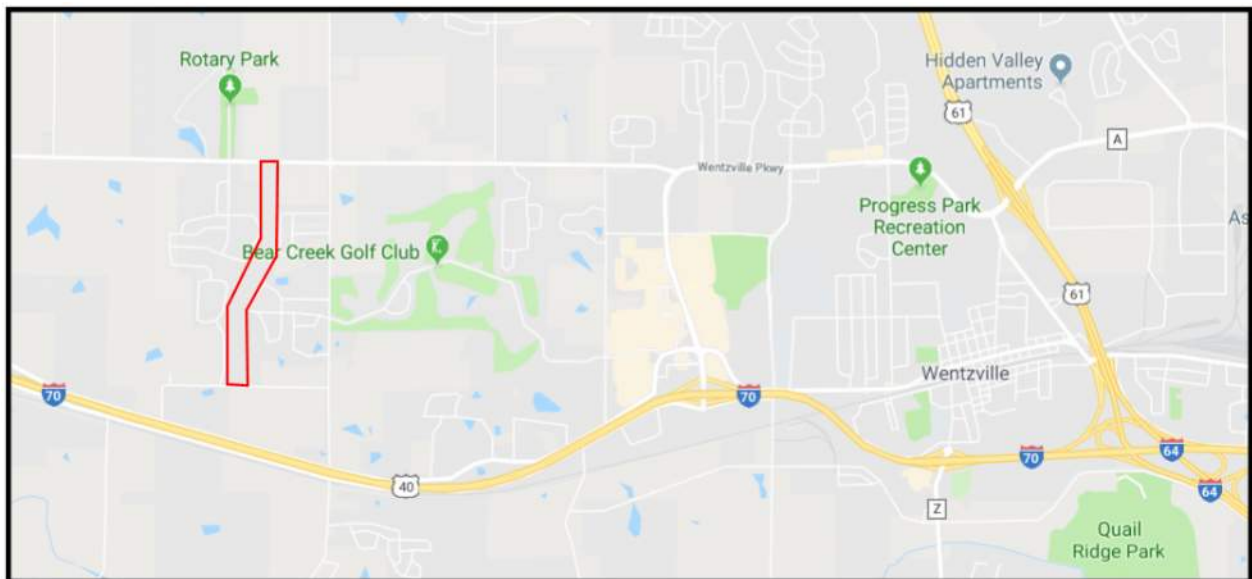


Figure 2-1 Location Map

The construction of a new roadway throughout this project qualifies it as a Type I project; therefore, a noise analysis is required.

3.0 NOISE ENVIRONMENT

To be considered for noise abatement, a receiver must be categorized under FHWA Noise Abatement Criteria (NAC) activity categories A-E, shown in Table 3-1. The only areas that qualify for noise abatement consideration along the David Hoekel Parkway corridor are residential areas (category B) and Wabash Elementary School (category C).

Table 3-1			
FHWA Noise Abatement Criteria (Hourly A-Weighted Sound Level - Decibels)			
Activity Category	Activity Criteria $L_{eq}(h)^*$	Evaluation Location	Activity Descriptions
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	67	Exterior	Residential.
C	67	Exterior	Active sports areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreational areas, Section 4(f) sites, schools, television studios, trails and trail crossings.
D	52	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	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.

*Approaching NAC is defined by MoDOT as being 1 dBA less than the NAC for Activity Categories A-E

4.0 ANALYSIS METHODOLOGY

Extech SDL600 Datalogging Sound Level Meters were used and calibrated before each noise measurement, completed on February 13th and March 20th, 2019. Readings were taken at various locations (see Figure 2) in 15-minute or greater intervals to determine existing, ambient noise levels. The field measurements were conducted on two separate days, where the hourly-equivalent noise level for each day was found at each location. The two equivalents were then averaged and used as representative existing noise levels in the computer model. The existing noise level used for each receiver in the model was determined by interpolating the results from the field-measured data. Results of the field measurements are shown in Table 4.1.

Table 4-1										
Measurement Data										
Site Number	Location	Wednesday, February 13, 2019				Wednesday, March 20, 2019				Average L_{eq} (dBA)
		Time Period	Measured Noise Levels (dBA)			Time Period	Measured Noise Levels (dBA)			
			L_{eq}	L_{max}	L_{min}		L_{eq}	L_{max}	L_{min}	
1	2472 W. Meyer Rd. (West Prop. Line)	4:38-4:53 PM	54.7	67.1	47.6	5:17-5:37 PM	55.0	73.0	44.9	54.9
2	Wabash Elementary School	4:48-5:03 PM	52.3	59.9	48.5	5:11-5:31 PM	52.0	61.5	46.6	52.1
3	Kruger Park Ct. (End of Street)	5:11-5:26 PM*	51.4	55.1	48.3	4:44-5:05 PM	52.3	62.7	47.0	51.9
4	Brookfield Blvd. (End of Circle)	5:17-5:32 PM*	53.2	58.5	48.4	4:37-4:59 PM	54.2	61.5	50.7	53.7
5	216/218 Limerick Ave.	5:41-5:56 PM	55.5	59.9	51.0	5:48-6:15 PM	57.6	62.8	53.4	56.7
6	200 Limerick Ave.	5:38-5:53 PM	59.2	63.5	55.7	5:51-6:18 PM	59.7	68.3	54.5	59.5
NOTES:										
L_{eq} = Equivalent Noise Level		L_{min} = Minimum Noise Level				L_{max} = Maximum Noise Level				
dBA = A-weighted Sound Level (in Decibels)										
* 3 Minutes of data removed due to locomotive adjacent to I-70.										

Next, using the FHWA Traffic Noise Model, TNM 2.5, software, the future roadway was modeled using the previously mentioned conceptual plans. For residences, single receptors were placed on either the front or back of the residence, whichever side is more facing the roadway. In determining the number of representative receivers for Wabash Elementary School, the total length of frontage was divided by 85 feet (the average length of frontage for the adjacent

homes.) As with residences, the receptors for the school were placed on the side of the school facing David Hoekel Parkway.

David Hoekel Parkway was modeled in both a two-lane and four-lane divided configuration. The two-lane configuration utilizes the northbound lanes of the ultimate four-lane roadway. The modeled receivers, terrain lines, barriers, building rows, and existing roadways were included while making any necessary adjustments for the future roadway. Traffic volumes were based on 2045 PM peak-hour traffic projections, and a truck percentage of 2% was assumed, all of which were classified as medium trucks in the model. See appendix for all TNM input and output data.

When traffic noise impacts are identified, noise abatement is then evaluated for feasibility and reasonableness. To be considered impacted, a receptor must have an L_{eq} at the loudest traffic noise hour approaching or exceeding the NAC for the corresponding land use category (66 dBA for the land uses found in this project area), or exceeding existing noise levels by 15 dBA.

For noise abatement to be considered feasible, MoDOT requires that a minimum of 67% of first-row, impacted receptors receive at least a 5 dBA noise reduction due to the abatement. Feasibility also refers to the engineering limitations, including the physical constraints and other constructability constraint limits such as maintenance, drainage, safety, etc.

If a noise barrier is considered feasible, it is then checked for three mandatory reasonableness factors, all of which must be met. First off, noise abatement measures cannot exceed 1300 ft² per benefited receptor. A benefited receptor is defined as a receptor that receives at least a 7 dBA reduction in noise level after the addition of noise abatement measures. Secondly, noise abatement must provide a 7 dBA reduction for a minimum of 67% of front-row benefited receptors. Finally, viewpoints of owners and residents of the benefited receptors will be acquired. Over 50 percent of the aggregate response must be in favor of abatement.

5.0 NOISE IMPACTS/ABATEMENT CONSIDERATIONS

223 receptors were evaluated for noise impacts along the corridor. Due to the relatively low traffic volumes, none were found to be impacted by NAC criteria. Also, no receptors had an increase of 15 dBA over existing noise levels. With no receptors being impacted along the corridor, no abatement measures were considered. See Table 5-1 below for individual receiver data.

(Note: Some receivers in the table have lower future noise levels than existing noise levels. This is due to the model only accounting for noise generated by David Hoekel Parkway, Goodfellow Road, and W. Meyer Road; whereas the existing levels are obtained in the field using noise level meters, and therefore record **all** ambient noise.)

Receiver	Category	Dwelling Units	Rec. Height (ft)	Existing Level (dBA)	Impact Criteria (dBA)	Future Level 2-Lane (dBA)	Future Level 4-Lane (dBA)	Increase Criteria (dBA)	2-Lane Increase (dBA)	4-Lane Increase (dBA)
201 Limerick Ave	B	1	4.92	59.5	66	50.9	52.4	15	-8.6	-7.1
203 Limerick Ave	B	1	4.92	59.1	66	51.7	52.9	15	-7.4	-6.2
205 Limerick Ave	B	1	4.92	58.8	66	51.8	52.9	15	-7.0	-5.9
207 Limerick Ave	B	1	4.92	58.4	66	51.7	52.9	15	-6.7	-5.5
209 Limerick Ave	B	1	4.92	58.1	66	51.8	53.1	15	-6.3	-5.0
211 Limerick Ave	B	1	4.92	57.7	66	51.8	52.9	15	-5.9	-4.8
213 Limerick Ave	B	1	4.92	57.4	66	51.5	52.9	15	-5.9	-4.5
215 Limerick Ave	B	1	4.92	57.0	66	51.9	53.2	15	-5.1	-3.8
217 Limerick Ave	B	1	4.92	56.7	66	52.7	53.6	15	-4.0	-3.1
219 Limerick Ave	B	1	4.92	56.3	66	53.1	54.0	15	-3.2	-2.3
221 Limerick Ave	B	1	4.92	56.0	66	53.2	54.1	15	-2.8	-1.9
223 Limerick Ave	B	1	4.92	55.6	66	54.1	55.0	15	-1.5	-0.6
225 Limerick Ave	B	1	4.92	55.3	66	54.4	55.1	15	-0.9	-0.2
222 Limerick Ave	B	1	4.92	55.6	66	61.9	63.5	15	6.3	7.9
220 Limerick Ave	B	1	4.92	56.0	66	62.3	63.9	15	6.3	7.9
218 Limerick Ave	B	1	4.92	56.3	66	60.9	62.8	15	4.6	6.5
216 Limerick Ave	B	1	4.92	56.7	66	60.7	62.6	15	4.0	5.9
214 Limerick Ave	B	1	4.92	57.0	66	61.7	63.8	15	4.7	6.8
212 Limerick Ave	B	1	4.92	57.4	66	61.6	63.2	15	4.2	5.8
210 Limerick Ave	B	1	4.92	57.7	66	61.0	63.0	15	3.3	5.3
208 Limerick Ave	B	1	4.92	58.1	66	61.2	62.8	15	3.1	4.7
206 Limerick Ave	B	1	4.92	58.4	66	60.9	62.8	15	2.5	4.4
204 Limerick Ave	B	1	4.92	58.8	66	61.5	63.3	15	2.7	4.5
202 Limerick Ave	B	1	4.92	59.1	66	60.7	61.6	15	1.6	2.5
200 Limerick Ave	B	1	4.92	59.5	66	59.7	60.3	15	0.2	0.8
101 Brookfield Blvd	B	1	4.92	62.0	66	59.8	59.9	15	-2.2	-2.1
103 Brookfield Blvd	B	1	4.92	61.2	66	56.4	56.6	15	-4.8	-4.6
105 Brookfield Blvd	B	1	4.92	60.5	66	54.2	54.6	15	-6.3	-5.9
107 Brookfield Blvd	B	1	4.92	59.9	66	52.9	53.2	15	-7.0	-6.7

Table 5-1: Receiver Data (Continued)										
Receiver	Category	Dwelling Units	Rec. Height (ft)	Existing Level (dBA)	Impact Criteria (dBA)	Future Level 2-Lane (dBA)	Future Level 4-Lane (dBA)	Increase Criteria (dBA)	2-Lane Increase (dBA)	4-Lane Increase (dBA)
11 Brookfield Ct	B	1	4.92	59.5	66	49.2	49.7	15	-10.3	-9.8
15 Brookfield Ct	B	1	4.92	59.5	66	50.3	50.4	15	-9.2	-9.1
17 Brookfield Ct	B	1	4.92	59.5	66	50.7	50.7	15	-8.8	-8.8
19 Brookfield Ct	B	1	4.92	59.5	66	51.1	51.1	15	-8.4	-8.4
21 Brookfield Ct	B	1	4.92	59.5	66	52.1	52.0	15	-7.4	-7.5
23 Brookfield Ct	B	1	4.92	59.5	66	54.5	54.6	15	-5.0	-4.9
25 Brookfield Ct	B	1	4.92	59.5	66	58.7	58.0	15	-0.8	-1.5
27 Brookfield Ct	B	1	4.92	58.8	66	61.0	60.3	15	2.2	1.5
29 Brookfield Ct	B	1	4.92	58.4	66	63.2	62.3	15	4.8	3.9
31 Brookfield Ct	B	1	4.92	58.2	66	61.3	60.5	15	3.1	2.3
33 Brookfield Ct	B	1	4.92	58.1	66	64.0	62.8	15	5.9	4.7
35 Brookfield Ct	B	1	4.92	57.4	66	62.0	61.7	15	4.6	4.3
37 Landon Way	B	1	4.92	56.0	66	65.4	64.5	15	9.4	8.5
35 Landon Way	B	1	4.92	55.6	66	65.1	64.3	15	9.5	8.7
33 Landon Way	B	1	4.92	55.3	66	64.6	63.9	15	9.3	8.6
31 Landon Way	B	1	4.92	54.9	66	64.7	64.0	15	9.8	9.1
29 Landon Way	B	1	4.92	54.6	66	64.0	63.4	15	9.4	8.8
27 Landon Way	B	1	4.92	54.2	66	64.4	63.8	15	10.2	9.6
157 Brookfield Blvd	B	1	4.92	54.0	66	64.9	64.1	15	10.9	10.1
25 Landon Way	B	1	4.92	54.0	66	62.0	61.5	15	8.0	7.5
23 Landon Way	B	1	4.92	53.7	66	58.8	58.5	15	5.1	4.8
21 Landon Way	B	1	4.92	53.7	66	56.8	56.9	15	3.1	3.2
145 Brookfield Blvd	B	1	4.92	54.0	66	49.1	49.7	15	-4.9	-4.3
22 Landon Way	B	1	4.92	54.2	66	50.8	51.1	15	-3.4	-3.1
24 Landon Way	B	1	4.92	54.6	66	50.9	51.4	15	-3.7	-3.2
26 Landon Way	B	1	4.92	54.9	66	51.2	51.6	15	-3.7	-3.3
28 Landon Way	B	1	4.92	55.3	66	51.6	52.0	15	-3.7	-3.3
30 Landon Way	B	1	4.92	55.6	66	52.1	52.4	15	-3.5	-3.2
32 Landon Way	B	1	4.92	56.0	66	52.3	52.7	15	-3.7	-3.3
34 Landon Way	B	1	4.92	56.3	66	52.5	53.0	15	-3.8	-3.3
26 Brookfield Ct	B	1	4.92	58.1	66	52.8	53.1	15	-5.3	-5.0
24 Brookfield Ct	B	1	4.92	58.2	66	52.1	52.4	15	-6.1	-5.8
22 Brookfield Ct	B	1	4.92	58.4	66	52.4	52.7	15	-6.0	-5.7
20 Brookfield Ct	B	1	4.92	58.8	66	52.4	52.8	15	-6.4	-6.0
12 Brookfield Ct	B	1	4.92	58.8	66	50.8	51.3	15	-8.0	-7.5
10 Brookfield Ct	B	1	4.92	58.8	66	50.1	50.6	15	-8.7	-8.2
115 Brookfield Blvd	B	1	4.92	58.2	66	48.1	48.7	15	-10.1	-9.5
117 Brookfield Blvd	B	1	4.92	58.1	66	48.5	49.1	15	-9.6	-9.0
119 Brookfield Blvd	B	1	4.92	57.4	66	49.7	50.3	15	-7.7	-7.1
121 Brookfield Blvd	B	1	4.92	57.2	66	50.3	50.6	15	-6.9	-6.6
123 Brookfield Blvd	B	1	4.92	57.0	66	51.6	52.0	15	-5.4	-5.0
125 Brookfield Blvd	B	1	4.92	56.7	66	52.4	52.6	15	-4.3	-4.1
127 Brookfield Blvd	B	1	4.92	56.4	66	52.1	52.3	15	-4.3	-4.1
129 Brookfield Blvd	B	1	4.92	56.2	66	51.1	51.5	15	-5.1	-4.7
131 Brookfield Blvd	B	1	4.92	56.0	66	50.8	51.2	15	-5.2	-4.8
133 Brookfield Blvd	B	1	4.92	55.8	66	50.2	50.7	15	-5.6	-5.1
135 Brookfield Blvd	B	1	4.92	55.6	66	50.0	50.4	15	-5.6	-5.2
137 Brookfield Blvd	B	1	4.92	54.3	66	49.4	49.8	15	-4.9	-4.5
139 Brookfield Blvd	B	1	4.92	54.9	66	49.5	50.0	15	-5.4	-4.9
141 Brookfield Blvd	B	1	4.92	54.6	66	49.4	50.0	15	-5.2	-4.6
143 Brookfield Blvd	B	1	4.92	54.2	66	48.9	49.5	15	-5.3	-4.7
144 Brookfield Blvd	B	1	4.92	54.0	66	48.0	48.7	15	-6.0	-5.3
146 Brookfield Blvd	B	1	4.92	53.9	66	48.2	49.0	15	-5.7	-4.9
148 Brookfield Blvd	B	1	4.92	53.8	66	48.7	49.3	15	-5.1	-4.5
150 Brookfield Blvd	B	1	4.92	53.7	66	49.5	50.1	15	-4.2	-3.6
152 Brookfield Blvd	B	1	4.92	53.7	66	51.3	51.7	15	-2.4	-2.0
154 Brookfield Blvd	B	1	4.92	53.7	66	54.5	54.6	15	0.8	0.9
156 Brookfield Blvd	B	1	4.92	53.7	66	56.4	56.8	15	2.7	3.1
158 Brookfield Blvd	B	1	4.92	53.7	66	58.9	59.2	15	5.2	5.5
160 Brookfield Blvd	B	1	4.92	53.7	66	65.5	65.1	15	11.8	11.4

Table 5-1: Receiver Data (Continued)										
Receiver	Category	Dwelling Units	Rec. Height (ft)	Existing Level (dBA)	Impact Criteria (dBA)	Future Level 2-Lane (dBA)	Future Level 4-Lane (dBA)	Increase Criteria (dBA)	2-Lane Increase (dBA)	4-Lane Increase (dBA)
229 Sonnet Cir	B	1	4.92	53.7	66	49.7	50.3	15	-4.0	-3.4
230 Sonnet Cir	B	1	4.92	53.7	66	50.7	51.5	15	-3.0	-2.2
310 Sonnet Cir	B	1	4.92	53.6	66	52.5	52.7	15	-1.1	-0.9
308 Sonnet Cir	B	1	4.92	53.5	66	53.5	54.2	15	0.0	0.7
306 Sonnet Cir	B	1	4.92	53.4	66	54.3	55.0	15	0.9	1.6
304 Sonnet Cir	B	1	4.92	53.3	66	54.0	55.2	15	0.7	1.9
302 Sonnet Cir	B	1	4.92	53.2	66	53.0	54.0	15	-0.2	0.8
300 Sonnet Cir	B	1	4.92	53.1	66	52.3	53.2	15	-0.8	0.1
23 Amesbury Ct	B	1	4.92	53.0	66	49.4	50.4	15	-3.6	-2.6
21 Amesbury Ct	B	1	4.92	53.0	66	50.4	51.7	15	-2.6	-1.3
299 Sonnet Cir	B	1	4.92	53.1	66	61.5	64.2	15	8.4	11.1
297 Sonnet Cir	B	1	4.92	53.0	66	60.7	63.6	15	7.7	10.6
295 Sonnet Cir	B	1	4.92	52.9	66	61.9	65.0	15	9.0	12.1
293 Sonnet Cir	B	1	4.92	52.8	66	61.3	64.3	15	8.5	11.5
291 Sonnet Cir	B	1	4.92	52.8	66	61.6	64.6	15	8.8	11.8
22 Amesbury Ct	B	1	4.92	52.8	66	49.6	50.5	15	-3.2	-2.3
290 Sonnet Cir	B	1	4.92	52.8	66	50.1	51.1	15	-2.7	-1.7
286 Sonnet Cir	B	1	4.92	52.7	66	49.5	50.6	15	-3.2	-2.1
284 Sonnet Cir	B	1	4.92	52.6	66	48.7	49.6	15	-3.9	-3.0
289 Sonnet Cir	B	1	4.92	52.7	66	60.5	62.7	15	7.8	10.0
287 Sonnet Cir	B	1	4.92	52.5	66	56.7	57.9	15	4.2	5.4
285 Sonnet Cir	B	1	4.92	52.4	66	54.3	55.1	15	1.9	2.7
283 Sonnet Cir	B	1	4.92	52.3	66	49.7	50.6	15	-2.6	-1.7
281 Sonnet Cir	B	1	4.92	52.3	66	47.3	48.2	15	-5.0	-4.1
211 Victoria Park	B	1	4.92	51.9	66	57.2	58.3	15	5.3	6.4
213 Victoria Park	B	1	4.92	51.9	66	52.9	53.7	15	1.0	1.8
215 Victoria Park	B	1	4.92	51.9	66	50.0	51.3	15	-1.9	-0.6
217 Victoria Park	B	1	4.92	51.9	66	48.0	49.6	15	-3.9	-2.3
219 Victoria Park	B	1	4.92	51.9	66	46.1	47.7	15	-5.8	-4.2
216 Victoria Park	B	1	4.92	51.9	66	46.9	47.7	15	-5.0	-4.2
214 Victoria Park	B	1	4.92	51.9	66	47.9	49.2	15	-4.0	-2.7
212 Victoria Park	B	1	4.92	51.9	66	49.1	50.3	15	-2.8	-1.6
204 Victoria Park	B	1	4.92	51.9	66	50.6	51.8	15	-1.3	-0.1
202 Victoria Park	B	1	4.92	51.9	66	51.3	52.3	15	-0.6	0.4
200 Victoria Park	B	1	4.92	51.9	66	51.8	52.8	15	-0.1	0.9
160 Central Park	B	1	4.92	51.9	66	52.5	53.4	15	0.6	1.5
406 Tulleries	B	1	4.92	51.9	66	49.1	49.7	15	-2.8	-2.2
408 Tulleries	B	1	4.92	51.9	66	49.4	50.2	15	-2.5	-1.7
410 Tulleries	B	1	4.92	51.9	66	50.0	50.6	15	-1.9	-1.3
412 Tulleries	B	1	4.92	51.9	66	50.0	50.8	15	-1.9	-1.1
414 Tulleries	B	1	4.92	51.9	66	48.8	49.7	15	-3.1	-2.2
544 Forest Park	B	1	4.92	51.9	66	49.8	50.8	15	-2.1	-1.1
547 Forest Park	B	1	4.92	51.9	66	49.5	50.6	15	-2.4	-1.3
156 Central Park	B	1	4.92	51.9	66	52.5	54.1	15	0.6	2.2
154 Central Park	B	1	4.92	51.9	66	52.0	53.6	15	0.1	1.7
152 Central Park	B	1	4.92	51.9	66	51.3	53.2	15	-0.6	1.3
150 Central Park	B	1	4.92	52.0	66	51.0	52.8	15	-1.0	0.8
148 Central Park	B	1	4.92	52.0	66	49.7	51.6	15	-2.3	-0.4
146 Central Park	B	1	4.92	52.0	66	49.4	50.4	15	-2.6	-1.6
144 Central Park	B	1	4.92	52.0	66	48.1	49.5	15	-3.9	-2.5
142 Central Park	B	1	4.92	52.0	66	46.8	48.2	15	-5.2	-3.8
6 Olympic Park	B	1	4.92	52.0	66	58.3	59.8	15	6.3	7.8
4 Olympic Park	B	1	4.92	52.0	66	57.8	59.7	15	5.8	7.7
2 Olympic Park	B	1	4.92	52.0	66	54.1	55.6	15	2.1	3.6
149 Central Park	B	1	4.92	52.0	66	57.0	58.8	15	5.0	6.8
151 Central Park	B	1	4.92	52.0	66	59.8	61.9	15	7.8	9.9
153 Central Park	B	1	4.92	52.0	66	59.3	61.4	15	7.3	9.4
201 Victoria Park	B	1	4.92	51.9	66	60.3	63.5	15	8.4	11.6
203 Victoria Park	B	1	4.92	51.9	66	61.2	64.6	15	9.3	12.7
205 Victoria Park	B	1	4.92	51.9	66	60.3	63.3	15	8.4	11.4
207 Victoria Park	B	1	4.92	51.9	66	60.2	63.0	15	8.3	11.1
209 Victoria Park	B	1	4.92	51.9	66	61.8	64.5	15	9.9	12.6

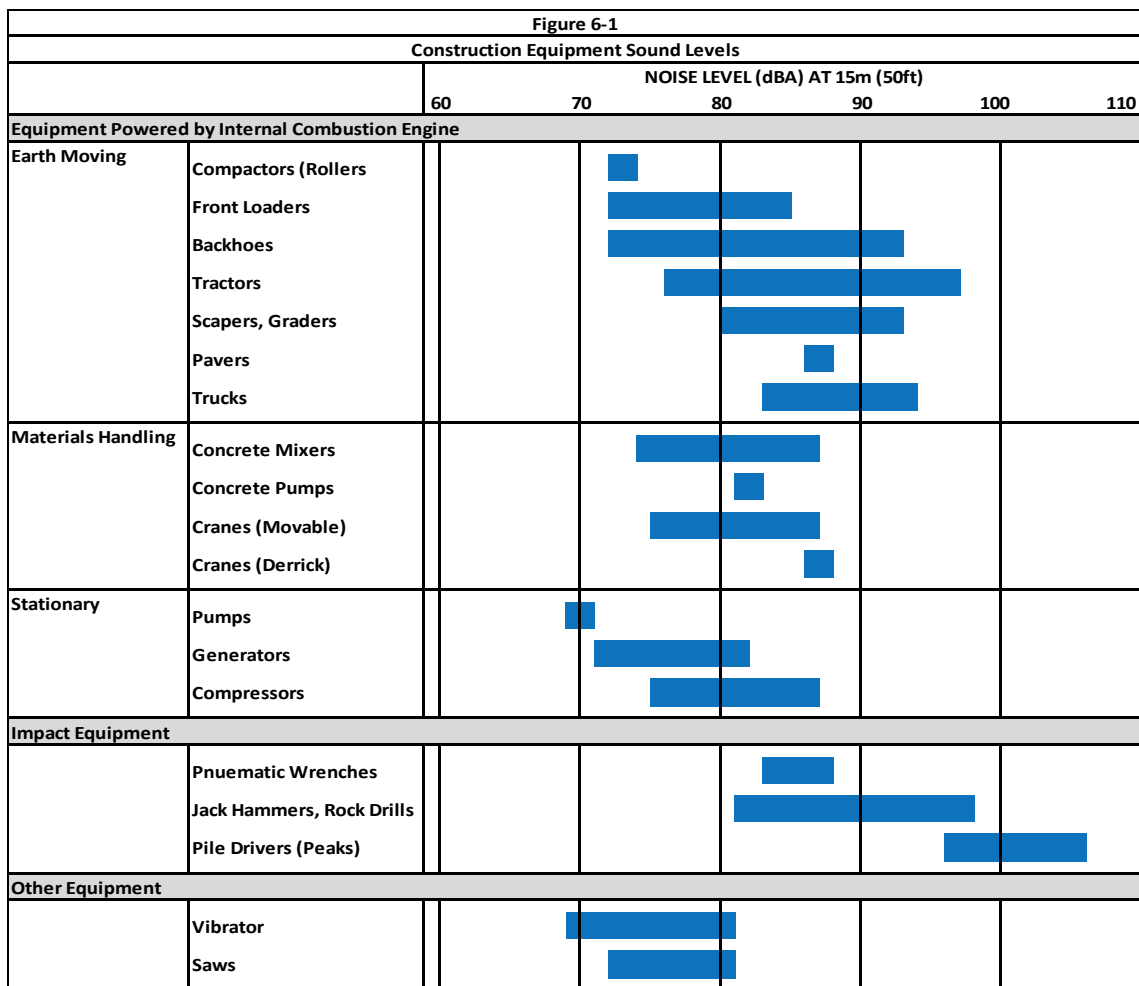
Table 5-1: Receiver Data (Continued)										
Receiver	Category	Dwelling Units	Rec. Height (ft)	Existing Level (dBA)	Impact Criteria (dBA)	Future Level 2-Lane (dBA)	Future Level 4-Lane (dBA)	Increase Criteria (dBA)	2-Lane Increase (dBA)	4-Lane Increase (dBA)
223 Charging Bear	B	1	4.92	52.1	66	52.9	53.5	15	0.8	1.4
221 Charging Bear	B	1	4.92	52.2	66	53.3	53.7	15	1.1	1.5
219 Charging Bear	B	1	4.92	52.3	66	53.5	53.8	15	1.2	1.5
217 Charging Bear	B	1	4.92	52.4	66	53.9	54.3	15	1.5	1.9
215 Charging Bear	B	1	4.92	52.5	66	53.8	54.2	15	1.3	1.7
211 Charging Bear	B	1	4.92	52.6	66	53.8	54.1	15	1.2	1.5
209 Charging Bear	B	1	4.92	52.7	66	53.6	54.0	15	0.9	1.3
207 Charging Bear	B	1	4.92	52.8	66	53.5	53.9	15	0.7	1.1
205 Charging Bear	B	1	4.92	52.9	66	54.7	55.2	15	1.8	2.3
203 Charging Bear	B	1	4.92	53.0	66	55.0	56.0	15	2.0	3.0
201 Charging Bear	B	1	4.92	53.1	66	54.0	54.9	15	0.9	1.8
2521 Bear Creek	B	1	4.92	53.1	66	56.3	57.4	15	3.2	4.3
2522 Bear Creek	B	1	4.92	53.3	66	57.4	58.4	15	4.1	5.1
2520 Bear Creek	B	1	4.92	53.4	66	52.5	53.0	15	-0.9	-0.4
2518 Bear Creek	B	1	4.92	53.5	66	49.7	50.4	15	-3.8	-3.1
2516 Bear Creek	B	1	4.92	53.6	66	47.6	48.5	15	-6.0	-5.1
2514 Bear Creek	B	1	4.92	53.7	66	46.6	47.7	15	-7.1	-6.0
178 Shadow Glen	B	1	4.92	51.9	66	44.3	44.6	15	-7.6	-7.3
180 Shadow Glen	B	1	4.92	51.9	66	44.6	44.9	15	-7.3	-7.0
182 Shadow Glen	B	1	4.92	51.9	66	44.3	44.7	15	-7.6	-7.2
184 Shadow Glen	B	1	4.92	51.9	66	44.6	45.0	15	-7.3	-6.9
200 Shadow Glen	B	1	4.92	51.9	66	44.9	45.3	15	-7.0	-6.6
202 Shadow Glen	B	1	4.92	52.0	66	45.5	46.0	15	-6.5	-6.0
204 Shadow Glen	B	1	4.92	52.0	66	45.7	46.4	15	-6.3	-5.6
206 Shadow Glen	B	1	4.92	52.0	66	47.0	47.7	15	-5.0	-4.3
208 Shadow Glen	B	1	4.92	52.0	66	48.0	48.6	15	-4.0	-3.4
210 Shadow Glen	B	1	4.92	52.0	66	49.6	50.2	15	-2.4	-1.8
138 Shadow Pointe	B	1	4.92	52.0	66	51.6	52.1	15	-0.4	0.1
140 Shadow Pointe	B	1	4.92	52.0	66	51.4	51.9	15	-0.6	-0.1
142 Shadow Pointe	B	1	4.92	52.0	66	50.9	51.5	15	-1.1	-0.5
144 Shadow Pointe	B	1	4.92	52.0	66	50.9	51.7	15	-1.1	-0.3
146 Shadow Pointe	B	1	4.92	51.9	66	51.1	51.8	15	-0.8	-0.1
148 Shadow Pointe	B	1	4.92	51.9	66	51.6	52.3	15	-0.3	0.4
150 Shadow Pointe	B	1	4.92	51.9	66	50.5	51.2	15	-1.4	-0.7
152 Shadow Pointe	B	1	4.92	51.9	66	50.5	51.2	15	-1.4	-0.7
154 Shadow Pointe	B	1	4.92	51.9	66	51.2	51.9	15	-0.7	0.0
156 Shadow Pointe	B	1	4.92	51.9	66	50.0	50.7	15	-1.9	-1.2
158 Shadow Pointe	B	1	4.92	51.9	66	48.9	49.6	15	-3.0	-2.3
165 Shadow Pointe	B	1	4.92	51.9	66	48.6	48.7	15	-3.3	-3.2
163 Shadow Pointe	B	1	4.92	51.9	66	51.7	52.5	15	-0.2	0.6
161 Shadow Pointe	B	1	4.92	51.9	66	51.4	51.8	15	-0.5	-0.1
159 Shadow Pointe	B	1	4.92	51.9	66	54.0	54.5	15	2.1	2.6
157 Shadow Pointe	B	1	4.92	51.9	66	55.1	55.3	15	3.2	3.4
155 Shadow Pointe	B	1	4.92	51.9	66	57.0	56.9	15	5.1	5.0
153 Shadow Pointe	B	1	4.92	51.9	66	58.6	58.4	15	6.7	6.5
151 Shadow Pointe	B	1	4.92	51.9	66	59.3	59.1	15	7.4	7.2
149 Shadow Pointe	B	1	4.92	51.9	66	60.4	60.1	15	8.5	8.2
147 Shadow Pointe	B	1	4.92	52.0	66	62.2	61.8	15	10.2	9.8
145 Shadow Pointe	B	1	4.92	52.0	66	63.7	62.9	15	11.7	10.9
143 Shadow Pointe	B	1	4.92	52.0	66	63.8	63.2	15	11.8	11.2
141 Shadow Pointe	B	1	4.92	52.0	66	63.2	62.9	15	11.2	10.9
137 Shadow Pointe	B	1	4.92	52.0	66	63.0	62.7	15	11.0	10.7
135 Shadow Pointe	B	1	4.92	52.0	66	63.3	62.5	15	11.3	10.5
133 Shadow Pointe	B	1	4.92	52.0	66	62.0	61.5	15	10.0	9.5
131 Shadow Pointe	B	1	4.92	52.0	66	54.3	54.6	15	2.3	2.6
129 Shadow Pointe	B	1	4.92	52.0	66	49.3	49.7	15	-2.7	-2.3
127 Shadow Pointe	B	1	4.92	52.0	66	47.9	48.5	15	-4.1	-3.5
125 Shadow Pointe	B	1	4.92	52.0	66	46.9	48.3	15	-5.1	-3.7
627 N. Point Prairie Rd.	B	1	4.92	52.1	66	54.3	54.8	15	2.2	2.7
2466 W. Meyer Road	B	1	4.92	54.9	66	51.3	51.9	15	-3.6	-3.0
2472 W. Meyer Road	B	1	4.92	54.9	66	62.5	62.6	15	7.6	7.7

Table 5-1: Receiver Data (Continued)											
Receiver		Category	Dwelling Units	Rec. Height (ft)	Existing Level (dBA)	Impact Criteria (dBA)	Future Level 2-Lane (dBA)	Future Level 4-Lane (dBA)	Increase Criteria (dBA)	2-Lane Increase (dBA)	4-Lane Increase (dBA)
School 1		C	1	4.92	52.2	66	51.3	51.5	15	-0.9	-0.7
School 2		C	1	4.92	52.1	66	50.3	50.5	15	-1.8	-1.6
School 3		C	1	4.92	52.1	66	49.8	50.2	15	-2.3	-1.9
School 4		C	1	4.92	52.1	66	48.8	49.2	15	-3.3	-2.9
School 5		C	1	4.92	52.1	66	48.2	49.0	15	-3.9	-3.1
School 6		C	1	4.92	52.0	66	50.8	52.3	15	-1.2	0.3
School 7		C	1	4.92	52.0	66	50.4	51.6	15	-1.6	-0.4
School 8		C	1	4.92	52.0	66	49.2	50.2	15	-2.8	-1.8
5 Olympic Park		B	1	4.92	52.0	66	52.3	53.6	15	0.3	1.6
145 Central Park		B	1	4.92	52.0	66	46.6	48.3	15	-5.4	-3.7
143 Central Park		B	1	4.92	52.0	66	44.6	46.3	15	-7.4	-5.7

According to the model created in TNM, the location of the 66 dBA noise level contour was determined to be approximately 35' from the edge of pavement in the 4-lane configuration. Likewise, due to the low traffic volumes and low truck percentage, the noise level contour of 71 dBA was found to be only 3' from the edge of pavement in the same scenario.

6.0 CONSTRUCTION NOISE

As is required by 23 CFR 772.19, the temporary increase in noise levels due to construction was considered. These noise impacts will take place in the immediate vicinity of the construction activities and generally be limited to working hours. The figure below shows some typical operating noise levels at a distance of 50 feet. MoDOT construction specifications require all construction equipment to be in good working order. Mufflers are required to help reduce and address construction noise impacts. Interference with speech communication for those passing by, working, or living near the construction sites is to be expected. Overall, however, because of the distance of the construction areas to the noise sensitive areas and the hours of equipment use, noise impacts due to construction are expected to be minor, to occur infrequently, and to be considered a temporary condition.



*SOURCE: U.S. Report to the President and Congress on Noise, February, 1972

7.0 CONCLUSIONS

As a new roadway, this project qualifies as a Type I Project in accordance with 23 CFR 772, MoDOT Noise Policy EPG 127.13, and all Federal Highway Administration (FHWA) noise standards; and therefore requires a noise analysis for potential abatement measures. After analyzing the traffic noise generated by the new roadway, no receivers were found to be impacted per FHWA and MoDOT policies, therefore eliminating the need for any future noise abatement consideration.

APPENDIX

- Field Measurement Summary
- Field Measurement Graphs
- Field Measurement Notes
- TNM Representation (Plan View)
- Sound Level Results (TNM Tables)
- Input – Roadway Coordinates (TNM Tables)
- Input – Traffic Volumes (TNM Tables)
- Input – Receivers (TNM Tables)
- Input – Building Rows (TNM Tables)
- Input – Terrain Lines (TNM Tables)

Field Measurement Summary

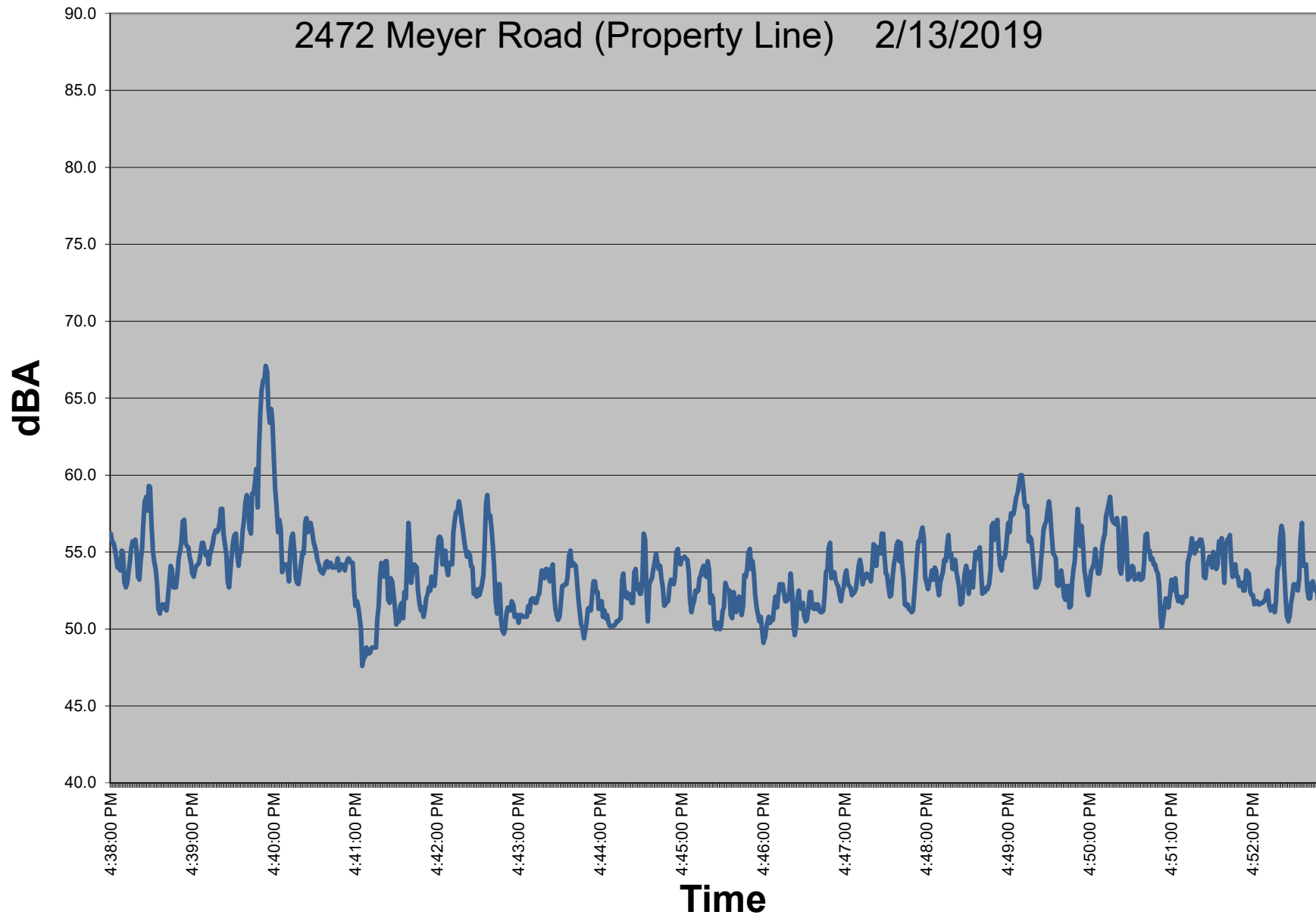
David Hoekel Pkwy, Wentzville, MO - Noise Study

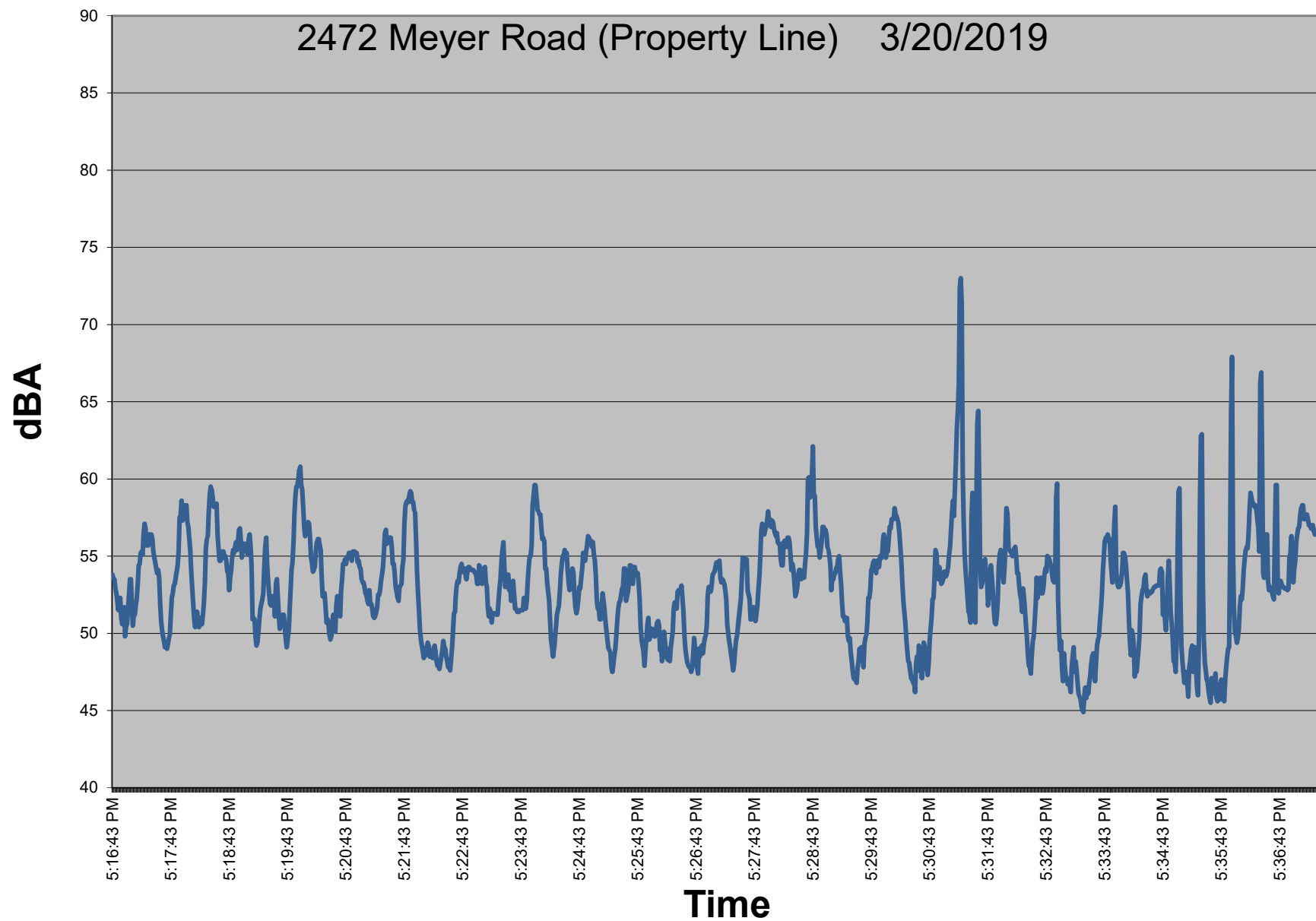
2472 Meyer Rd. Property Line			Wabash Elementary School		
2/13/2019	Sound Level Meter 64 (a)		2/13/2019	Sound Level Meter 63 (a)	
Maximum Value =	67.1	dBA	Maximum Value =	59.9	dBA
Minimum Value =	47.6	dBA	Minimum Value =	48.5	dBA
Median Value =	53.5	dBA	Median Value =	51.6	dBA
L10 =	56.6	dBA	L10 =	53.9	dBA
Average Value (L _{eq})=	54.7	dBA	Average Value (L _{eq})=	52.3	dBA
3/20/2019	Sound Level Meter 64 (e)		3/20/2019	Sound Level Meter 63 (e)	
Maximum Value =	73.0	dBA	Maximum Value =	61.5	dBA
Minimum Value =	44.9	dBA	Minimum Value =	46.6	dBA
Median Value =	53.1	dBA	Median Value =	51.1	dBA
L10 =	57.1	dBA	L10 =	54.1	dBA
Average Value (L _{eq})=	55.0	dBA	Average Value (L _{eq})=	52.0	dBA
Two-Day Ave. (L_{eq}) =			54.9	dBA	
			Two-Day Ave. (L_{eq}) =	52.1	dBA

Kruger Park Ct.			Brookfield Blvd. (Circle)		
2/13/2019	Sound Level Meter 64 (b)		2/13/2019	Sound Level Meter 63 (b)	
Maximum Value =	55.1	dBA	Maximum Value =	58.5	dBA
Minimum Value =	48.3	dBA	Minimum Value =	48.4	dBA
Median Value =	51.1	dBA	Median Value =	52.8	dBA
L10 =	52.8	dBA	L10 =	54.8	dBA
Average Value (L _{eq})=	51.4	dBA	Average Value (L _{eq})=	53.2	dBA
3/20/2019	Sound Level Meter 63 (d)		3/20/2019	Sound Level Meter 64 (d)	
Maximum Value =	62.7	dBA	Maximum Value =	61.5	dBA
Minimum Value =	47.0	dBA	Minimum Value =	50.7	dBA
Median Value =	51.2	dBA	Median Value =	53.8	dBA
L10 =	54.4	dBA	L10 =	55.6	dBA
Average Value (L _{eq})=	52.3	dBA	Average Value (L _{eq})=	54.2	dBA
Two-Day Ave. (L_{eq}) =			51.9	dBA	
			Two-Day Ave. (L_{eq}) =	53.7	dBA

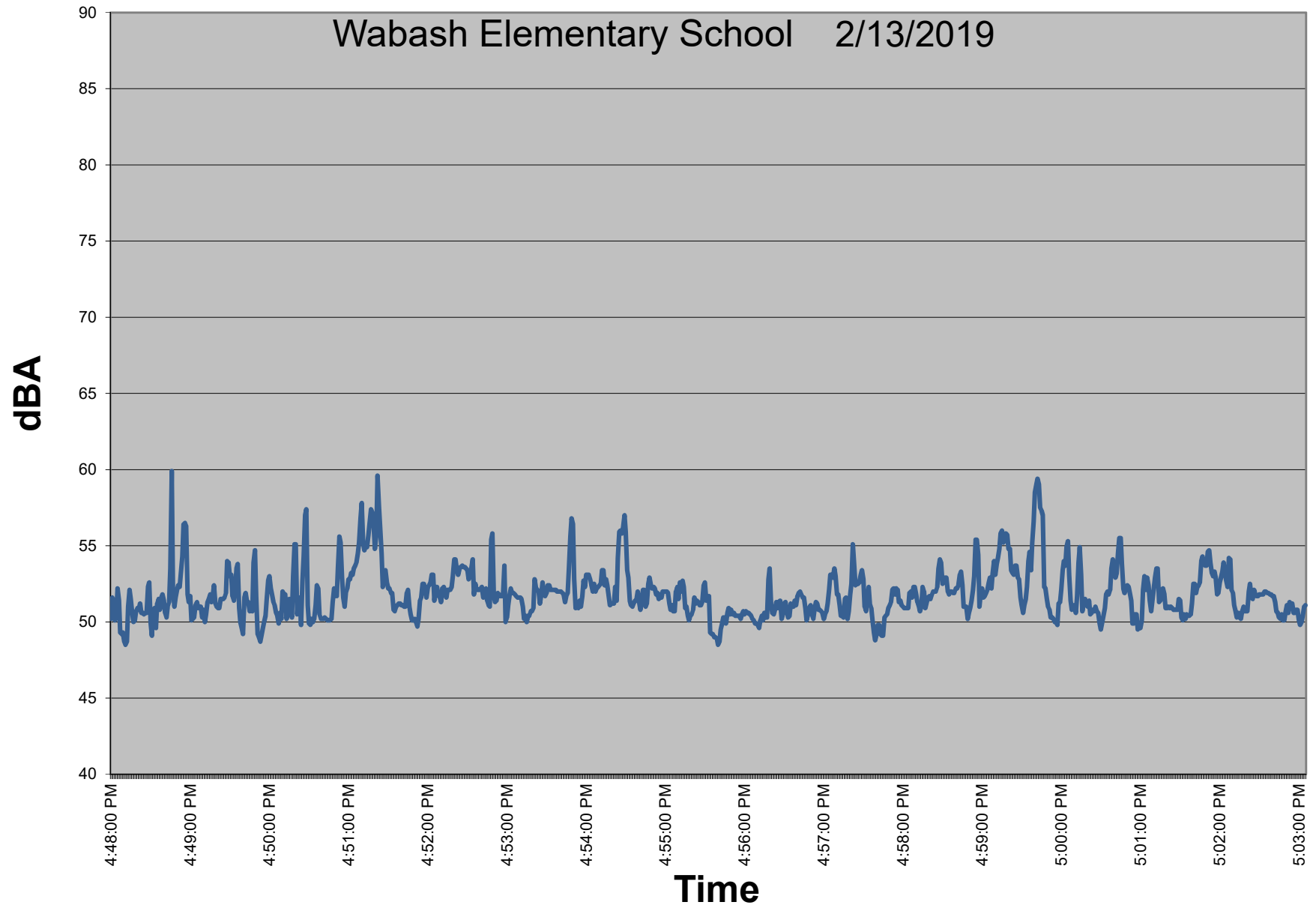
216/218 Limerick Ave.			200 Limerick Ave.		
2/13/2019	Sound Level Meter 63 (c)		2/13/2019	Sound Level Meter 64 (c)	
Maximum Value =	59.9	dBA	Maximum Value =	63.5	dBA
Minimum Value =	51.0	dBA	Minimum Value =	55.7	dBA
Median Value =	55.3	dBA	Median Value =	59.0	dBA
L10 =	56.9	dBA	L10 =	60.6	dBA
Average Value (L _{eq})=	55.5	dBA	Average Value (L _{eq})=	59.2	dBA
3/20/2019	Sound Level Meter 64 (f)		3/20/2019	Sound Level Meter 63 (f)	
Maximum Value =	62.8	dBA	Maximum Value =	68.3	dBA
Minimum Value =	53.4	dBA	Minimum Value =	54.5	dBA
Median Value =	57.4	dBA	Median Value =	59.0	dBA
L10 =	59.2	dBA	L10 =	61.5	dBA
Average Value (L _{eq})=	57.6	dBA	Average Value (L _{eq})=	59.7	dBA
Two-Day Ave. (L_{eq}) =			56.7	dBA	
			Two-Day Ave. (L_{eq}) =	59.5	dBA

2472 Meyer Road (Property Line) 2/13/2019

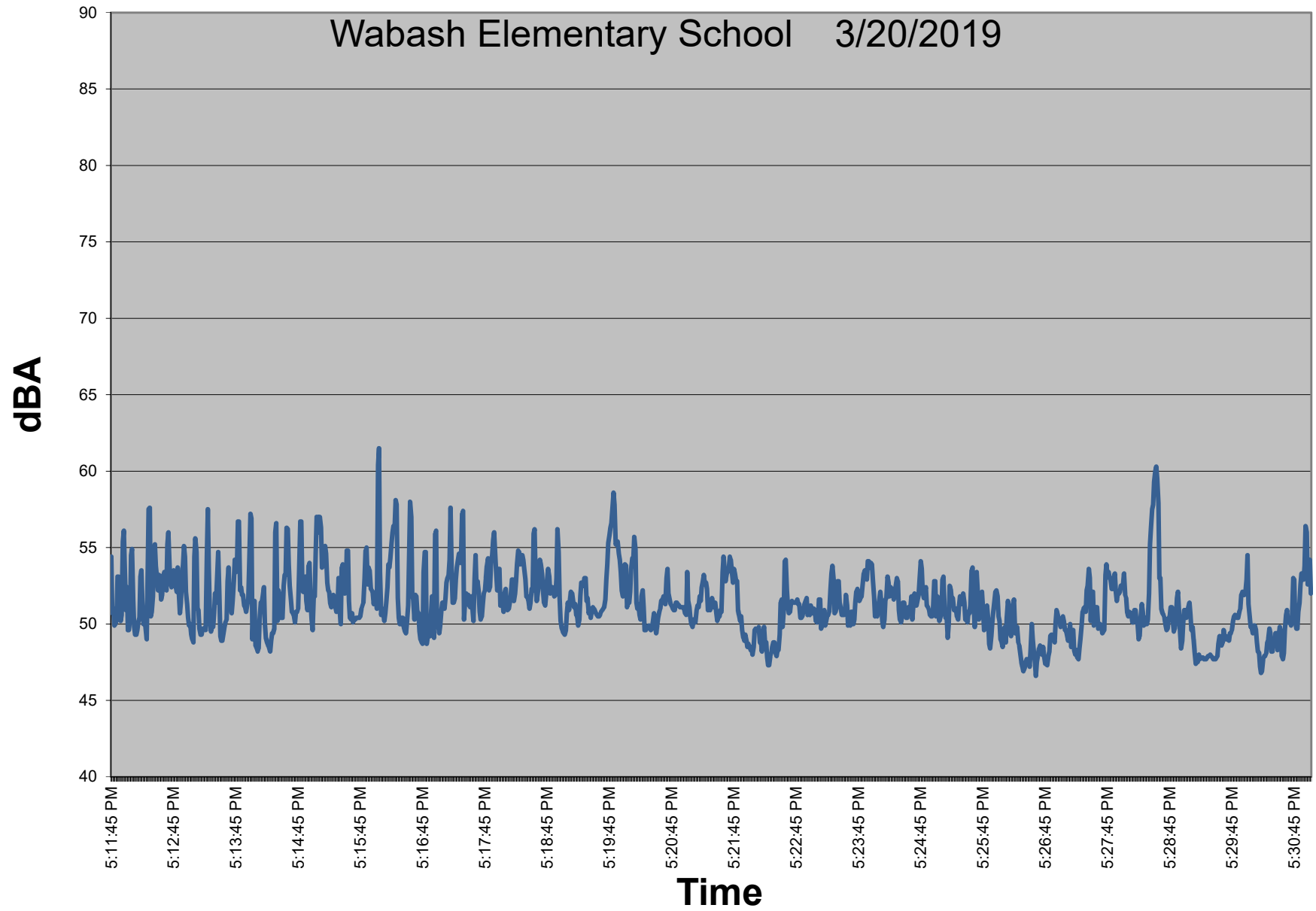


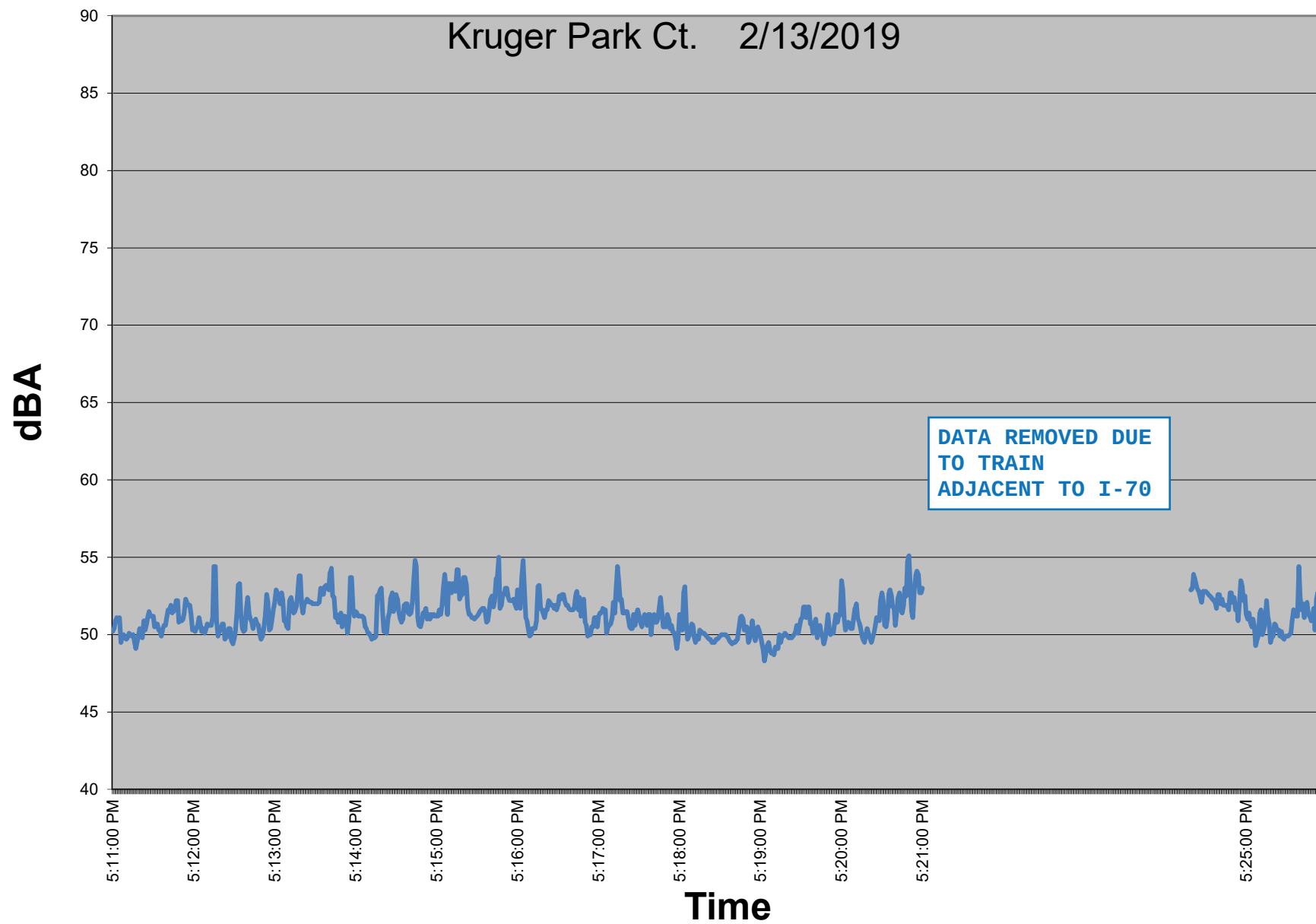


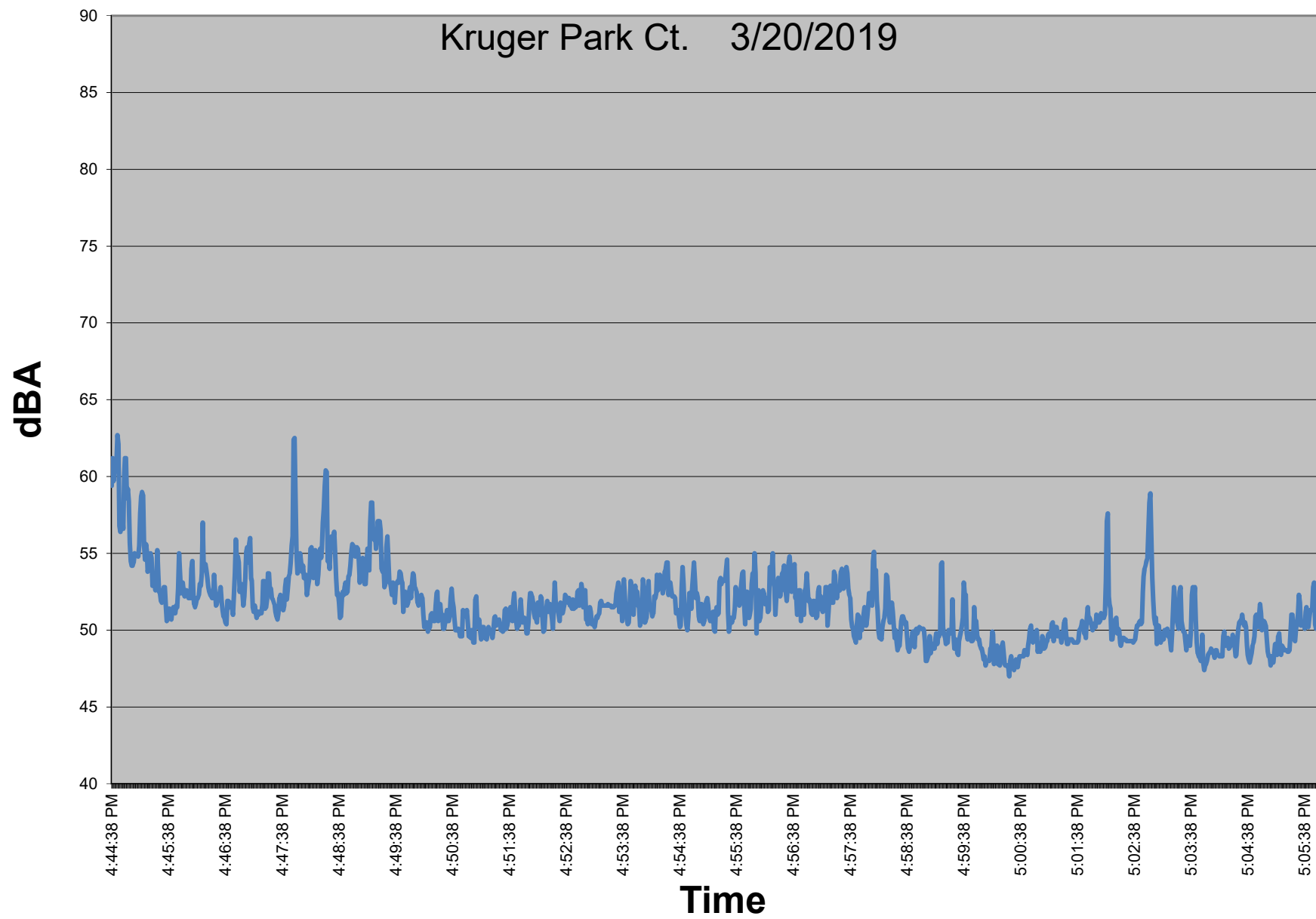
Wabash Elementary School 2/13/2019

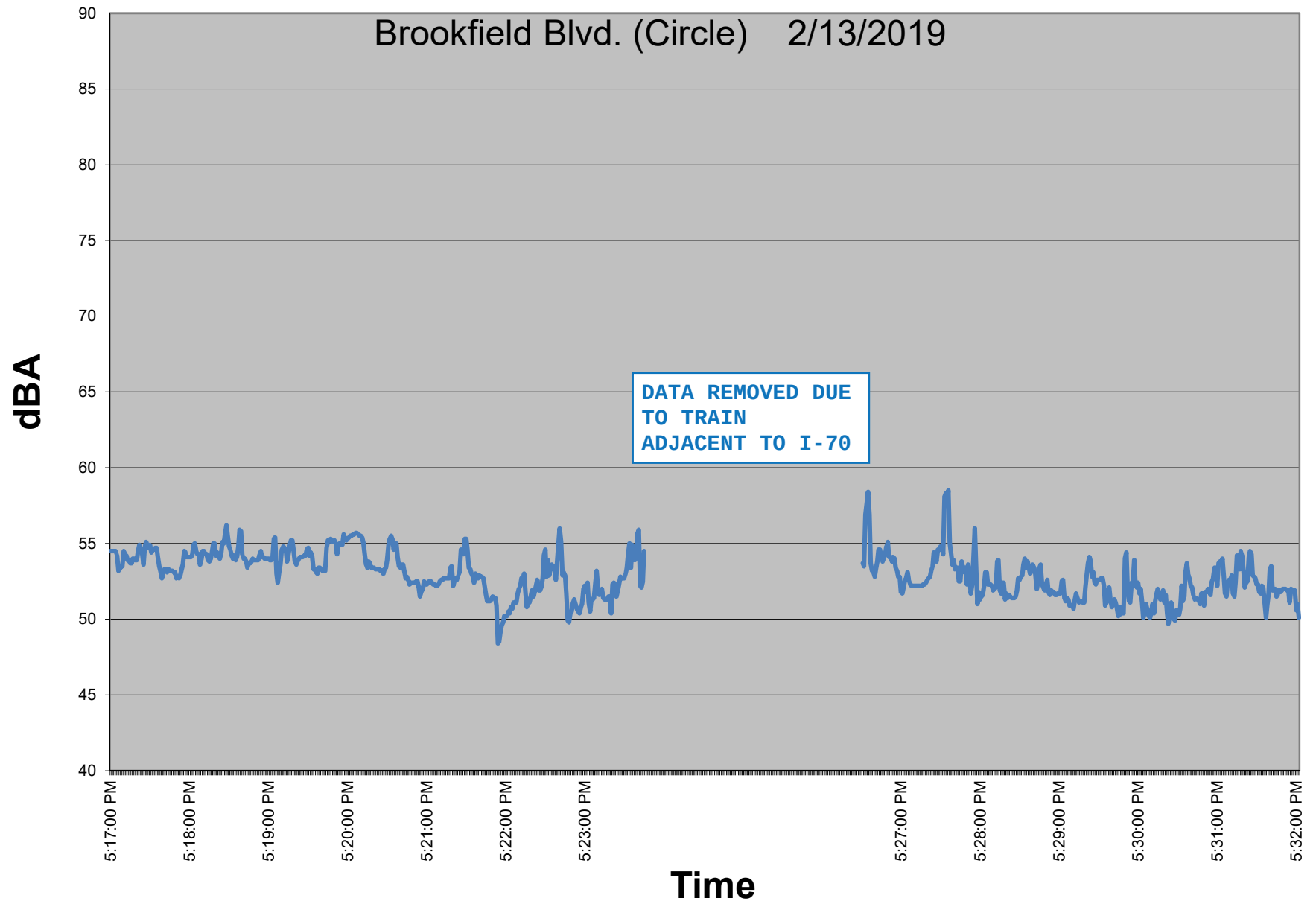


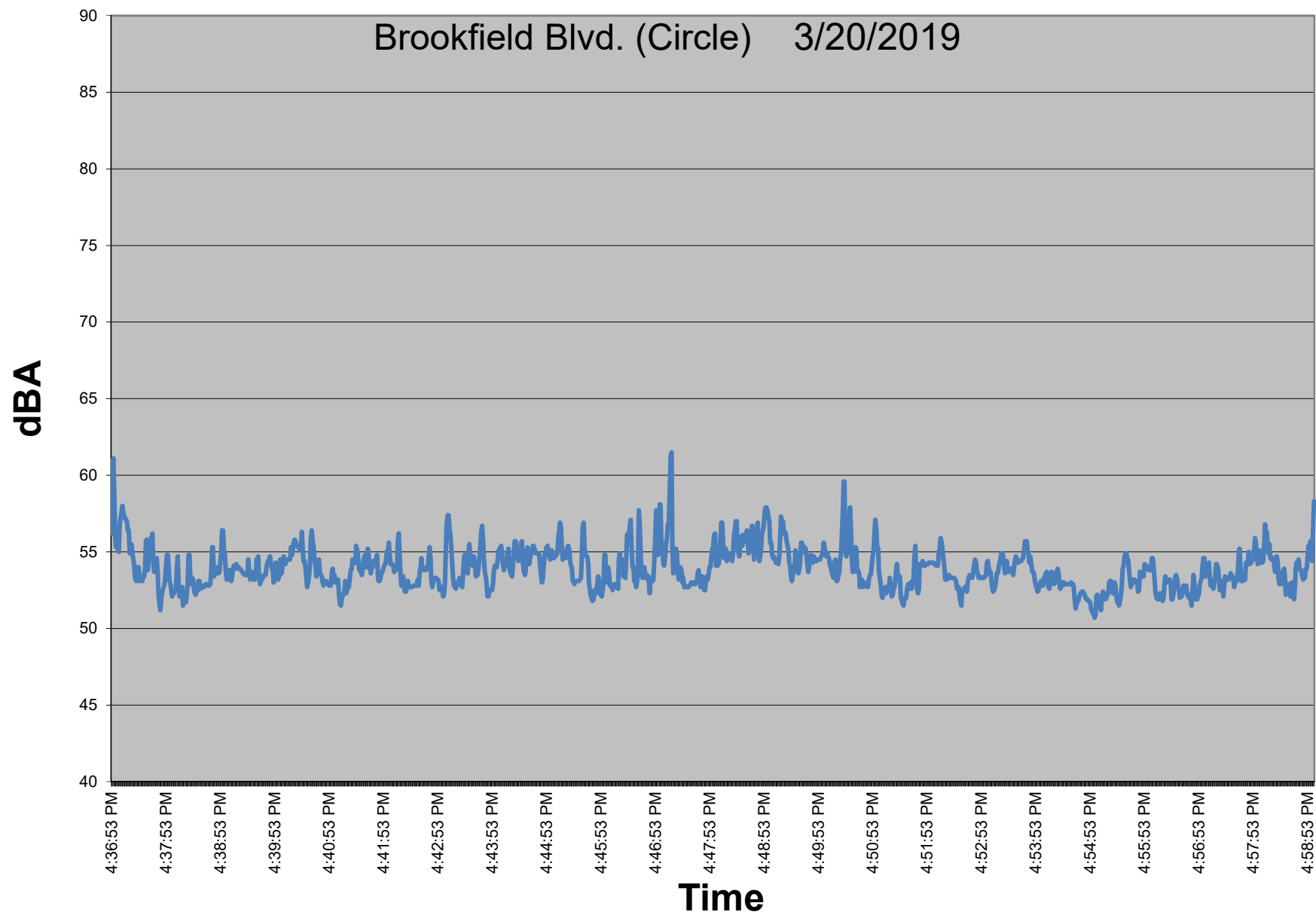
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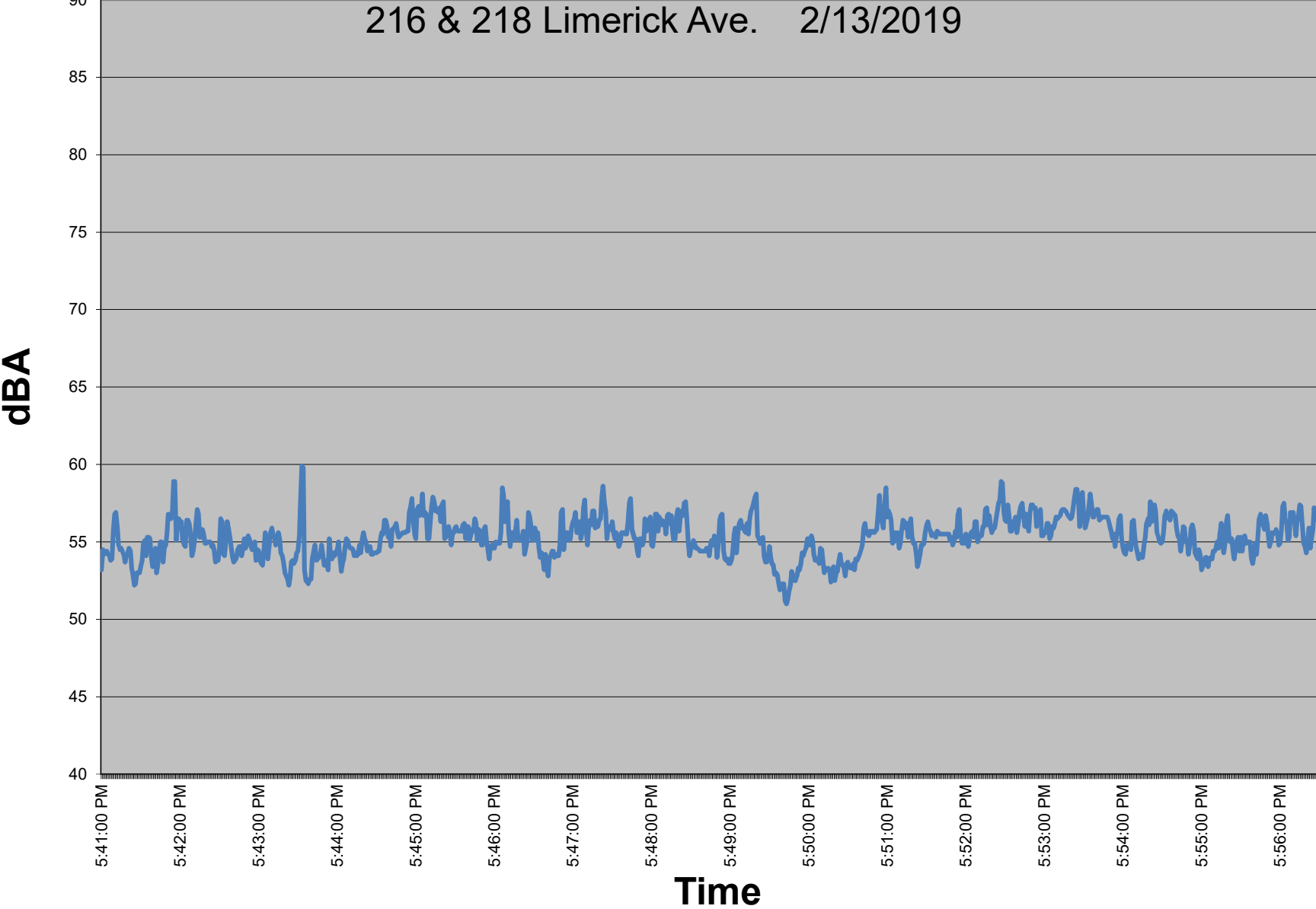




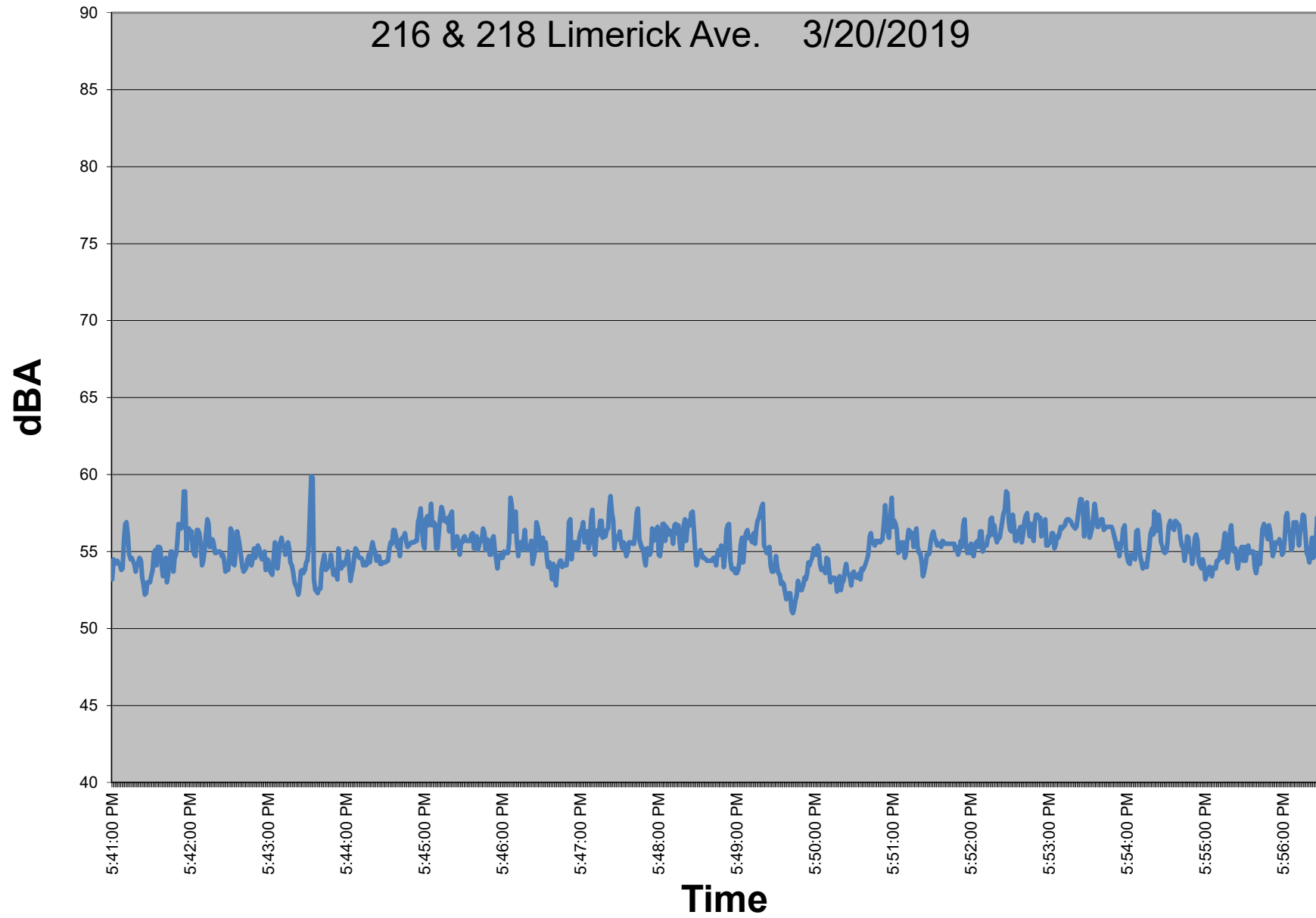




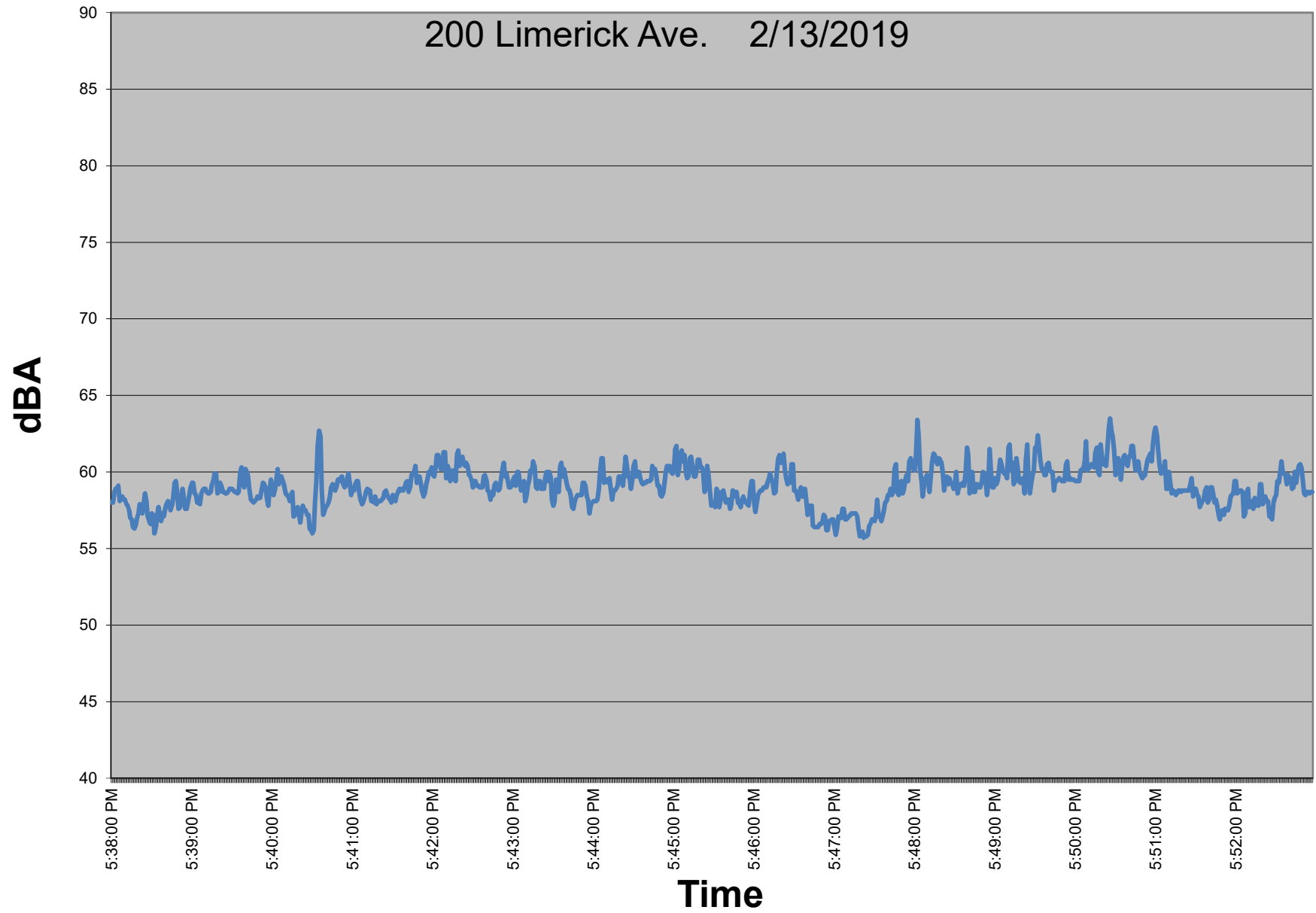
216 & 218 Limerick Ave. 2/13/2019



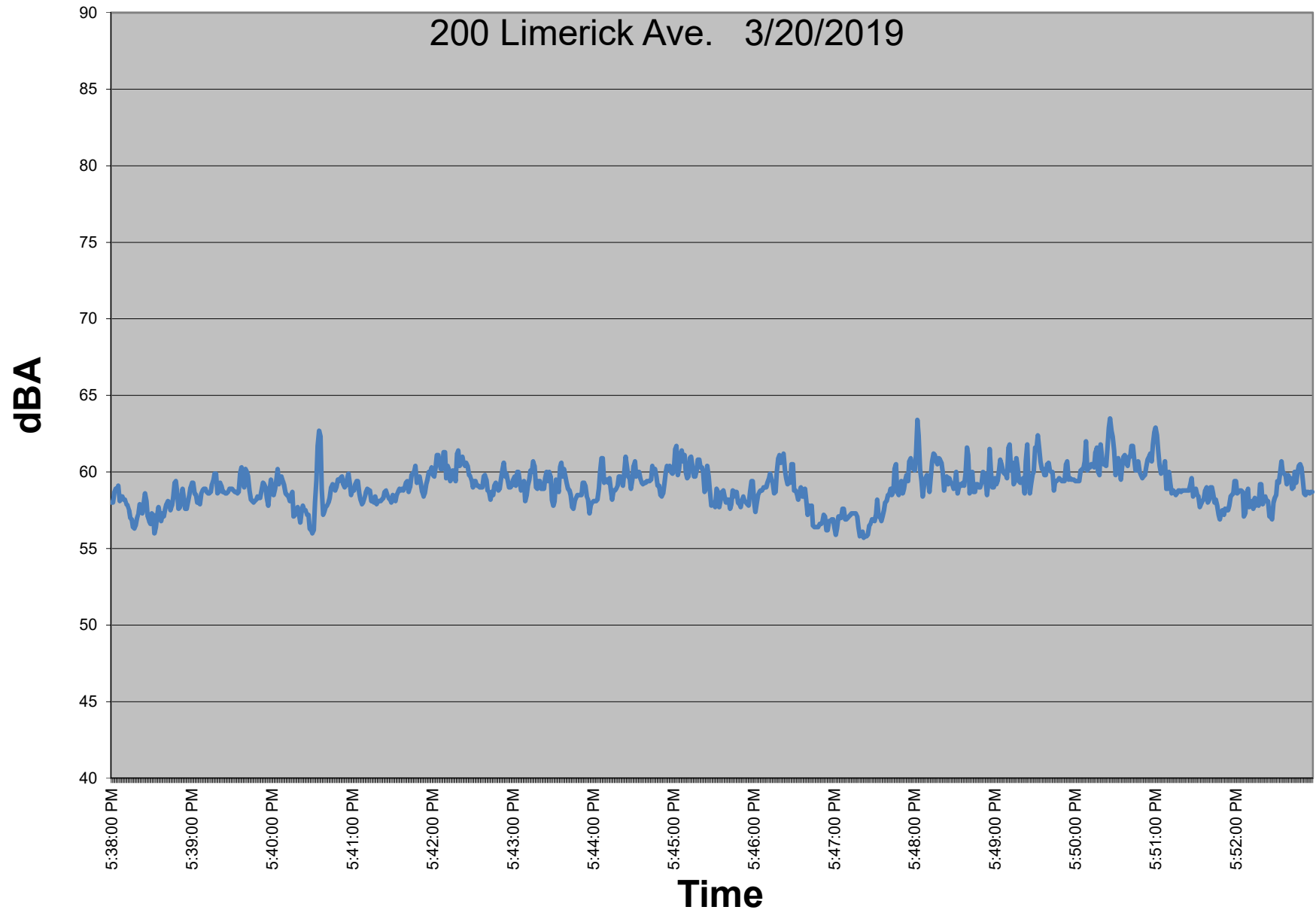
216 & 218 Limerick Ave. 3/20/2019



200 Limerick Ave. 2/13/2019



200 Limerick Ave. 3/20/2019



TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			☁ 46° CITY OF WENTZVILLE PUBLIC WORKS STATION REPORT CHANGE ✓ ⌚ 4:50 PM CST on February 13, 2019 (GMT -0600) Updated 2 minutes ago 47° 40° 46° F FEELS LIKE 43° Cloudy N 5 Wind SE Gusts 14 mph			
Date:	Wednesday, February 13, 2019						
Start/End Time:	4:38 PM - 4:53 PM						
Site Number:	1						
Address/Description:	2472 W. Meyer Road (West Property Line)						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374164						
Operator Name:	Jason Jarquio						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			46° CITY OF WENTZVILLE PUBLIC WORKS STATION REPORT CHANGE ✓ ☉ 4:50 PM CST on February 13, 2019 (GMT -0600) Updated 2 minutes ago 47° 40° 46° F FEELS LIKE 43° Cloudy N 5 Wind SE Gusts 14 mph			
Date:	Wednesday, February 13, 2019						
Start/End Time:	4:48 PM - 5:03 PM						
Site Number:	2						
Address/Description:	Wabash Elementary School						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374163						
Operator Name:	Mark Stuempel						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	<u>David Hoekel Parkway - Phase 2D</u>			46° CITY OF WENTZVILLE PUBLIC WORKS STATION REPORT CHANGE ☉ 5:19 PM CST on February 13, 2019 (GMT -0600) Updated a minute ago Mostly Cloudy Wind SE Gusts 14 mph			
Date:	<u>Wednesday, February 13, 2019</u>						
Start/End Time:	<u>5:11 PM - 5:26 PM</u>						
Site Number:	<u>3</u>						
Address/Description:	<u>Kruger Park Court (End of Street)</u>						
METER INFORMATION							
Meter Manufacturer/Model:	<u>Extech SDL-600</u>						
Meter Serial No:	<u>H.374164</u>						
Operator Name:	<u>Jason Jarquio</u>						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			46° CITY OF WENTZVILLE PUBLIC WORKS STATION REPORT CHANGE v ☉ 5:19 PM CST on February 13, 2019 (GMT -0600) Updated a minute ago 47° 40° 46° F FEELS LIKE 42° Mostly Cloudy Wind SE Gusts 14 mph			
Date:	Wednesday, February 13, 2019						
Start/End Time:	5:17 PM - 5:32 PM						
Site Number:	4						
Address/Description:	Brookfield Blvd. (End of Circle)						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374163						
Operator Name:	Mark Stuempel						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							
Train between 5:23PM and 5:26 PM							

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			☉ 5:52 PM CST on February 13, 2019 (GMT -0600) Updated a minute ago 47° 40° 45° F FEELS LIKE 40° Mostly Cloudy N 9 Wind ESE Gusts 11 mph			
Date:	Wednesday, February 13, 2019						
Start/End Time:	5:41 PM - 5:56 PM						
Site Number:	5						
Address/Description:	216/218 Limerick Ave.						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374163						
Operator Name:	Mark Stuempel						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							
Train between 5:23PM and 5:26 PM							

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			45° CITY OF WENTZVILLE PUBLIC WORKS STATION REPORT CHANGE ☉ 5:52 PM CST on February 13, 2019 (GMT -0600) Updated a minute ago 47° 40° 45° F FEELS LIKE 40° Mostly Cloudy N 9 Wind ESE Gusts 11 mph			
Date:	Wednesday, February 13, 2019						
Start/End Time:	5:38 PM - 5:53 PM						
Site Number:	6						
Address/Description:	200 Limerick Ave.						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374164						
Operator Name:	Jason Jarquio						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED: Train between 5:23PM and 5:26 PM							

MERGE
MIDWEST
ENGINEERING

ENGINEERING

SITE INFORMATION

Project Name: David Hoekel Parkway - Phase 2D
Date: Wednesday, March 20, 2019
Start/End Time: 5:17 PM - 5:37 PM
Site Number: 1
Address/Description: 2472 W. Meyer Road (West Property Line)

METER INFORMATION

Meter Manufacturer/Model: Extech SDL-600
Meter Serial No: H.374164
Operator Name: Mark Stuempel

WEATHER INFORMATION

Foristell, Missouri ★🏠

☁️ 52° DUENKE ROAD STATION | CHANGE ▾

⌚ 5:17 PM CDT on March 20, 2019 (GMT -5) |

Updated a few seconds ago

Cloudy

Gusts 1 mph

TRAFFIC INFORMATION

Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							

MONITORING SITE AERIAL

LEGEND: ▲ NOISE METER LOCATION

MONITORING SITE PHOTO

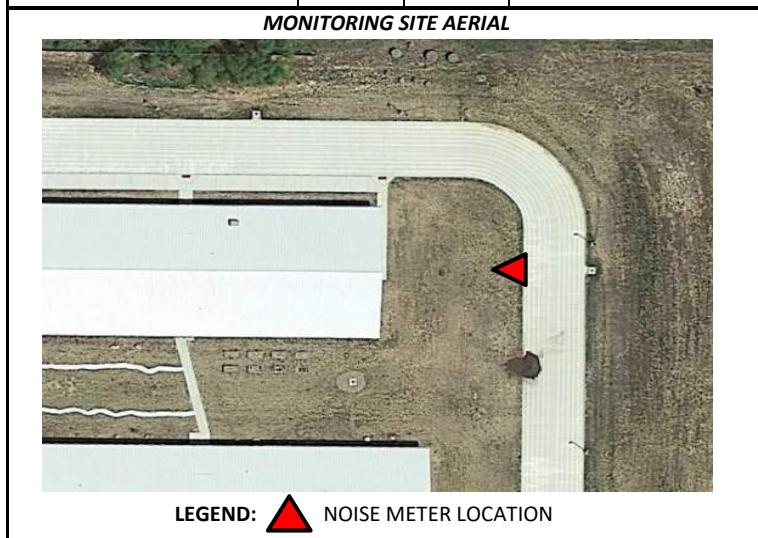
OTHER NOISE SOURCES OBSERVED:

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION	WEATHER INFORMATION
Project Name: <u>David Hoekel Parkway - Phase 2D</u>	Foristell, Missouri ★🏠 52° DUENKE ROAD STATION CHANGE ▼ ☉ 5:17 PM CDT on March 20, 2019 (GMT-5) Updated a few seconds ago 55° 44° 52° F FEELS LIKE 52° Cloudy Gusts 1 mph
Date: <u>Wednesday, March 20, 2019</u>	
Start/End Time: <u>5:11 PM - 5:31 PM</u>	
Site Number: <u>2</u>	
Address/Description: <u>Wabash Elementary School</u>	
METER INFORMATION	
Meter Manufacturer/Model: <u>Extech SDL-600</u>	
Meter Serial No: <u>H.374163</u>	
Operator Name: <u>Mark Stuempel</u>	

TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							



OTHER NOISE SOURCES OBSERVED:

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			Foristell, Missouri ★ 🏠 50° DUENKE ROAD STATION CHANGE ▼ 🕒 4:55 PM CDT on March 20, 2019 (GMT -5) Updated a few seconds ago 55° 44° 50° F FEELS LIKE 50° Cloudy Gusts 3 mph			
Date:	Wednesday, March 20, 2019						
Start/End Time:	4:44 PM - 5:05 PM						
Site Number:	3						
Address/Description:	Kruger Park Court (End of Street)						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374163						
Operator Name:	Mark Stuempel						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
 LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			Foristell, Missouri ★ 🏠 50° DUENKE ROAD STATION CHANGE ✓ 🕒 4:55 PM CDT on March 20, 2019 (GMT -5) Updated a few seconds ago 55° 44° 50° F FEELS LIKE 50° Cloudy Gusts 3 mph			
Date:	Wednesday, March 20, 2019						
Start/End Time:	4:37 PM - 4:59 PM						
Site Number:	4						
Address/Description:	Brookfield Blvd. (End of Circle)						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374164						
Operator Name:	Mark Stuempel						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							

TRAFFIC NOISE FIELD MEASUREMENT NOTES

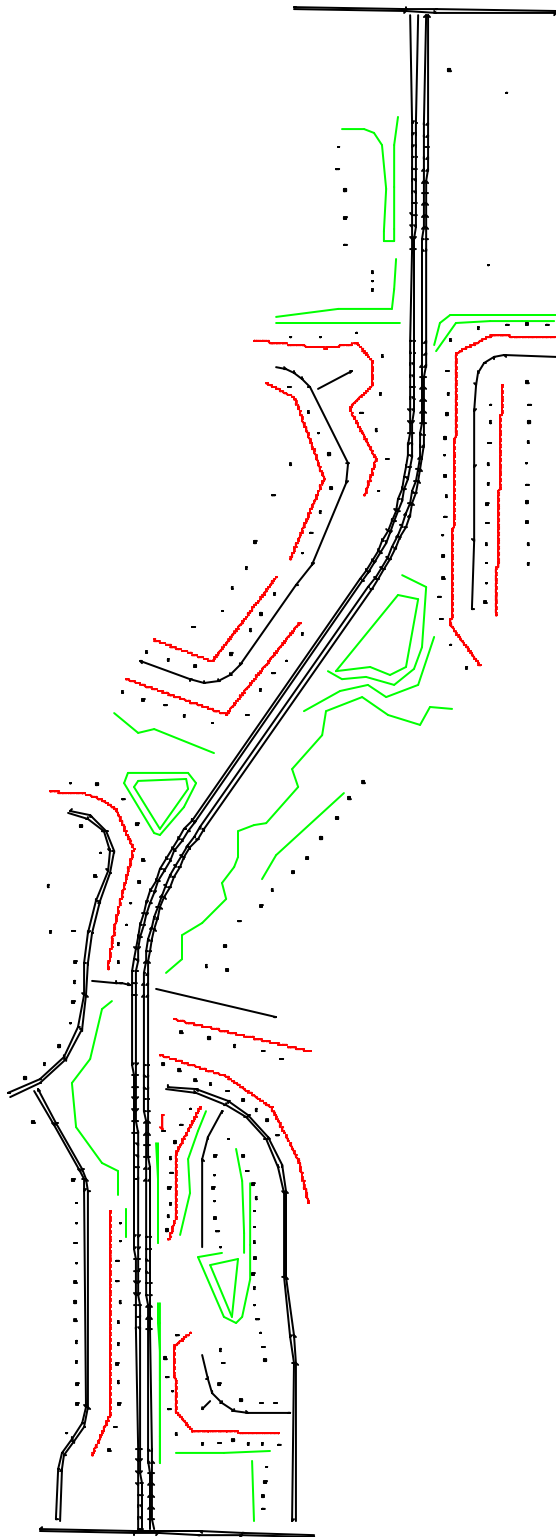


SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			Foristell, Missouri ★🏠 51° DUENKE ROAD STATION CHANGE ▼ ☉ 5:51 PM CDT on March 20, 2019 (GMT -5) Updated a few seconds ago 55° 44° 51° F FEELS LIKE 51° Cloudy Gusts 2 mph			
Date:	Wednesday, March 20, 2019						
Start/End Time:	5:48 PM - 6:15 PM						
Site Number:	5						
Address/Description:	216/218 Limerick Ave.						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374164						
Operator Name:	Mark Stuempel						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							

TRAFFIC NOISE FIELD MEASUREMENT NOTES



SITE INFORMATION				WEATHER INFORMATION			
Project Name:	David Hoekel Parkway - Phase 2D			Foristell, Missouri ★ 🏠 51° DUENKE ROAD STATION CHANGE ▼ ☉ 5:51 PM CDT on March 20, 2019 (GMT -5) Updated a few seconds ago 55° 44° 51° F FEELS LIKE 51° Cloudy Gusts 2 mph			
Date:	Wednesday, March 20, 2019						
Start/End Time:	5:51 PM - 6:18 PM						
Site Number:	6						
Address/Description:	200 Limerick Ave.						
METER INFORMATION							
Meter Manufacturer/Model:	Extech SDL-600						
Meter Serial No:	H.374163						
Operator Name:	Mark Stuempel						
TRAFFIC INFORMATION							
Roadway/Direction	Lane	Speed	Autos	Med Trucks	Hvy Trucks	Busses	Motorcycles
No Existing Roadway							
MONITORING SITE AERIAL				MONITORING SITE PHOTO			
 LEGEND: NOISE METER LOCATION							
OTHER NOISE SOURCES OBSERVED:							



Four-lane Divided Traffic - 40 MPH		Sheet 1 of 1	24 Feb 2021
Plan View		Merge Midwest Engineering, LLC	
Run name: DHP 4-Lane - 40		Project/Contract No. David Hoekel Pkwy - Wentzville	
Scale:  500 feet		TNM Version 2.5, Feb 2004	
		Analysis By: Analysis by: MDS	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC													
Analysis by: MDS													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		David Hoekel Pkwy - Wentzville, MO											
RUN:		Two-Lane Two-Way Traffic - 40 MPH											
BARRIER DESIGN:		INPUT HEIGHTS											
		Average pavement type shall be used unless											
		a State highway agency substantiates the use											
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing	No Barrier				With Barrier				
				LAeq1h	LAeq1h	Increase over existing			Type	Calculated	Noise Reduction		
					Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated
								Sub'l Inc					minus
													Goal
				dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
201 Limerick Ave		1	1	59.5	50.9	66	-8.6	15	----	50.9	0.0	7	-7.0
203 Limerick Ave		2	1	59.1	51.7	66	-7.4	15	----	51.7	0.0	7	-7.0
205 Limerick Ave		3	1	58.8	51.8	66	-7.0	15	----	51.8	0.0	7	-7.0
207 Limerick Ave		4	1	58.4	51.7	66	-6.7	15	----	51.7	0.0	7	-7.0
209 Limerick Ave		5	1	58.1	51.8	66	-6.3	15	----	51.8	0.0	7	-7.0
211 Limerick Ave		6	1	57.7	51.8	66	-5.9	15	----	51.8	0.0	7	-7.0
213 Limerick Ave		7	1	57.4	51.5	66	-5.9	15	----	51.5	0.0	7	-7.0
215 Limerick Ave		8	1	57.0	51.9	66	-5.1	15	----	51.9	0.0	7	-7.0
217 Limerick Ave		9	1	56.7	52.7	66	-4.0	15	----	52.7	0.0	7	-7.0
219 Limerick Ave		10	1	56.3	53.1	66	-3.2	15	----	53.1	0.0	7	-7.0
221 Limerick Ave		11	1	56.0	53.2	66	-2.8	15	----	53.2	0.0	7	-7.0
223 Limerick Ave		12	1	55.6	54.1	66	-1.5	15	----	54.1	0.0	7	-7.0
225 Limerick Ave		13	1	55.3	54.4	66	-0.9	15	----	54.4	0.0	7	-7.0
222 Limerick Ave		14	1	55.6	61.9	66	6.3	15	----	61.9	0.0	7	-7.0
220 Limerick Ave		15	1	56.0	62.3	66	6.3	15	----	62.3	0.0	7	-7.0
218 Limerick Ave		16	1	56.3	60.9	66	4.6	15	----	60.9	0.0	7	-7.0
216 Limerick Ave		17	1	56.7	60.7	66	4.0	15	----	60.7	0.0	7	-7.0
214 Limerick Ave		18	1	57.0	61.7	66	4.7	15	----	61.7	0.0	7	-7.0
212 Limerick Ave		19	1	57.4	61.6	66	4.2	15	----	61.6	0.0	7	-7.0
210 Limerick Ave		20	1	57.7	61.0	66	3.3	15	----	61.0	0.0	7	-7.0
208 Limerick Ave		21	1	58.1	61.2	66	3.1	15	----	61.2	0.0	7	-7.0
206 Limerick Ave		22	1	58.4	60.9	66	2.5	15	----	60.9	0.0	7	-7.0
204 Limerick Ave		23	1	58.8	61.5	66	2.7	15	----	61.5	0.0	7	-7.0
202 Limerick Ave		24	1	59.1	60.7	66	1.6	15	----	60.7	0.0	7	-7.0

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

200 Limerick Ave	25	1	59.5	59.7	66	0.2	15	----	59.7	0.0	7	-7.0
101 Brookfield Blvd	26	1	62.0	59.8	66	-2.2	15	----	59.8	0.0	7	-7.0
103 Brookfield Blvd	27	1	61.2	56.4	66	-4.8	15	----	56.4	0.0	7	-7.0
105 Brookfield Blvd	28	1	60.5	54.2	66	-6.3	15	----	54.2	0.0	7	-7.0
107 Brookfield Blvd	29	1	59.9	52.9	66	-7.0	15	----	52.9	0.0	7	-7.0
11 Brookfield Ct	30	1	59.5	49.2	66	-10.3	15	----	49.2	0.0	7	-7.0
15 Brookfield Ct	31	1	59.5	50.3	66	-9.2	15	----	50.3	0.0	7	-7.0
17 Brookfield Ct	32	1	59.5	50.7	66	-8.8	15	----	50.7	0.0	7	-7.0
19 Brookfield Ct	33	1	59.5	51.1	66	-8.4	15	----	51.1	0.0	7	-7.0
21 Brookfield Ct	34	1	59.5	52.1	66	-7.4	15	----	52.1	0.0	7	-7.0
23 Brookfield Ct	35	1	59.5	54.5	66	-5.0	15	----	54.5	0.0	7	-7.0
25 Brookfield Ct	36	1	59.5	58.7	66	-0.8	15	----	58.7	0.0	7	-7.0
27 Brookfield Ct	37	1	58.8	61.0	66	2.2	15	----	61.0	0.0	7	-7.0
29 Brookfield Ct	38	1	58.4	63.2	66	4.8	15	----	63.2	0.0	7	-7.0
31 Brookfield Ct	39	1	58.2	61.3	66	3.1	15	----	61.3	0.0	7	-7.0
33 Brookfield Ct	40	1	58.1	64.0	66	5.9	15	----	64.0	0.0	7	-7.0
35 Brookfield Ct	41	1	57.4	62.0	66	4.6	15	----	62.0	0.0	7	-7.0
37 Landon Way	42	1	56.0	65.4	66	9.4	15	----	65.4	0.0	7	-7.0
35 Landon Way	43	1	55.6	65.1	66	9.5	15	----	65.1	0.0	7	-7.0
33 Landon Way	44	1	55.3	64.6	66	9.3	15	----	64.6	0.0	7	-7.0
31 Landon Way	45	1	54.9	64.7	66	9.8	15	----	64.7	0.0	7	-7.0
29 Landon Way	46	1	54.6	64.0	66	9.4	15	----	64.0	0.0	7	-7.0
27 Landon Way	47	1	54.2	64.4	66	10.2	15	----	64.4	0.0	7	-7.0
157 Brookfield Blvd	48	1	54.0	64.9	66	10.9	15	----	64.9	0.0	7	-7.0
25 Landon Way	49	1	54.0	62.0	66	8.0	15	----	62.0	0.0	7	-7.0
23 Landon Way	50	1	53.7	58.8	66	5.1	15	----	58.8	0.0	7	-7.0
21 Landon Way	51	1	53.7	56.8	66	3.1	15	----	56.8	0.0	7	-7.0
145 Brookfield Blvd	52	1	54.0	49.1	66	-4.9	15	----	49.1	0.0	7	-7.0
22 Landon Way	53	1	54.2	50.8	66	-3.4	15	----	50.8	0.0	7	-7.0
24 Landon Way	54	1	54.6	50.9	66	-3.7	15	----	50.9	0.0	7	-7.0
26 Landon Way	55	1	54.9	51.2	66	-3.7	15	----	51.2	0.0	7	-7.0
28 Landon Way	56	1	55.3	51.6	66	-3.7	15	----	51.6	0.0	7	-7.0
30 Landon Way	57	1	55.6	52.1	66	-3.5	15	----	52.1	0.0	7	-7.0
32 Landon Way	58	1	56.0	52.3	66	-3.7	15	----	52.3	0.0	7	-7.0
34 Landon Way	59	1	56.3	52.5	66	-3.8	15	----	52.5	0.0	7	-7.0
26 Brookfield Ct	60	1	58.1	52.8	66	-5.3	15	----	52.8	0.0	7	-7.0
24 Brookfield Ct	61	1	58.2	52.1	66	-6.1	15	----	52.1	0.0	7	-7.0
22 Brookfield Ct	62	1	58.4	52.4	66	-6.0	15	----	52.4	0.0	7	-7.0
20 Brookfield Ct	63	1	58.8	52.4	66	-6.4	15	----	52.4	0.0	7	-7.0
12 Brookfield Ct	64	1	58.8	50.8	66	-8.0	15	----	50.8	0.0	7	-7.0
10 Brookfield Ct	65	7	58.8	50.1	66	-8.7	15	----	50.1	0.0	7	-7.0

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

115 Brookfield Blvd	66	1	58.2	48.1	66	-10.1	15	----	48.1	0.0	7	-7.0
117 Brookfield Blvd	67	1	58.1	48.5	66	-9.6	15	----	48.5	0.0	7	-7.0
119 Brookfield Blvd	68	1	57.4	49.7	66	-7.7	15	----	49.7	0.0	7	-7.0
121 Brookfield Blvd	69	1	57.2	50.3	66	-6.9	15	----	50.3	0.0	7	-7.0
123 Brookfield Blvd	70	1	57.0	51.6	66	-5.4	15	----	51.6	0.0	7	-7.0
125 Brookfield Blvd	71	1	56.7	52.4	66	-4.3	15	----	52.4	0.0	7	-7.0
127 Brookfield Blvd	72	1	56.4	52.1	66	-4.3	15	----	52.1	0.0	7	-7.0
129 Brookfield Blvd	73	1	56.2	51.1	66	-5.1	15	----	51.1	0.0	7	-7.0
131 Brookfield Blvd	74	1	56.0	50.8	66	-5.2	15	----	50.8	0.0	7	-7.0
133 Brookfield Blvd	75	1	55.8	50.2	66	-5.6	15	----	50.2	0.0	7	-7.0
135 Brookfield Blvd	76	1	55.6	50.0	66	-5.6	15	----	50.0	0.0	7	-7.0
137 Brookfield Blvd	77	1	54.3	49.4	66	-4.9	15	----	49.4	0.0	7	-7.0
139 Brookfield Blvd	78	1	54.9	49.5	66	-5.4	15	----	49.5	0.0	7	-7.0
141 Brookfield Blvd	79	1	54.6	49.4	66	-5.2	15	----	49.4	0.0	7	-7.0
143 Brookfield Blvd	80	1	54.2	48.9	66	-5.3	15	----	48.9	0.0	7	-7.0
144 Brookfield Blvd	81	1	54.0	48.0	66	-6.0	15	----	48.0	0.0	7	-7.0
146 Brookfield Blvd	82	1	53.9	48.2	66	-5.7	15	----	48.2	0.0	7	-7.0
148 Brookfield Blvd	83	1	53.8	48.7	66	-5.1	15	----	48.7	0.0	7	-7.0
150 Brookfield Blvd	84	1	53.7	49.5	66	-4.2	15	----	49.5	0.0	7	-7.0
152 Brookfield Blvd	85	1	53.7	51.3	66	-2.4	15	----	51.3	0.0	7	-7.0
154 Brookfield Blvd	86	1	53.7	54.5	66	0.8	15	----	54.5	0.0	7	-7.0
156 Brookfield Blvd	87	1	53.7	56.4	66	2.7	15	----	56.4	0.0	7	-7.0
158 Brookfield Blvd	88	1	53.7	58.9	66	5.2	15	----	58.9	0.0	7	-7.0
160 Brookfield Blvd	89	1	53.7	65.5	66	11.8	15	----	65.5	0.0	7	-7.0
229 Sonnet Cir	90	1	53.7	49.7	66	-4.0	15	----	49.7	0.0	7	-7.0
230 Sonnet Cir	92	1	53.7	50.7	66	-3.0	15	----	50.7	0.0	7	-7.0
310 Sonnet Cir	93	1	53.6	52.5	66	-1.1	15	----	52.5	0.0	7	-7.0
308 Sonnet Cir	94	1	53.5	53.5	66	0.0	15	----	53.5	0.0	7	-7.0
306 Sonnet Cir	95	1	53.4	54.3	66	0.9	15	----	54.3	0.0	7	-7.0
304 Sonnet Cir	96	1	53.3	54.0	66	0.7	15	----	54.0	0.0	7	-7.0
302 Sonnet Cir	97	1	53.2	53.0	66	-0.2	15	----	53.0	0.0	7	-7.0
300 Sonnet Cir	98	1	53.1	52.3	66	-0.8	15	----	52.3	0.0	7	-7.0
23 Amesbury Ct	99	1	53.0	49.4	66	-3.6	15	----	49.4	0.0	7	-7.0
21 Amesbury Ct	100	1	53.0	50.4	66	-2.6	15	----	50.4	0.0	7	-7.0
299 Sonnet Cir	101	1	53.1	61.5	66	8.4	15	----	61.5	0.0	7	-7.0
297 Sonnet Cir	102	1	53.0	60.7	66	7.7	15	----	60.7	0.0	7	-7.0
295 Sonnet Cir	103	1	52.9	61.9	66	9.0	15	----	61.9	0.0	7	-7.0
293 Sonnet Cir	104	1	52.8	61.3	66	8.5	15	----	61.3	0.0	7	-7.0
291 Sonnet Cir	105	1	52.8	61.6	66	8.8	15	----	61.6	0.0	7	-7.0
22 Amesbury Ct	106	1	52.8	49.6	66	-3.2	15	----	49.6	0.0	7	-7.0
290 Sonnet Cir	107	1	52.8	50.1	66	-2.7	15	----	50.1	0.0	7	-7.0

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

286 Sonnet Cir	108	1	52.7	49.5	66	-3.2	15	----	49.5	0.0	7	-7.0
284 Sonnet Cir	109	1	52.6	48.7	66	-3.9	15	----	48.7	0.0	7	-7.0
289 Sonnet Cir	110	1	52.7	60.5	66	7.8	15	----	60.5	0.0	7	-7.0
287 Sonnet Cir	111	1	52.5	56.7	66	4.2	15	----	56.7	0.0	7	-7.0
285 Sonnet Cir	112	1	52.4	54.3	66	1.9	15	----	54.3	0.0	7	-7.0
283 Sonnet Cir	113	1	52.3	49.7	66	-2.6	15	----	49.7	0.0	7	-7.0
281 Sonnet Cir	114	1	52.3	47.3	66	-5.0	15	----	47.3	0.0	7	-7.0
211 Victoria Park	115	1	51.9	57.2	66	5.3	15	----	57.2	0.0	7	-7.0
213 Victoria Park	116	1	51.9	52.9	66	1.0	15	----	52.9	0.0	7	-7.0
215 Victoria Park	117	1	51.9	50.0	66	-1.9	15	----	50.0	0.0	7	-7.0
217 Victoria Park	118	1	51.9	48.0	66	-3.9	15	----	48.0	0.0	7	-7.0
219 Victoria Park	119	1	51.9	46.1	66	-5.8	15	----	46.1	0.0	7	-7.0
216 Victoria Park	120	1	51.9	46.9	66	-5.0	15	----	46.9	0.0	7	-7.0
214 Victoria Park	121	1	51.9	47.9	66	-4.0	15	----	47.9	0.0	7	-7.0
212 Victoria Park	122	1	51.9	49.1	66	-2.8	15	----	49.1	0.0	7	-7.0
204 Victoria Park	123	1	51.9	50.6	66	-1.3	15	----	50.6	0.0	7	-7.0
202 Victoria Park	124	1	51.9	51.3	66	-0.6	15	----	51.3	0.0	7	-7.0
200 Victoria Park	125	1	51.9	51.8	66	-0.1	15	----	51.8	0.0	7	-7.0
160 Central Park	126	1	51.9	52.5	66	0.6	15	----	52.5	0.0	7	-7.0
406 Tulleries	127	1	51.9	49.1	66	-2.8	15	----	49.1	0.0	7	-7.0
408 Tulleries	128	1	51.9	49.4	66	-2.5	15	----	49.4	0.0	7	-7.0
410 Tulleries	129	1	51.9	50.0	66	-1.9	15	----	50.0	0.0	7	-7.0
412 Tulleries	130	1	51.9	50.0	66	-1.9	15	----	50.0	0.0	7	-7.0
414 Tulleries	131	1	51.9	48.8	66	-3.1	15	----	48.8	0.0	7	-7.0
544 Forest Park	132	1	51.9	49.8	66	-2.1	15	----	49.8	0.0	7	-7.0
547 Forest Park	133	1	51.9	49.5	66	-2.4	15	----	49.5	0.0	7	-7.0
156 Central Park	134	1	51.9	52.5	66	0.6	15	----	52.5	0.0	7	-7.0
154 Central Park	135	1	51.9	52.0	66	0.1	15	----	52.0	0.0	7	-7.0
152 Central Park	136	1	51.9	51.3	66	-0.6	15	----	51.3	0.0	7	-7.0
150 Central Park	137	1	52.0	51.0	66	-1.0	15	----	51.0	0.0	7	-7.0
148 Central Park	138	1	52.0	49.7	66	-2.3	15	----	49.7	0.0	7	-7.0
146 Central Park	139	1	52.0	49.4	66	-2.6	15	----	49.4	0.0	7	-7.0
144 Central Park	140	1	52.0	48.1	66	-3.9	15	----	48.1	0.0	7	-7.0
142 Central Park	141	1	52.0	46.8	66	-5.2	15	----	46.8	0.0	7	-7.0
6 Olympic Park	142	1	52.0	58.3	66	6.3	15	----	58.3	0.0	7	-7.0
4 Olympic Park	143	1	52.0	57.8	66	5.8	15	----	57.8	0.0	7	-7.0
2 Olympic Park	144	1	52.0	54.1	66	2.1	15	----	54.1	0.0	7	-7.0
149 Central Park	145	1	52.0	57.0	66	5.0	15	----	57.0	0.0	7	-7.0
151 Central Park	146	1	52.0	59.8	66	7.8	15	----	59.8	0.0	7	-7.0
153 Central Park	147	1	52.0	59.3	66	7.3	15	----	59.3	0.0	7	-7.0
201 Victoria Park	148	1	51.9	60.3	66	8.4	15	----	60.3	0.0	7	-7.0

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

203 Victoria Park	149	1	51.9	61.2	66	9.3	15	----	61.2	0.0	7	-7.0
205 Victoria Park	150	1	51.9	60.3	66	8.4	15	----	60.3	0.0	7	-7.0
207 Victoria Park	151	1	51.9	60.2	66	8.3	15	----	60.2	0.0	7	-7.0
209 Victoria Park	152	1	51.9	61.8	66	9.9	15	----	61.8	0.0	7	-7.0
223 Charging Bear	153	1	52.1	52.9	66	0.8	15	----	52.9	0.0	7	-7.0
221 Charging Bear	154	1	52.2	53.3	66	1.1	15	----	53.3	0.0	7	-7.0
219 Charging Bear	155	1	52.3	53.5	66	1.2	15	----	53.5	0.0	7	-7.0
217 Charging Bear	156	1	52.4	53.9	66	1.5	15	----	53.9	0.0	7	-7.0
215 Charging Bear	157	1	52.5	53.8	66	1.3	15	----	53.8	0.0	7	-7.0
211 Charging Bear	158	1	52.6	53.8	66	1.2	15	----	53.8	0.0	7	-7.0
209 Charging Bear	159	1	52.7	53.6	66	0.9	15	----	53.6	0.0	7	-7.0
207 Charging Bear	160	1	52.8	53.5	66	0.7	15	----	53.5	0.0	7	-7.0
205 Charging Bear	161	1	52.9	54.7	66	1.8	15	----	54.7	0.0	7	-7.0
203 Charging Bear	162	1	53.0	55.0	66	2.0	15	----	55.0	0.0	7	-7.0
201 Charging Bear	163	1	53.1	54.0	66	0.9	15	----	54.0	0.0	7	-7.0
2521 Bear Creek	164	1	53.1	56.3	66	3.2	15	----	56.3	0.0	7	-7.0
2522 Bear Creek	165	1	53.3	57.4	66	4.1	15	----	57.4	0.0	7	-7.0
2520 Bear Creek	166	1	53.4	52.5	66	-0.9	15	----	52.5	0.0	7	-7.0
2518 Bear Creek	167	1	53.5	49.7	66	-3.8	15	----	49.7	0.0	7	-7.0
2516 Bear Creek	168	1	53.6	47.6	66	-6.0	15	----	47.6	0.0	7	-7.0
2514 Bear Creek	169	1	53.7	46.6	66	-7.1	15	----	46.6	0.0	7	-7.0
178 Shadow Glen	170	1	51.9	44.3	66	-7.6	15	----	44.3	0.0	7	-7.0
180 Shadow Glen	171	1	51.9	44.6	66	-7.3	15	----	44.6	0.0	7	-7.0
182 Shadow Glen	172	1	51.9	44.3	66	-7.6	15	----	44.3	0.0	7	-7.0
184 Shadow Glen	173	1	51.9	44.6	66	-7.3	15	----	44.6	0.0	7	-7.0
200 Shadow Glen	174	1	51.9	44.9	66	-7.0	15	----	44.9	0.0	7	-7.0
202 Shadow Glen	175	1	52.0	45.5	66	-6.5	15	----	45.5	0.0	7	-7.0
204 Shadow Glen	176	1	52.0	45.7	66	-6.3	15	----	45.7	0.0	7	-7.0
206 Shadow Glen	177	1	52.0	47.0	66	-5.0	15	----	47.0	0.0	7	-7.0
208 Shadow Glen	178	1	52.0	48.0	66	-4.0	15	----	48.0	0.0	7	-7.0
210 Shadow Glen	179	1	52.0	49.6	66	-2.4	15	----	49.6	0.0	7	-7.0
138 Shadow Pointe	180	1	52.0	51.6	66	-0.4	15	----	51.6	0.0	7	-7.0
140 Shadow Pointe	181	1	52.0	51.4	66	-0.6	15	----	51.4	0.0	7	-7.0
142 Shadow Pointe	182	1	52.0	50.9	66	-1.1	15	----	50.9	0.0	7	-7.0
144 Shadow Pointe	183	1	52.0	50.9	66	-1.1	15	----	50.9	0.0	7	-7.0
146 Shadow Pointe	184	1	51.9	51.1	66	-0.8	15	----	51.1	0.0	7	-7.0
148 Shadow Pointe	185	1	51.9	51.6	66	-0.3	15	----	51.6	0.0	7	-7.0
150 Shadow Pointe	186	1	51.9	50.5	66	-1.4	15	----	50.5	0.0	7	-7.0
152 Shadow Pointe	187	1	51.9	50.5	66	-1.4	15	----	50.5	0.0	7	-7.0
154 Shadow Pointe	188	1	51.9	51.2	66	-0.7	15	----	51.2	0.0	7	-7.0
156 Shadow Pointe	189	1	51.9	50.0	66	-1.9	15	----	50.0	0.0	7	-7.0

RESULTS: SOUND LEVELS
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158 Shadow Pointe	190	1	51.9	48.9	66	-3.0	15	----	48.9	0.0	7	-7.0
165 Shadow Pointe	191	1	51.9	48.6	66	-3.3	15	----	48.6	0.0	7	-7.0
163 Shadow Pointe	192	1	51.9	51.7	66	-0.2	15	----	51.7	0.0	7	-7.0
161 Shadow Pointe	193	1	51.9	51.4	66	-0.5	15	----	51.4	0.0	7	-7.0
159 Shadow Pointe	194	1	51.9	54.0	66	2.1	15	----	54.0	0.0	7	-7.0
157 Shadow Pointe	195	1	51.9	55.1	66	3.2	15	----	55.1	0.0	7	-7.0
155 Shadow Pointe	196	1	51.9	57.0	66	5.1	15	----	57.0	0.0	7	-7.0
153 Shadow Pointe	197	1	51.9	58.6	66	6.7	15	----	58.6	0.0	7	-7.0
151 Shadow Pointe	198	1	51.9	59.3	66	7.4	15	----	59.3	0.0	7	-7.0
149 Shadow Pointe	199	1	51.9	60.4	66	8.5	15	----	60.4	0.0	7	-7.0
147 Shadow Pointe	200	1	52.0	62.2	66	10.2	15	----	62.2	0.0	7	-7.0
145 Shadow Pointe	201	1	52.0	63.7	66	11.7	15	----	63.7	0.0	7	-7.0
143 Shadow Pointe	202	1	52.0	63.8	66	11.8	15	----	63.8	0.0	7	-7.0
141 Shadow Pointe	203	1	52.0	63.2	66	11.2	15	----	63.2	0.0	7	-7.0
137 Shadow Pointe	204	1	52.0	63.0	66	11.0	15	----	63.0	0.0	7	-7.0
135 Shadow Pointe	205	1	52.0	63.3	66	11.3	15	----	63.3	0.0	7	-7.0
133 Shadow Pointe	206	1	52.0	62.0	66	10.0	15	----	62.0	0.0	7	-7.0
131 Shadow Pointe	207	1	52.0	54.3	66	2.3	15	----	54.3	0.0	7	-7.0
129 Shadow Pointe	208	1	52.0	49.3	66	-2.7	15	----	49.3	0.0	7	-7.0
127 Shadow Pointe	209	1	52.0	47.9	66	-4.1	15	----	47.9	0.0	7	-7.0
125 Shadow Pointe	210	1	52.0	46.9	66	-5.1	15	----	46.9	0.0	7	-7.0
627 N. Point Prairie Rd.	211	1	52.1	54.3	66	2.2	15	----	54.3	0.0	7	-7.0
2466 Meyer	212	1	54.9	51.3	66	-3.6	15	----	51.3	0.0	7	-7.0
2472 Meyer	213	1	54.9	62.5	66	7.6	15	----	62.5	0.0	7	-7.0
School 1	214	1	52.2	51.3	66	-0.9	15	----	51.3	0.0	7	-7.0
School 2	215	1	52.1	50.3	66	-1.8	15	----	50.3	0.0	7	-7.0
School 3	216	1	52.1	49.8	66	-2.3	15	----	49.8	0.0	7	-7.0
School 4	217	1	52.1	48.8	66	-3.3	15	----	48.8	0.0	7	-7.0
School 5	218	1	52.1	48.2	66	-3.9	15	----	48.2	0.0	7	-7.0
School 6	219	1	52.0	50.8	66	-1.2	15	----	50.8	0.0	7	-7.0
School 7	220	1	52.0	50.4	66	-1.6	15	----	50.4	0.0	7	-7.0
School 8	221	1	52.0	49.2	66	-2.8	15	----	49.2	0.0	7	-7.0
5 Olympic Park	222	1	52.0	52.3	66	0.3	15	----	52.3	0.0	7	-7.0
145 Central Park	223	1	52.0	46.6	66	-5.4	15	----	46.6	0.0	7	-7.0
143 Central Park	224	1	52.0	44.6	66	-7.4	15	----	44.6	0.0	7	-7.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		223	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC													
Analysis by: MDS													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		David Hoekel Pkwy - Wentzville, MO											
RUN:		Four-Lane Divided Traffic - 40 MPH											
BARRIER DESIGN:		INPUT HEIGHTS											
									Average pavement type shall be used unless				
ATMOSPHERICS:		68 deg F, 50% RH							a State highway agency substantiates the use				
									of a different type with approval of FHWA.				
Receiver													
Name	No.	#DUs	Existing	No Barrier					With Barrier				
			LAeq1h	LAeq1h		Increase over existing		Type	Calculated	Noise Reduction			
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated	
							Sub'l Inc					minus	
												Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
201 Limerick Ave	1	1	59.5	52.4	66	-7.1	15	----	52.4	0.0	7	-7.0	
203 Limerick Ave	2	1	59.1	52.9	66	-6.2	15	----	52.9	0.0	7	-7.0	
205 Limerick Ave	3	1	58.8	52.9	66	-5.9	15	----	52.9	0.0	7	-7.0	
207 Limerick Ave	4	1	58.4	52.9	66	-5.5	15	----	52.9	0.0	7	-7.0	
209 Limerick Ave	5	1	58.1	53.1	66	-5.0	15	----	53.1	0.0	7	-7.0	
211 Limerick Ave	6	1	57.7	52.9	66	-4.8	15	----	52.9	0.0	7	-7.0	
213 Limerick Ave	7	1	57.4	52.9	66	-4.5	15	----	52.9	0.0	7	-7.0	
215 Limerick Ave	8	1	57.0	53.2	66	-3.8	15	----	53.2	0.0	7	-7.0	
217 Limerick Ave	9	1	56.7	53.6	66	-3.1	15	----	53.6	0.0	7	-7.0	
219 Limerick Ave	10	1	56.3	54.0	66	-2.3	15	----	54.0	0.0	7	-7.0	
221 Limerick Ave	11	1	56.0	54.1	66	-1.9	15	----	54.1	0.0	7	-7.0	
223 Limerick Ave	12	1	55.6	55.0	66	-0.6	15	----	55.0	0.0	7	-7.0	
225 Limerick Ave	13	1	55.3	55.1	66	-0.2	15	----	55.1	0.0	7	-7.0	
222 Limerick Ave	14	1	55.6	63.5	66	7.9	15	----	63.5	0.0	7	-7.0	
220 Limerick Ave	15	1	56.0	63.9	66	7.9	15	----	63.9	0.0	7	-7.0	
218 Limerick Ave	16	1	56.3	62.8	66	6.5	15	----	62.8	0.0	7	-7.0	
216 Limerick Ave	17	1	56.7	62.6	66	5.9	15	----	62.6	0.0	7	-7.0	
214 Limerick Ave	18	1	57.0	63.8	66	6.8	15	----	63.8	0.0	7	-7.0	
212 Limerick Ave	19	1	57.4	63.2	66	5.8	15	----	63.2	0.0	7	-7.0	
210 Limerick Ave	20	1	57.7	63.0	66	5.3	15	----	63.0	0.0	7	-7.0	
208 Limerick Ave	21	1	58.1	62.8	66	4.7	15	----	62.8	0.0	7	-7.0	
206 Limerick Ave	22	1	58.4	62.8	66	4.4	15	----	62.8	0.0	7	-7.0	
204 Limerick Ave	23	1	58.8	63.3	66	4.5	15	----	63.3	0.0	7	-7.0	
202 Limerick Ave	24	1	59.1	61.6	66	2.5	15	----	61.6	0.0	7	-7.0	

RESULTS: SOUND LEVELS
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200 Limerick Ave	25	1	59.5	60.3	66	0.8	15	----	60.3	0.0	7	-7.0
101 Brookfield Blvd	26	1	62.0	59.9	66	-2.1	15	----	59.9	0.0	7	-7.0
103 Brookfield Blvd	27	1	61.2	56.6	66	-4.6	15	----	56.6	0.0	7	-7.0
105 Brookfield Blvd	28	1	60.5	54.6	66	-5.9	15	----	54.6	0.0	7	-7.0
107 Brookfield Blvd	29	1	59.9	53.2	66	-6.7	15	----	53.2	0.0	7	-7.0
11 Brookfield Ct	30	1	59.5	49.7	66	-9.8	15	----	49.7	0.0	7	-7.0
15 Brookfield Ct	31	1	59.5	50.4	66	-9.1	15	----	50.4	0.0	7	-7.0
17 Brookfield Ct	32	1	59.5	50.7	66	-8.8	15	----	50.7	0.0	7	-7.0
19 Brookfield Ct	33	1	59.5	51.1	66	-8.4	15	----	51.1	0.0	7	-7.0
21 Brookfield Ct	34	1	59.5	52.0	66	-7.5	15	----	52.0	0.0	7	-7.0
23 Brookfield Ct	35	1	59.5	54.6	66	-4.9	15	----	54.6	0.0	7	-7.0
25 Brookfield Ct	36	1	59.5	58.0	66	-1.5	15	----	58.0	0.0	7	-7.0
27 Brookfield Ct	37	1	58.8	60.3	66	1.5	15	----	60.3	0.0	7	-7.0
29 Brookfield Ct	38	1	58.4	62.3	66	3.9	15	----	62.3	0.0	7	-7.0
31 Brookfield Ct	39	1	58.2	60.5	66	2.3	15	----	60.5	0.0	7	-7.0
33 Brookfield Ct	40	1	58.1	62.8	66	4.7	15	----	62.8	0.0	7	-7.0
35 Brookfield Ct	41	1	57.4	61.7	66	4.3	15	----	61.7	0.0	7	-7.0
37 Landon Way	42	1	56.0	64.5	66	8.5	15	----	64.5	0.0	7	-7.0
35 Landon Way	43	1	55.6	64.3	66	8.7	15	----	64.3	0.0	7	-7.0
33 Landon Way	44	1	55.3	63.9	66	8.6	15	----	63.9	0.0	7	-7.0
31 Landon Way	45	1	54.9	64.0	66	9.1	15	----	64.0	0.0	7	-7.0
29 Landon Way	46	1	54.6	63.4	66	8.8	15	----	63.4	0.0	7	-7.0
27 Landon Way	47	1	54.2	63.8	66	9.6	15	----	63.8	0.0	7	-7.0
157 Brookfield Blvd	48	1	54.0	64.1	66	10.1	15	----	64.1	0.0	7	-7.0
25 Landon Way	49	1	54.0	61.5	66	7.5	15	----	61.5	0.0	7	-7.0
23 Landon Way	50	1	53.7	58.5	66	4.8	15	----	58.5	0.0	7	-7.0
21 Landon Way	51	1	53.7	56.9	66	3.2	15	----	56.9	0.0	7	-7.0
145 Brookfield Blvd	52	1	54.0	49.7	66	-4.3	15	----	49.7	0.0	7	-7.0
22 Landon Way	53	1	54.2	51.5	66	-2.7	15	----	51.5	0.0	7	-7.0
24 Landon Way	54	1	54.6	51.4	66	-3.2	15	----	51.4	0.0	7	-7.0
26 Landon Way	55	1	54.9	51.6	66	-3.3	15	----	51.6	0.0	7	-7.0
28 Landon Way	56	1	55.3	52.0	66	-3.3	15	----	52.0	0.0	7	-7.0
30 Landon Way	57	1	55.6	52.4	66	-3.2	15	----	52.4	0.0	7	-7.0
32 Landon Way	58	1	56.0	52.7	66	-3.3	15	----	52.7	0.0	7	-7.0
34 Landon Way	59	1	56.3	53.0	66	-3.3	15	----	53.0	0.0	7	-7.0
26 Brookfield Ct	60	1	58.1	53.1	66	-5.0	15	----	53.1	0.0	7	-7.0
24 Brookfield Ct	61	1	58.2	52.4	66	-5.8	15	----	52.4	0.0	7	-7.0
22 Brookfield Ct	62	1	58.4	52.7	66	-5.7	15	----	52.7	0.0	7	-7.0
20 Brookfield Ct	63	1	58.8	52.8	66	-6.0	15	----	52.8	0.0	7	-7.0
12 Brookfield Ct	64	1	58.8	51.3	66	-7.5	15	----	51.3	0.0	7	-7.0
10 Brookfield Ct	65	1	58.8	50.6	66	-8.2	15	----	50.6	0.0	7	-7.0

RESULTS: SOUND LEVELS
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115 Brookfield Blvd	66	1	58.2	48.7	66	-9.5	15	----	48.7	0.0	7	-7.0
117 Brookfield Blvd	67	1	58.1	49.1	66	-9.0	15	----	49.1	0.0	7	-7.0
119 Brookfield Blvd	68	1	57.4	50.3	66	-7.1	15	----	50.3	0.0	7	-7.0
121 Brookfield Blvd	69	1	57.2	50.6	66	-6.6	15	----	50.6	0.0	7	-7.0
123 Brookfield Blvd	70	1	57.0	52.0	66	-5.0	15	----	52.0	0.0	7	-7.0
125 Brookfield Blvd	71	1	56.7	52.6	66	-4.1	15	----	52.6	0.0	7	-7.0
127 Brookfield Blvd	72	1	56.4	52.3	66	-4.1	15	----	52.3	0.0	7	-7.0
129 Brookfield Blvd	73	1	56.2	51.5	66	-4.7	15	----	51.5	0.0	7	-7.0
131 Brookfield Blvd	74	1	56.0	51.2	66	-4.8	15	----	51.2	0.0	7	-7.0
133 Brookfield Blvd	75	1	55.8	50.7	66	-5.1	15	----	50.7	0.0	7	-7.0
135 Brookfield Blvd	76	1	55.6	50.4	66	-5.2	15	----	50.4	0.0	7	-7.0
137 Brookfield Blvd	77	1	54.3	49.8	66	-4.5	15	----	49.8	0.0	7	-7.0
139 Brookfield Blvd	78	1	54.9	50.0	66	-4.9	15	----	50.0	0.0	7	-7.0
141 Brookfield Blvd	79	1	54.6	50.0	66	-4.6	15	----	50.0	0.0	7	-7.0
143 Brookfield Blvd	80	1	54.2	49.5	66	-4.7	15	----	49.5	0.0	7	-7.0
144 Brookfield Blvd	81	1	54.0	48.7	66	-5.3	15	----	48.7	0.0	7	-7.0
146 Brookfield Blvd	82	1	53.9	49.0	66	-4.9	15	----	49.0	0.0	7	-7.0
148 Brookfield Blvd	83	1	53.8	49.3	66	-4.5	15	----	49.3	0.0	7	-7.0
150 Brookfield Blvd	84	1	53.7	50.1	66	-3.6	15	----	50.1	0.0	7	-7.0
152 Brookfield Blvd	85	1	53.7	51.7	66	-2.0	15	----	51.7	0.0	7	-7.0
154 Brookfield Blvd	86	1	53.7	54.6	66	0.9	15	----	54.6	0.0	7	-7.0
156 Brookfield Blvd	87	1	53.7	56.8	66	3.1	15	----	56.8	0.0	7	-7.0
158 Brookfield Blvd	88	1	53.7	59.2	66	5.5	15	----	59.2	0.0	7	-7.0
160 Brookfield Blvd	89	1	53.7	65.1	66	11.4	15	----	65.1	0.0	7	-7.0
229 Sonnet Cir	90	1	53.7	50.3	66	-3.4	15	----	50.3	0.0	7	-7.0
230 Sonnet Cir	92	1	53.7	51.5	66	-2.2	15	----	51.5	0.0	7	-7.0
310 Sonnet Cir	93	1	53.6	52.7	66	-0.9	15	----	52.7	0.0	7	-7.0
308 Sonnet Cir	94	1	53.5	54.2	66	0.7	15	----	54.2	0.0	7	-7.0
306 Sonnet Cir	95	1	53.4	55.0	66	1.6	15	----	55.0	0.0	7	-7.0
304 Sonnet Cir	96	1	53.3	55.2	66	1.9	15	----	55.2	0.0	7	-7.0
302 Sonnet Cir	97	1	53.2	54.0	66	0.8	15	----	54.0	0.0	7	-7.0
300 Sonnet Cir	98	1	53.1	53.2	66	0.1	15	----	53.2	0.0	7	-7.0
23 Amesbury Ct	99	1	53.0	50.4	66	-2.6	15	----	50.4	0.0	7	-7.0
21 Amesbury Ct	100	1	53.0	51.7	66	-1.3	15	----	51.7	0.0	7	-7.0
299 Sonnet Cir	101	1	53.1	64.2	66	11.1	15	----	64.2	0.0	7	-7.0
297 Sonnet Cir	102	1	53.0	63.6	66	10.6	15	----	63.6	0.0	7	-7.0
295 Sonnet Cir	103	1	52.9	65.0	66	12.1	15	----	65.0	0.0	7	-7.0
293 Sonnet Cir	104	1	52.8	64.3	66	11.5	15	----	64.3	0.0	7	-7.0
291 Sonnet Cir	105	1	52.8	64.6	66	11.8	15	----	64.6	0.0	7	-7.0
22 Amesbury Ct	106	1	52.8	50.5	66	-2.3	15	----	50.5	0.0	7	-7.0
290 Sonnet Cir	107	1	52.8	51.1	66	-1.7	15	----	51.1	0.0	7	-7.0

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

286 Sonnet Cir	108	1	52.7	50.6	66	-2.1	15	----	50.6	0.0	7	-7.0
284 Sonnet Cir	109	1	52.6	49.6	66	-3.0	15	----	49.6	0.0	7	-7.0
289 Sonnet Cir	110	1	52.7	62.7	66	10.0	15	----	62.7	0.0	7	-7.0
287 Sonnet Cir	111	1	52.5	57.9	66	5.4	15	----	57.9	0.0	7	-7.0
285 Sonnet Cir	112	1	52.4	55.1	66	2.7	15	----	55.1	0.0	7	-7.0
283 Sonnet Cir	113	1	52.3	50.6	66	-1.7	15	----	50.6	0.0	7	-7.0
281 Sonnet Cir	114	1	52.3	48.2	66	-4.1	15	----	48.2	0.0	7	-7.0
211 Victoria Park	115	1	51.9	58.3	66	6.4	15	----	58.3	0.0	7	-7.0
213 Victoria Park	116	1	51.9	53.7	66	1.8	15	----	53.7	0.0	7	-7.0
215 Victoria Park	117	1	51.9	51.3	66	-0.6	15	----	51.3	0.0	7	-7.0
217 Victoria Park	118	1	51.9	49.6	66	-2.3	15	----	49.6	0.0	7	-7.0
219 Victoria Park	119	1	51.9	47.7	66	-4.2	15	----	47.7	0.0	7	-7.0
216 Victoria Park	120	1	51.9	47.7	66	-4.2	15	----	47.7	0.0	7	-7.0
214 Victoria Park	121	1	51.9	49.2	66	-2.7	15	----	49.2	0.0	7	-7.0
212 Victoria Park	122	1	51.9	50.3	66	-1.6	15	----	50.3	0.0	7	-7.0
204 Victoria Park	123	1	51.9	51.8	66	-0.1	15	----	51.8	0.0	7	-7.0
202 Victoria Park	124	1	51.9	52.3	66	0.4	15	----	52.3	0.0	7	-7.0
200 Victoria Park	125	1	51.9	52.8	66	0.9	15	----	52.8	0.0	7	-7.0
160 Central Park	126	1	51.9	53.4	66	1.5	15	----	53.4	0.0	7	-7.0
406 Tulleries	127	1	51.9	49.7	66	-2.2	15	----	49.7	0.0	7	-7.0
408 Tulleries	128	1	51.9	50.2	66	-1.7	15	----	50.2	0.0	7	-7.0
410 Tulleries	129	1	51.9	50.6	66	-1.3	15	----	50.6	0.0	7	-7.0
412 Tulleries	130	1	51.9	50.8	66	-1.1	15	----	50.8	0.0	7	-7.0
414 Tulleries	131	1	51.9	49.7	66	-2.2	15	----	49.7	0.0	7	-7.0
544 Forest Park	132	1	51.9	50.8	66	-1.1	15	----	50.8	0.0	7	-7.0
547 Forest Park	133	1	51.9	50.6	66	-1.3	15	----	50.6	0.0	7	-7.0
156 Central Park	134	1	51.9	54.1	66	2.2	15	----	54.1	0.0	7	-7.0
154 Central Park	135	1	51.9	53.6	66	1.7	15	----	53.6	0.0	7	-7.0
152 Central Park	136	1	51.9	53.2	66	1.3	15	----	53.2	0.0	7	-7.0
150 Central Park	137	1	52.0	52.8	66	0.8	15	----	52.8	0.0	7	-7.0
148 Central Park	138	1	52.0	51.6	66	-0.4	15	----	51.6	0.0	7	-7.0
146 Central Park	139	1	52.0	50.4	66	-1.6	15	----	50.4	0.0	7	-7.0
144 Central Park	140	1	52.0	49.5	66	-2.5	15	----	49.5	0.0	7	-7.0
142 Central Park	141	1	52.0	48.2	66	-3.8	15	----	48.2	0.0	7	-7.0
6 Olympic Park	142	1	52.0	59.8	66	7.8	15	----	59.8	0.0	7	-7.0
4 Olympic Park	143	1	52.0	59.7	66	7.7	15	----	59.7	0.0	7	-7.0
2 Olympic Park	144	1	52.0	55.6	66	3.6	15	----	55.6	0.0	7	-7.0
149 Central Park	145	1	52.0	58.8	66	6.8	15	----	58.8	0.0	7	-7.0
151 Central Park	146	1	52.0	61.9	66	9.9	15	----	61.9	0.0	7	-7.0
153 Central Park	147	1	52.0	61.4	66	9.4	15	----	61.4	0.0	7	-7.0
201 Victoria Park	148	1	51.9	63.5	66	11.6	15	----	63.5	0.0	7	-7.0

RESULTS: SOUND LEVELS
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203 Victoria Park	149	1	51.9	64.6	66	12.7	15	----	64.6	0.0	7	-7.0
205 Victoria Park	150	1	51.9	63.3	66	11.4	15	----	63.3	0.0	7	-7.0
207 Victoria Park	151	1	51.9	63.0	66	11.1	15	----	63.0	0.0	7	-7.0
209 Victoria Park	152	1	51.9	64.5	66	12.6	15	----	64.5	0.0	7	-7.0
223 Charging Bear	153	1	52.1	53.5	66	1.4	15	----	53.5	0.0	7	-7.0
221 Charging Bear	154	1	52.2	53.7	66	1.5	15	----	53.7	0.0	7	-7.0
219 Charging Bear	155	1	52.3	53.8	66	1.5	15	----	53.8	0.0	7	-7.0
217 Charging Bear	156	1	52.4	54.3	66	1.9	15	----	54.3	0.0	7	-7.0
215 Charging Bear	157	1	52.5	54.2	66	1.7	15	----	54.2	0.0	7	-7.0
211 Charging Bear	158	1	52.6	54.1	66	1.5	15	----	54.1	0.0	7	-7.0
209 Charging Bear	159	1	52.7	54.0	66	1.3	15	----	54.0	0.0	7	-7.0
207 Charging Bear	160	1	52.8	53.9	66	1.1	15	----	53.9	0.0	7	-7.0
205 Charging Bear	161	1	52.9	55.2	66	2.3	15	----	55.2	0.0	7	-7.0
203 Charging Bear	162	1	53.0	56.0	66	3.0	15	----	56.0	0.0	7	-7.0
201 Charging Bear	163	1	53.1	54.9	66	1.8	15	----	54.9	0.0	7	-7.0
2521 Bear Creek	164	1	53.1	57.4	66	4.3	15	----	57.4	0.0	7	-7.0
2522 Bear Creek	165	1	53.3	58.4	66	5.1	15	----	58.4	0.0	7	-7.0
2520 Bear Creek	166	1	53.4	53.0	66	-0.4	15	----	53.0	0.0	7	-7.0
2518 Bear Creek	167	1	53.5	50.4	66	-3.1	15	----	50.4	0.0	7	-7.0
2516 Bear Creek	168	1	53.6	48.5	66	-5.1	15	----	48.5	0.0	7	-7.0
2514 Bear Creek	169	1	53.7	47.7	66	-6.0	15	----	47.7	0.0	7	-7.0
178 Shadow Glen	170	1	51.9	44.6	66	-7.3	15	----	44.6	0.0	7	-7.0
180 Shadow Glen	171	1	51.9	44.9	66	-7.0	15	----	44.9	0.0	7	-7.0
182 Shadow Glen	172	1	51.9	44.7	66	-7.2	15	----	44.7	0.0	7	-7.0
184 Shadow Glen	173	1	51.9	45.0	66	-6.9	15	----	45.0	0.0	7	-7.0
200 Shadow Glen	174	1	51.9	45.3	66	-6.6	15	----	45.3	0.0	7	-7.0
202 Shadow Glen	175	1	52.0	46.0	66	-6.0	15	----	46.0	0.0	7	-7.0
204 Shadow Glen	176	1	52.0	46.4	66	-5.6	15	----	46.4	0.0	7	-7.0
206 Shadow Glen	177	1	52.0	47.7	66	-4.3	15	----	47.7	0.0	7	-7.0
208 Shadow Glen	178	1	52.0	48.6	66	-3.4	15	----	48.6	0.0	7	-7.0
210 Shadow Glen	179	1	52.0	50.2	66	-1.8	15	----	50.2	0.0	7	-7.0
138 Shadow Pointe	180	1	52.0	52.1	66	0.1	15	----	52.1	0.0	7	-7.0
140 Shadow Pointe	181	1	52.0	51.9	66	-0.1	15	----	51.9	0.0	7	-7.0
142 Shadow Pointe	182	1	52.0	51.5	66	-0.5	15	----	51.5	0.0	7	-7.0
144 Shadow Pointe	183	1	52.0	51.7	66	-0.3	15	----	51.7	0.0	7	-7.0
146 Shadow Pointe	184	1	51.9	51.8	66	-0.1	15	----	51.8	0.0	7	-7.0
148 Shadow Pointe	185	1	51.9	52.3	66	0.4	15	----	52.3	0.0	7	-7.0
150 Shadow Pointe	186	1	51.9	51.2	66	-0.7	15	----	51.2	0.0	7	-7.0
152 Shadow Pointe	187	1	51.9	51.2	66	-0.7	15	----	51.2	0.0	7	-7.0
154 Shadow Pointe	188	1	51.9	51.9	66	0.0	15	----	51.9	0.0	7	-7.0
156 Shadow Pointe	189	1	51.9	50.7	66	-1.2	15	----	50.7	0.0	7	-7.0

RESULTS: SOUND LEVELS
David Hoekel Pkwy - Wentzville, MO

158 Shadow Pointe	190	1	51.9	49.6	66	-2.3	15	----	49.6	0.0	7	-7.0
165 Shadow Pointe	191	1	51.9	48.7	66	-3.2	15	----	48.7	0.0	7	-7.0
163 Shadow Pointe	192	1	51.9	52.5	66	0.6	15	----	52.5	0.0	7	-7.0
161 Shadow Pointe	193	1	51.9	51.8	66	-0.1	15	----	51.8	0.0	7	-7.0
159 Shadow Pointe	194	1	51.9	54.5	66	2.6	15	----	54.5	0.0	7	-7.0
157 Shadow Pointe	195	1	51.9	55.3	66	3.4	15	----	55.3	0.0	7	-7.0
155 Shadow Pointe	196	1	51.9	56.9	66	5.0	15	----	56.9	0.0	7	-7.0
153 Shadow Pointe	197	1	51.9	58.4	66	6.5	15	----	58.4	0.0	7	-7.0
151 Shadow Pointe	198	1	51.9	59.1	66	7.2	15	----	59.1	0.0	7	-7.0
149 Shadow Pointe	199	1	51.9	60.1	66	8.2	15	----	60.1	0.0	7	-7.0
147 Shadow Pointe	200	1	52.0	61.8	66	9.8	15	----	61.8	0.0	7	-7.0
145 Shadow Pointe	201	1	52.0	62.9	66	10.9	15	----	62.9	0.0	7	-7.0
143 Shadow Pointe	202	1	52.0	63.2	66	11.2	15	----	63.2	0.0	7	-7.0
141 Shadow Pointe	203	1	52.0	62.9	66	10.9	15	----	62.9	0.0	7	-7.0
137 Shadow Pointe	204	1	52.0	62.7	66	10.7	15	----	62.7	0.0	7	-7.0
135 Shadow Pointe	205	1	52.0	62.5	66	10.5	15	----	62.5	0.0	7	-7.0
133 Shadow Pointe	206	1	52.0	61.5	66	9.5	15	----	61.5	0.0	7	-7.0
131 Shadow Pointe	207	1	52.0	54.6	66	2.6	15	----	54.6	0.0	7	-7.0
129 Shadow Pointe	208	1	52.0	49.7	66	-2.3	15	----	49.7	0.0	7	-7.0
127 Shadow Pointe	209	1	52.0	48.5	66	-3.5	15	----	48.5	0.0	7	-7.0
125 Shadow Pointe	210	1	52.0	48.3	66	-3.7	15	----	48.3	0.0	7	-7.0
627 N. Point Prairie Rd.	211	1	52.1	54.8	66	2.7	15	----	54.8	0.0	7	-7.0
2466 Meyer	212	1	54.9	51.9	66	-3.0	15	----	51.9	0.0	7	-7.0
2472 Meyer	213	1	54.9	62.6	66	7.7	15	----	62.6	0.0	7	-7.0
School 1	214	1	52.2	51.5	66	-0.7	15	----	51.5	0.0	7	-7.0
School 2	215	1	52.1	50.5	66	-1.6	15	----	50.5	0.0	7	-7.0
School 3	216	1	52.1	50.2	66	-1.9	15	----	50.2	0.0	7	-7.0
School 4	217	1	52.1	49.2	66	-2.9	15	----	49.2	0.0	7	-7.0
School 5	218	1	52.1	49.0	66	-3.1	15	----	49.0	0.0	7	-7.0
School 6	219	1	52.0	52.3	66	0.3	15	----	52.3	0.0	7	-7.0
School 7	220	1	52.0	51.6	66	-0.4	15	----	51.6	0.0	7	-7.0
School 8	221	1	52.0	50.2	66	-1.8	15	----	50.2	0.0	7	-7.0
5 Olympic Park	222	1	52.0	53.6	66	1.6	15	----	53.6	0.0	7	-7.0
145 Central Park	223	1	52.0	48.3	66	-3.7	15	----	48.3	0.0	7	-7.0
143 Central Park	224	1	52.0	46.3	66	-5.7	15	----	46.3	0.0	7	-7.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		223	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC				24 February 2021							
Analysis by: MDS				TNM 2.5							
INPUT: ROADWAYS											
PROJECT/CONTRACT:		David Hoekel Pkwy - Wentzville, MO								Average pavement type shall be used unless	
RUN:		Two-Lane Two-Way Traffic - 40 MPH								a State highway agency substantiates the use	
										of a different type with the approval of FHWA	
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control				Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Brookfield Blvd NB	12.0	point631	631	702,810.5	1,084,396.8	680.70				Average	
		point630	630	702,812.8	1,084,941.8	656.40				Average	
		point629	629	702,803.4	1,085,038.5	654.20				Average	
		point628	628	702,776.4	1,085,240.8	657.80				Average	
		point627	627	702,776.9	1,085,539.9	664.00				Average	
		point626	626	702,760.2	1,085,629.4	665.40				Average	
		point625	625	702,715.1	1,085,726.9	662.90				Average	
		point624	624	702,643.2	1,085,806.0	656.70				Average	
		point623	623	702,572.9	1,085,854.8	652.00				Average	
		point622	622	702,462.9	1,085,896.2	645.00				Average	
		point621	621	702,361.1	1,085,906.1	639.20					
Brookfield Blvd SB	12.0	point632	632	702,359.9	1,085,894.2	639.20				Average	
		point633	633	702,460.1	1,085,884.4	645.00				Average	
		point634	634	702,567.3	1,085,844.0	652.00				Average	
		point635	635	702,635.2	1,085,796.9	656.70				Average	
		point636	636	702,705.0	1,085,720.2	662.90				Average	
		point637	637	702,748.7	1,085,625.8	665.40				Average	
		point638	638	702,764.9	1,085,538.8	664.00				Average	
		point639	639	702,764.4	1,085,240.0	657.80				Average	
		point640	640	702,791.4	1,085,037.1	654.20				Average	
		point641	641	702,800.8	1,084,941.1	656.40				Average	
		point642	642	702,798.5	1,084,396.9	680.70					
Landon Way	24.0	point643	643	702,484.5	1,085,345.6	647.80				Average	
		point644	644	702,483.8	1,085,651.8	653.40				Average	
		point645	645	702,503.9	1,085,726.8	653.70				Average	

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

		point646	646	702,555.2	1,085,821.8	651.90					
Limerick NB	12.0	point657	657	701,988.1	1,084,397.4	672.90				Average	
		point656	656	701,992.8	1,084,571.8	676.20				Average	
		point655	655	702,005.2	1,084,626.5	677.40				Average	
		point654	654	702,037.5	1,084,672.4	678.40				Average	
		point653	653	702,075.4	1,084,724.8	678.40				Average	
		point652	652	702,088.8	1,084,788.2	677.10				Average	
		point651	651	702,087.2	1,085,543.4	640.30				Average	
		point650	650	702,082.1	1,085,582.9	638.20				Average	
		point649	649	702,067.0	1,085,619.8	636.40				Average	
		point648	648	701,976.9	1,085,779.2	630.40				Average	
		point647	647	701,911.3	1,085,895.4	633.00					
Limerick SB	12.0	point658	658	701,900.9	1,085,889.5	633.00				Average	
		point659	659	701,966.5	1,085,773.4	630.40				Average	
		point661	661	702,055.9	1,085,615.2	636.40				Average	
		point663	663	702,070.1	1,085,581.2	638.20				Average	
		point665	665	702,075.2	1,085,543.4	640.30				Average	
		point667	667	702,077.0	1,084,790.8	677.10				Average	
		point669	669	702,065.6	1,084,731.8	678.40				Average	
		point671	671	702,027.7	1,084,679.2	678.40				Average	
		point673	673	701,993.4	1,084,629.1	677.40				Average	
		point675	675	701,980.8	1,084,572.1	676.20				Average	
		point798	798	701,976.1	1,084,397.9	672.90					
Sonnet Cir NB	12.0	point689	689	701,813.1	1,085,871.6	635.70				Average	
		point688	688	701,921.7	1,085,919.4	632.80				Average	
		point687	687	702,008.6	1,086,000.1	630.10				Average	
		point686	686	702,064.2	1,086,105.0	627.90				Average	
		point685	685	702,082.2	1,086,222.2	628.20				Average	
		point684	684	702,086.1	1,086,332.1	630.20				Average	
		point683	683	702,101.1	1,086,441.1	632.30				Average	
		point682	682	702,127.1	1,086,548.0	632.20				Average	
		point681	681	702,163.8	1,086,651.8	629.10				Average	
		point680	680	702,174.8	1,086,725.9	627.90				Average	
		point679	679	702,149.9	1,086,796.6	628.20				Average	
		point678	678	702,094.9	1,086,847.6	630.50				Average	
		point677	677	702,022.4	1,086,867.0	634.30					
Sonnet Cir SB	12.0	point690	690	702,019.3	1,086,855.4	634.30				Average	
		point692	692	702,086.7	1,086,838.8	630.50				Average	
		point694	694	702,138.6	1,086,792.6	628.20				Average	

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

		point696	696	702,162.9	1,086,727.6	627.90				Average	
		point698	698	702,152.4	1,086,655.8	629.10				Average	
		point700	700	702,115.4	1,086,550.9	632.20				Average	
		point702	702	702,089.2	1,086,442.8	632.30				Average	
		point704	704	702,074.1	1,086,332.6	630.20				Average	
		point706	706	702,070.3	1,086,224.0	628.20				Average	
		point708	708	702,053.6	1,086,110.6	627.90				Average	
		point710	710	702,000.4	1,086,008.9	630.10				Average	
		point712	712	701,916.9	1,085,930.4	632.80				Average	
		point797	797	701,808.3	1,085,882.5	635.70					
Bear Creek Dr (W)	24.0	point714	714	702,099.4	1,086,269.5	629.30				Average	
		point715	715	702,184.6	1,086,267.0	623.80				Average	
		point716	716	702,202.6	1,086,265.4	622.10				Average	
		point717	717	702,230.7	1,086,261.1	620.30					
Bear Creek Dr (E)	24.0	point718	718	702,319.8	1,086,246.6	613.90				Average	
		point719	719	702,738.1	1,086,145.5	643.50					
Victoria Park/Central Park	24.0	point720	720	702,736.8	1,088,410.9	646.00				Average	
		point721	721	702,772.2	1,088,403.8	645.00				Average	
		point722	722	702,804.9	1,088,388.5	643.90				Average	
		point723	723	702,833.1	1,088,365.9	642.70				Average	
		point724	724	702,855.2	1,088,337.4	641.60				Average	
		point725	725	702,990.8	1,088,071.2	637.00				Average	
		point726	726	702,986.2	1,088,006.6	636.20				Average	
		point727	727	702,867.1	1,087,723.2	629.00				Average	
		point728	728	702,811.0	1,087,648.8	625.00				Average	
		point729	729	702,615.7	1,087,374.4	619.80				Average	
		point730	730	702,581.1	1,087,339.1	620.10				Average	
		point731	731	702,537.1	1,087,316.9	620.40				Average	
		point732	732	702,488.1	1,087,310.2	621.50				Average	
		point733	733	702,439.8	1,087,319.9	622.50				Average	
		point734	734	702,267.2	1,087,385.0	625.30					
Central Park (Spur)	55.0	point735	735	702,883.2	1,088,329.4	640.70				Average	
		point736	736	703,002.1	1,088,393.8	635.60					
Brookfield Ct	24.0	point788	788	702,480.6	1,084,971.0	652.10				Average	
		point789	789	702,500.1	1,084,887.6	656.00				Average	
		point790	790	702,518.8	1,084,842.0	658.20				Average	
		point791	791	702,551.1	1,084,805.0	659.70				Average	
		point792	792	702,593.6	1,084,780.4	660.70				Average	
		point793	793	702,641.9	1,084,770.8	661.80				Average	

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

		point794	794	702,787.9	1,084,770.0	664.70					
Brookfield Ct (Spur)	75.0	point795	795	702,510.1	1,084,809.1	658.90				Average	
		point796	796	702,480.1	1,084,785.1	660.10					
School Drive	36.0	point1279	1279	702,906.6	1,089,206.6	649.00				Average	
		point1280	1280	703,016.2	1,089,206.6	648.50				Average	
		point1281	1281	703,062.6	1,089,156.6	648.00				Average	
		point1282	1282	703,057.5	1,088,810.5	648.30				Average	
		point1283	1283	703,195.6	1,088,809.0	640.00					
Goodfellow WB	12.0	point1285	1285	702,871.0	1,084,348.2	681.00	Stop	0.00	100	Average	
		point1286	1286	702,621.9	1,084,353.2	684.80				Average	
		point1287	1287	702,475.9	1,084,356.2	685.90				Average	
		point1288	1288	702,329.8	1,084,359.2	686.20				Average	
		point1289	1289	702,249.1	1,084,359.9	683.30				Average	
		point1290	1290	701,920.6	1,084,368.6	669.50					
Goodfellow EB	12.0	point1297	1297	701,920.6	1,084,358.6	669.50	Stop	0.00	100	Average	
		point1296	1296	702,249.1	1,084,349.9	683.30				Average	
		point1295	1295	702,329.8	1,084,349.2	686.20				Average	
		point1294	1294	702,475.9	1,084,346.2	685.90				Average	
		point1293	1293	702,621.9	1,084,343.2	684.80				Average	
		point1292	1292	702,871.0	1,084,338.2	681.00					
Meyer Rd WB	12.0	point1299	1299	703,714.1	1,089,647.0	643.10				Average	
		point1300	1300	703,294.3	1,089,653.4	659.80				Average	
		point1301	1301	703,189.1	1,089,655.4	661.00				Average	
		point1302	1302	702,802.2	1,089,661.6	661.30					
Meyer Rd EB	12.0	point1306	1306	702,802.2	1,089,651.6	661.30				Average	
		point1305	1305	703,189.1	1,089,645.4	661.00				Average	
		point1304	1304	703,294.3	1,089,643.4	659.80				Average	
		point1303	1303	703,714.1	1,089,637.0	643.10					
DHP - NB Right	12.0	82+81.33	1307	702,308.4	1,084,364.2	680.90				Average	
		83+45.00	1308	702,307.8	1,084,428.5	679.70				Average	
		84+00.00	1309	702,307.1	1,084,483.5	678.40				Average	
		84+50.00	1310	702,306.6	1,084,533.5	677.10				Average	
		85+00.00	1311	702,306.0	1,084,583.5	675.60				Average	
		85+50.00	1312	702,305.4	1,084,633.5	673.80				Average	
		86+05.00	1313	702,304.8	1,084,688.5	671.70				Average	
		89+70.00	1314	702,300.6	1,085,053.5	656.60				Average	
		90+00.00	1315	702,300.3	1,085,083.5	655.40				Average	
		90+50.00	1316	702,299.8	1,085,133.5	653.60				Average	
		91+00.00	1317	702,299.2	1,085,183.5	651.90				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		91+50.00	1318	702,298.6	1,085,233.5	650.50				Average	
		92+00.00	1319	702,298.1	1,085,283.5	649.30				Average	
		92+30.00	1320	702,297.7	1,085,313.5	648.60				Average	
		97+03.00	1321	702,292.4	1,085,786.4	639.20				Average	
		97+75.00	1322	702,293.3	1,085,858.5	637.70				Average	
		98+00.00	1323	702,293.5	1,085,883.5	637.20				Average	
		98+50.00	1324	702,294.1	1,085,933.5	636.00				Average	
		99+00.00	1325	702,294.1	1,085,983.5	634.60				Average	
		99+50.00	1326	702,293.6	1,086,033.5	633.10				Average	
		100+00.00	1327	702,293.0	1,086,083.5	631.30				Average	
		100+50.00	1328	702,292.4	1,086,133.5	630.60				Average	
		101+00.00	1329	702,291.9	1,086,183.5	627.40				Average	
		101+46.90	1330	702,291.3	1,086,233.5	625.40				Average	
		102+00.00	1331	702,292.3	1,086,282.0	623.50				Average	
		102+50.00	1332	702,295.8	1,086,328.9	621.60				Average	
		103+00.00	1333	702,302.2	1,086,378.5	619.90				Average	
		103+50.00	1334	702,310.9	1,086,424.8	618.40				Average	
		104+00.00	1335	702,322.8	1,086,473.4	617.10				Average	
		104+50.00	1336	702,336.5	1,086,518.4	616.00				Average	
		105+00.00	1337	702,353.8	1,086,565.4	615.20				Average	
		105+50.00	1338	702,372.4	1,086,608.6	614.50				Average	
		106+00.00	1339	702,394.3	1,086,652.8	614.00				Average	
		106+50.00	1340	702,417.9	1,086,694.4	613.80				Average	
		107+00.00	1341	702,445.0	1,086,736.4	613.70				Average	
		107+60.00	1342	702,479.3	1,086,785.4	613.90				Average	
		118+14.41	1343	703,083.3	1,087,649.6	620.30				Average	
		118+50.00	1344	703,103.6	1,087,680.0	620.50				Average	
		119+00.00	1345	703,130.3	1,087,723.9	620.80				Average	
		119+50.00	1346	703,154.7	1,087,769.1	621.10				Average	
		120+00.00	1347	703,176.6	1,087,815.5	621.40				Average	
		120+50.00	1348	703,196.1	1,087,863.0	621.70				Average	
		121+00.00	1349	703,213.2	1,087,911.5	622.00				Average	
		121+50.00	1350	703,227.6	1,087,960.8	622.30				Average	
		122+00.00	1351	703,239.5	1,088,010.8	622.60				Average	
		122+50.00	1352	703,248.7	1,088,061.1	622.90				Average	
		123+00.00	1353	703,255.3	1,088,112.1	623.20				Average	
		123+50.00	1354	703,259.3	1,088,163.4	623.60				Average	
		124+00.00	1355	703,260.6	1,088,219.8	624.10				Average	
		124+50.00	1356	703,261.1	1,088,264.4	624.70				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		125+00.00	1357	703,261.6	1,088,314.4	625.50				Average	
		125+50.00	1358	703,262.1	1,088,364.4	626.40				Average	
		126+00.00	1359	703,262.6	1,088,414.4	627.50				Average	
		126+50.00	1360	703,263.2	1,088,464.4	628.70				Average	
		127+00.00	1361	703,263.7	1,088,514.4	630.10				Average	
		127+50.00	1362	703,264.3	1,088,564.4	631.60				Average	
		128+00.00	1363	703,264.8	1,088,614.4	633.20				Average	
		130+50.00	1364	703,267.4	1,088,864.4	641.70				Average	
		131+00.00	1365	703,267.9	1,088,914.2	643.30				Average	
		131+50.00	1366	703,268.4	1,088,964.2	645.00				Average	
		132+00.00	1367	703,269.0	1,089,014.2	646.50				Average	
		132+50.00	1368	703,269.5	1,089,064.2	647.90				Average	
		133+00.00	1369	703,270.0	1,089,114.2	649.20				Average	
		133+50.00	1370	703,270.6	1,089,164.2	650.40				Average	
		134+00.00	1371	703,271.1	1,089,214.2	651.50				Average	
		134+50.00	1372	703,271.6	1,089,264.2	652.60				Average	
		138+05.92	1373	703,275.4	1,089,620.0	659.70					
DHP - NB Left	12.0	138+05.92	1384	703,251.4	1,089,620.4	659.70				Average	
		136+32.82	1385	703,249.6	1,089,447.4	656.20				Average	
		134+50.00	1386	703,251.7	1,089,264.5	652.60				Average	
		134+00.00	1387	703,252.3	1,089,214.5	651.50				Average	
		133+50.00	1388	703,252.8	1,089,164.5	650.40				Average	
		133+00.00	1389	703,253.4	1,089,114.5	649.20				Average	
		132+50.00	1390	703,254.0	1,089,064.5	647.90				Average	
		132+00.00	1391	703,254.6	1,089,014.5	646.50				Average	
		131+50.00	1392	703,255.2	1,088,964.5	645.00				Average	
		131+00.00	1393	703,255.8	1,088,907.2	643.30				Average	
		130+50.00	1394	703,255.4	1,088,864.5	641.70				Average	
		128+00.00	1395	703,252.8	1,088,614.5	633.20				Average	
		127+50.00	1396	703,252.3	1,088,564.5	631.60				Average	
		127+00.00	1397	703,251.7	1,088,514.5	630.10				Average	
		126+50.00	1398	703,251.2	1,088,464.5	628.70				Average	
		126+00.00	1399	703,250.6	1,088,414.5	627.50				Average	
		125+50.00	1400	703,250.1	1,088,364.5	626.40				Average	
		125+00.00	1401	703,249.6	1,088,314.5	625.50				Average	
		124+50.00	1402	703,249.1	1,088,264.5	624.70				Average	
		124+00.00	1403	703,248.6	1,088,214.5	624.10				Average	
		123+50.00	1404	703,247.3	1,088,164.0	623.60				Average	
		123+00.00	1405	703,243.4	1,088,113.4	623.20				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		122+50.00	1406	703,236.9	1,088,063.0	622.90				Average	
		122+00.00	1407	703,227.8	1,088,013.1	622.60				Average	
		121+50.00	1408	703,216.0	1,087,963.8	622.30				Average	
		121+00.00	1409	703,201.8	1,087,915.1	622.00				Average	
		120+50.00	1410	703,184.9	1,087,867.2	621.70				Average	
		120+00.00	1411	703,165.6	1,087,820.4	621.40				Average	
		119+50.00	1412	703,143.9	1,087,774.5	621.10				Average	
		119+00.00	1413	703,118.1	1,087,730.9	620.80				Average	
		118+50.00	1414	703,088.1	1,087,690.0	620.50				Average	
		118+14.41	1415	703,066.9	1,087,661.1	620.30				Average	
		116+46.00	1416	702,967.1	1,087,525.4	619.30				Average	
		114+17.76	1417	702,836.4	1,087,338.2	617.90				Average	
		111+48.00	1418	702,691.5	1,087,110.1	616.30				Average	
		107+60.00	1419	702,469.4	1,086,792.2	613.90				Average	
		107+00.00	1420	702,435.1	1,086,743.1	613.70				Average	
		106+50.00	1421	702,408.0	1,086,701.1	613.80				Average	
		106+00.00	1422	702,383.5	1,086,658.9	614.00				Average	
		105+50.00	1423	702,358.8	1,086,615.9	614.50				Average	
		105+00.00	1424	702,335.8	1,086,572.5	615.20				Average	
		104+50.00	1425	702,316.0	1,086,526.6	616.00				Average	
		104+00.00	1426	702,300.1	1,086,479.6	617.10				Average	
		103+50.00	1427	702,287.7	1,086,431.1	618.40				Average	
		103+00.00	1428	702,278.5	1,086,382.2	619.90				Average	
		102+50.00	1429	702,272.0	1,086,332.6	621.60				Average	
		102+00.00	1430	702,268.4	1,086,283.1	623.50				Average	
		101+46.90	1431	702,267.3	1,086,233.1	625.40				Average	
		101+00.00	1432	702,267.9	1,086,183.2	627.40				Average	
		100+50.00	1433	702,268.4	1,086,133.2	630.60				Average	
		100+00.00	1434	702,269.0	1,086,083.2	631.30				Average	
		99+50.00	1435	702,270.3	1,086,033.2	633.10				Average	
		99+00.00	1436	702,272.3	1,085,983.2	634.60				Average	
		98+50.00	1437	702,274.3	1,085,933.2	636.00				Average	
		98+00.00	1438	702,276.4	1,085,883.2	637.20				Average	
		97+75.00	1439	702,277.4	1,085,858.2	637.70				Average	
		97+03.00	1440	702,280.4	1,085,786.2	639.20				Average	
		92+30.00	1441	702,285.7	1,085,313.4	648.60				Average	
		92+00.00	1442	702,286.1	1,085,283.4	649.30				Average	
		91+50.00	1443	702,286.6	1,085,233.4	650.50				Average	
		91+00.00	1444	702,287.2	1,085,183.4	651.90				Average	

INPUT: ROADWAYS**David Hoekel Pkwy - Wentzville, MO**

		90+50.00	1445	702,287.8	1,085,133.4	653.60				Average	
		90+00.00	1446	702,288.3	1,085,083.4	655.40				Average	
		89+70.00	1447	702,288.6	1,085,053.4	656.60				Average	
		86+05.00	1448	702,292.8	1,084,688.4	671.70				Average	
		85+50.00	1449	702,293.4	1,084,633.4	673.80				Average	
		85+00.00	1450	702,294.0	1,084,583.4	675.60				Average	
		84+50.00	1451	702,294.6	1,084,533.4	677.10				Average	
		84+00.00	1452	702,295.1	1,084,483.4	678.40				Average	
		83+45.00	1453	702,295.8	1,084,428.4	679.70				Average	
		82+81.33	1454	702,296.4	1,084,364.5	680.90					

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC				24 February 2021							
Analysis by: MDS				TNM 2.5							
INPUT: ROADWAYS											
PROJECT/CONTRACT:		David Hoekel Pkwy - Wentzville, MO								Average pavement type shall be used unless	
RUN:		Four-Lane Divided Traffic - 40 MPH								a State highway agency substantiates the use	
										of a different type with the approval of FHWA	
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control				Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Brookfield Blvd NB	12.0	point631	631	702,810.5	1,084,396.8	680.70				Average	
		point630	630	702,812.8	1,084,941.8	656.40				Average	
		point629	629	702,803.4	1,085,038.5	654.20				Average	
		point628	628	702,776.4	1,085,240.8	657.80				Average	
		point627	627	702,776.9	1,085,539.9	664.00				Average	
		point626	626	702,760.2	1,085,629.4	665.40				Average	
		point625	625	702,715.1	1,085,726.9	662.90				Average	
		point624	624	702,643.2	1,085,806.0	656.70				Average	
		point623	623	702,572.9	1,085,854.8	652.00				Average	
		point622	622	702,462.9	1,085,896.2	645.00				Average	
		point621	621	702,361.1	1,085,906.1	639.20					
Brookfield Blvd SB	12.0	point632	632	702,359.9	1,085,894.2	639.20				Average	
		point633	633	702,460.1	1,085,884.4	645.00				Average	
		point634	634	702,567.3	1,085,844.0	652.00				Average	
		point635	635	702,635.2	1,085,796.9	656.70				Average	
		point636	636	702,705.0	1,085,720.2	662.90				Average	
		point637	637	702,748.7	1,085,625.8	665.40				Average	
		point638	638	702,764.9	1,085,538.8	664.00				Average	
		point639	639	702,764.4	1,085,240.0	657.80				Average	
		point640	640	702,791.4	1,085,037.1	654.20				Average	
		point641	641	702,800.8	1,084,941.1	656.40				Average	
		point642	642	702,798.5	1,084,396.9	680.70					
Landon Way	24.0	point643	643	702,484.5	1,085,345.6	647.80				Average	
		point644	644	702,483.8	1,085,651.8	653.40				Average	
		point645	645	702,503.9	1,085,726.8	653.70				Average	

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

		point646	646	702,555.2	1,085,821.8	651.90					
Limerick NB	12.0	point657	657	701,988.1	1,084,397.4	672.90				Average	
		point656	656	701,992.8	1,084,571.8	676.20				Average	
		point655	655	702,005.2	1,084,626.5	677.40				Average	
		point654	654	702,037.5	1,084,672.4	678.40				Average	
		point653	653	702,075.4	1,084,724.8	678.40				Average	
		point652	652	702,088.8	1,084,788.2	677.10				Average	
		point651	651	702,087.2	1,085,543.4	640.30				Average	
		point650	650	702,082.1	1,085,582.9	638.20				Average	
		point649	649	702,067.0	1,085,619.8	636.40				Average	
		point648	648	701,976.9	1,085,779.2	630.40				Average	
		point647	647	701,911.3	1,085,895.4	633.00					
Limerick SB	12.0	point658	658	701,900.9	1,085,889.5	633.00				Average	
		point659	659	701,966.5	1,085,773.4	630.40				Average	
		point661	661	702,055.9	1,085,615.2	636.40				Average	
		point663	663	702,070.1	1,085,581.2	638.20				Average	
		point665	665	702,075.2	1,085,543.4	640.30				Average	
		point667	667	702,077.0	1,084,790.8	677.10				Average	
		point669	669	702,065.6	1,084,731.8	678.40				Average	
		point671	671	702,027.7	1,084,679.2	678.40				Average	
		point673	673	701,993.4	1,084,629.1	677.40				Average	
		point675	675	701,980.8	1,084,572.1	676.20				Average	
		point798	798	701,976.1	1,084,397.9	672.90					
Sonnet Cir NB	12.0	point689	689	701,813.1	1,085,871.6	635.70				Average	
		point688	688	701,921.7	1,085,919.4	632.80				Average	
		point687	687	702,008.6	1,086,000.1	630.10				Average	
		point686	686	702,064.2	1,086,105.0	627.90				Average	
		point685	685	702,082.2	1,086,222.2	628.20				Average	
		point684	684	702,086.1	1,086,332.1	630.20				Average	
		point683	683	702,101.1	1,086,441.1	632.30				Average	
		point682	682	702,127.1	1,086,548.0	632.20				Average	
		point681	681	702,163.8	1,086,651.8	629.10				Average	
		point680	680	702,174.8	1,086,725.9	627.90				Average	
		point679	679	702,149.9	1,086,796.6	628.20				Average	
		point678	678	702,094.9	1,086,847.6	630.50				Average	
		point677	677	702,022.4	1,086,867.0	634.30					
Sonnet Cir SB	12.0	point690	690	702,019.3	1,086,855.4	634.30				Average	
		point692	692	702,086.7	1,086,838.8	630.50				Average	
		point694	694	702,138.6	1,086,792.6	628.20				Average	

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

		point696	696	702,162.9	1,086,727.6	627.90				Average	
		point698	698	702,152.4	1,086,655.8	629.10				Average	
		point700	700	702,115.4	1,086,550.9	632.20				Average	
		point702	702	702,089.2	1,086,442.8	632.30				Average	
		point704	704	702,074.1	1,086,332.6	630.20				Average	
		point706	706	702,070.3	1,086,224.0	628.20				Average	
		point708	708	702,053.6	1,086,110.6	627.90				Average	
		point710	710	702,000.4	1,086,008.9	630.10				Average	
		point712	712	701,916.9	1,085,930.4	632.80				Average	
		point797	797	701,808.3	1,085,882.5	635.70					
Bear Creek Dr (W)	24.0	point714	714	702,099.4	1,086,269.5	629.30				Average	
		point715	715	702,184.6	1,086,267.0	623.80				Average	
		point716	716	702,202.6	1,086,265.4	622.10				Average	
		point717	717	702,230.7	1,086,261.1	620.30					
Bear Creek Dr (E)	24.0	point718	718	702,319.8	1,086,246.6	613.90				Average	
		point719	719	702,738.1	1,086,145.5	643.50					
Victoria Park/Central Park	24.0	point720	720	702,736.8	1,088,410.9	646.00				Average	
		point721	721	702,772.2	1,088,403.8	645.00				Average	
		point722	722	702,804.9	1,088,388.5	643.90				Average	
		point723	723	702,833.1	1,088,365.9	642.70				Average	
		point724	724	702,855.2	1,088,337.4	641.60				Average	
		point725	725	702,990.8	1,088,071.2	637.00				Average	
		point726	726	702,986.2	1,088,006.6	636.20				Average	
		point727	727	702,867.1	1,087,723.2	629.00				Average	
		point728	728	702,811.0	1,087,648.8	625.00				Average	
		point729	729	702,615.7	1,087,374.4	619.80				Average	
		point730	730	702,581.1	1,087,339.1	620.10				Average	
		point731	731	702,537.1	1,087,316.9	620.40				Average	
		point732	732	702,488.1	1,087,310.2	621.50				Average	
		point733	733	702,439.8	1,087,319.9	622.50				Average	
		point734	734	702,267.2	1,087,385.0	625.30					
Central Park (Spur)	55.0	point735	735	702,883.2	1,088,329.4	640.70				Average	
		point736	736	703,002.1	1,088,393.8	635.60					
Brookfield Ct	24.0	point788	788	702,480.6	1,084,971.0	652.10				Average	
		point789	789	702,500.1	1,084,887.6	656.00				Average	
		point790	790	702,518.8	1,084,842.0	658.20				Average	
		point791	791	702,551.1	1,084,805.0	659.70				Average	
		point792	792	702,593.6	1,084,780.4	660.70				Average	
		point793	793	702,641.9	1,084,770.8	661.80				Average	

INPUT: ROADWAYS
David Hoekel Pkwy - Wentzville, MO

		point794	794	702,787.9	1,084,770.0	664.70					
Brookfield Ct (Spur)	75.0	point795	795	702,510.1	1,084,809.1	658.90				Average	
		point796	796	702,480.1	1,084,785.1	660.10					
School Drive	36.0	point1279	1279	702,906.6	1,089,206.6	649.00				Average	
		point1280	1280	703,016.2	1,089,206.6	648.50				Average	
		point1281	1281	703,062.6	1,089,156.6	648.00				Average	
		point1282	1282	703,057.5	1,088,810.5	648.30				Average	
		point1283	1283	703,195.6	1,088,809.0	640.00					
Goodfellow WB	12.0	point1285	1285	702,871.0	1,084,348.2	681.00	Stop	0.00	100	Average	
		point1286	1286	702,621.9	1,084,353.2	684.80				Average	
		point1287	1287	702,475.9	1,084,356.2	685.90				Average	
		point1288	1288	702,329.8	1,084,359.2	686.20				Average	
		point1289	1289	702,249.1	1,084,359.9	683.30				Average	
		point1290	1290	701,920.6	1,084,368.6	669.50					
Goodfellow EB	12.0	point1297	1297	701,920.6	1,084,358.6	669.50	Stop	0.00	100	Average	
		point1296	1296	702,249.1	1,084,349.9	683.30				Average	
		point1295	1295	702,329.8	1,084,349.2	686.20				Average	
		point1294	1294	702,475.9	1,084,346.2	685.90				Average	
		point1293	1293	702,621.9	1,084,343.2	684.80				Average	
		point1292	1292	702,871.0	1,084,338.2	681.00					
Meyer Rd WB	12.0	point1299	1299	703,714.1	1,089,647.0	643.10				Average	
		point1300	1300	703,294.3	1,089,653.4	659.80				Average	
		point1301	1301	703,189.1	1,089,655.4	661.00				Average	
		point1302	1302	702,802.2	1,089,661.6	661.30					
Meyer Rd EB	12.0	point1306	1306	702,802.2	1,089,651.6	661.30				Average	
		point1305	1305	703,189.1	1,089,645.4	661.00				Average	
		point1304	1304	703,294.3	1,089,643.4	659.80				Average	
		point1303	1303	703,714.1	1,089,637.0	643.10					
DHP - NB Right	12.0	82+81.33	1307	702,308.4	1,084,364.2	680.90				Average	
		83+45.00	1308	702,307.8	1,084,428.5	679.70				Average	
		84+00.00	1309	702,307.1	1,084,483.5	678.40				Average	
		84+50.00	1310	702,306.6	1,084,533.5	677.10				Average	
		85+00.00	1311	702,306.0	1,084,583.5	675.60				Average	
		85+50.00	1312	702,305.4	1,084,633.5	673.80				Average	
		86+05.00	1313	702,304.8	1,084,688.5	671.70				Average	
		89+70.00	1314	702,300.6	1,085,053.5	656.60				Average	
		90+00.00	1315	702,300.3	1,085,083.5	655.40				Average	
		90+50.00	1316	702,299.8	1,085,133.5	653.60				Average	
		91+00.00	1317	702,299.2	1,085,183.5	651.90				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		91+50.00	1318	702,298.6	1,085,233.5	650.50				Average	
		92+00.00	1319	702,298.1	1,085,283.5	649.30				Average	
		92+30.00	1320	702,297.7	1,085,313.5	648.60				Average	
		97+03.00	1321	702,292.4	1,085,786.4	639.20				Average	
		97+75.00	1322	702,293.3	1,085,858.5	637.70				Average	
		98+00.00	1323	702,293.5	1,085,883.5	637.20				Average	
		98+50.00	1324	702,294.1	1,085,933.5	636.00				Average	
		99+00.00	1325	702,294.1	1,085,983.5	634.60				Average	
		99+50.00	1326	702,293.6	1,086,033.5	633.10				Average	
		100+00.00	1327	702,293.0	1,086,083.5	631.30				Average	
		100+50.00	1328	702,292.4	1,086,133.5	630.60				Average	
		101+00.00	1329	702,291.9	1,086,183.5	627.40				Average	
		101+46.90	1330	702,291.3	1,086,233.5	625.40				Average	
		102+00.00	1331	702,292.3	1,086,282.0	623.50				Average	
		102+50.00	1332	702,295.8	1,086,328.9	621.60				Average	
		103+00.00	1333	702,302.2	1,086,378.5	619.90				Average	
		103+50.00	1334	702,310.9	1,086,424.8	618.40				Average	
		104+00.00	1335	702,322.8	1,086,473.4	617.10				Average	
		104+50.00	1336	702,336.5	1,086,518.4	616.00				Average	
		105+00.00	1337	702,353.8	1,086,565.4	615.20				Average	
		105+50.00	1338	702,372.4	1,086,608.6	614.50				Average	
		106+00.00	1339	702,394.3	1,086,652.8	614.00				Average	
		106+50.00	1340	702,417.9	1,086,694.4	613.80				Average	
		107+00.00	1341	702,445.0	1,086,736.4	613.70				Average	
		107+60.00	1342	702,479.3	1,086,785.4	613.90				Average	
		118+14.41	1343	703,083.3	1,087,649.6	620.30				Average	
		118+50.00	1344	703,103.6	1,087,680.0	620.50				Average	
		119+00.00	1345	703,130.3	1,087,723.9	620.80				Average	
		119+50.00	1346	703,154.7	1,087,769.1	621.10				Average	
		120+00.00	1347	703,176.6	1,087,815.5	621.40				Average	
		120+50.00	1348	703,196.1	1,087,863.0	621.70				Average	
		121+00.00	1349	703,213.2	1,087,911.5	622.00				Average	
		121+50.00	1350	703,227.6	1,087,960.8	622.30				Average	
		122+00.00	1351	703,239.5	1,088,010.8	622.60				Average	
		122+50.00	1352	703,248.7	1,088,061.1	622.90				Average	
		123+00.00	1353	703,255.3	1,088,112.1	623.20				Average	
		123+50.00	1354	703,259.3	1,088,163.4	623.60				Average	
		124+00.00	1355	703,260.6	1,088,219.8	624.10				Average	
		124+50.00	1356	703,261.1	1,088,264.4	624.70				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		125+00.00	1357	703,261.6	1,088,314.4	625.50				Average	
		125+50.00	1358	703,262.1	1,088,364.4	626.40				Average	
		126+00.00	1359	703,262.6	1,088,414.4	627.50				Average	
		126+50.00	1360	703,263.2	1,088,464.4	628.70				Average	
		127+00.00	1361	703,263.7	1,088,514.4	630.10				Average	
		127+50.00	1362	703,264.3	1,088,564.4	631.60				Average	
		128+00.00	1363	703,264.8	1,088,614.4	633.20				Average	
		130+50.00	1364	703,267.4	1,088,864.4	641.70				Average	
		131+00.00	1365	703,267.9	1,088,914.2	643.30				Average	
		131+50.00	1366	703,268.4	1,088,964.2	645.00				Average	
		132+00.00	1367	703,269.0	1,089,014.2	646.50				Average	
		132+50.00	1368	703,269.5	1,089,064.2	647.90				Average	
		133+00.00	1369	703,270.0	1,089,114.2	649.20				Average	
		133+50.00	1370	703,270.6	1,089,164.2	650.40				Average	
		134+00.00	1371	703,271.1	1,089,214.2	651.50				Average	
		134+50.00	1372	703,271.6	1,089,264.2	652.60				Average	
		138+05.92	1373	703,275.4	1,089,620.0	659.70					
DHP - SB Left	12.0	138+05.92	1384	703,234.9	1,089,620.6	659.70				Average	
		136+32.82	1385	703,233.1	1,089,447.5	656.20				Average	
		134+50.00	1386	703,231.1	1,089,264.8	652.60				Average	
		134+00.00	1387	703,230.6	1,089,214.8	651.50				Average	
		133+50.00	1388	703,230.1	1,089,164.8	650.40				Average	
		133+00.00	1389	703,229.5	1,089,114.8	649.20				Average	
		132+50.00	1390	703,229.0	1,089,064.8	647.90				Average	
		132+00.00	1391	703,228.5	1,089,014.8	646.50				Average	
		131+50.00	1392	703,227.9	1,088,964.8	645.00				Average	
		131+00.00	1393	703,227.3	1,088,907.6	643.30				Average	
		130+50.00	1394	703,226.9	1,088,864.8	641.70				Average	
		128+00.00	1395	703,224.3	1,088,614.8	633.20				Average	
		127+50.00	1396	703,223.8	1,088,564.8	631.60				Average	
		127+00.00	1397	703,223.2	1,088,514.8	630.10				Average	
		126+50.00	1398	703,222.7	1,088,464.8	628.70				Average	
		126+00.00	1399	703,222.1	1,088,414.8	627.50				Average	
		125+50.00	1400	703,221.6	1,088,364.8	626.40				Average	
		125+00.00	1401	703,221.1	1,088,314.8	625.50				Average	
		124+50.00	1402	703,220.6	1,088,264.8	624.70				Average	
		124+00.00	1403	703,220.1	1,088,214.8	624.10				Average	
		123+50.00	1404	703,218.8	1,088,165.4	623.60				Average	
		123+00.00	1405	703,215.0	1,088,116.2	623.20				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		122+50.00	1406	703,208.7	1,088,067.4	622.90				Average	
		122+00.00	1407	703,199.8	1,088,019.0	622.60				Average	
		121+50.00	1408	703,188.4	1,087,971.1	622.30				Average	
		121+00.00	1409	703,174.6	1,087,923.9	622.00				Average	
		120+50.00	1410	703,158.3	1,087,877.4	621.70				Average	
		120+00.00	1411	703,139.6	1,087,831.9	621.40				Average	
		119+50.00	1412	703,118.5	1,087,787.4	621.10				Average	
		119+00.00	1413	703,095.2	1,087,744.0	620.80				Average	
		118+50.00	1414	703,069.6	1,087,702.0	620.50				Average	
		118+14.41	1415	703,050.0	1,087,672.9	620.30				Average	
		116+46.00	1416	702,953.6	1,087,534.9	619.30				Average	
		114+17.76	1417	702,822.8	1,087,347.8	617.90				Average	
		111+48.00	1418	702,668.2	1,087,126.4	616.30				Average	
		107+60.00	1419	702,446.1	1,086,808.6	613.90				Average	
		107+00.00	1420	702,411.6	1,086,759.2	613.70				Average	
		106+50.00	1421	702,383.6	1,086,715.9	613.80				Average	
		106+00.00	1422	702,358.9	1,086,672.5	614.00				Average	
		105+50.00	1423	702,336.0	1,086,626.5	614.50				Average	
		105+00.00	1424	702,316.1	1,086,580.4	615.20				Average	
		104+50.00	1425	702,298.5	1,086,532.5	616.00				Average	
		104+00.00	1426	702,283.8	1,086,484.1	617.10				Average	
		103+50.00	1427	702,271.6	1,086,434.6	618.40				Average	
		103+00.00	1428	702,262.3	1,086,384.9	619.90				Average	
		102+50.00	1429	702,255.6	1,086,334.4	621.60				Average	
		102+00.00	1430	702,251.8	1,086,283.9	623.50				Average	
		101+46.90	1431	702,250.8	1,086,233.0	625.40				Average	
		101+00.00	1432	702,251.4	1,086,183.0	627.40				Average	
		100+50.00	1433	702,251.9	1,086,133.0	630.60				Average	
		100+00.00	1434	702,252.5	1,086,083.1	631.30				Average	
		99+50.00	1435	702,253.1	1,086,033.0	633.10				Average	
		99+00.00	1436	702,253.6	1,085,983.0	634.60				Average	
		98+50.00	1437	702,254.2	1,085,933.0	636.00				Average	
		98+00.00	1438	702,254.8	1,085,883.0	637.20				Average	
		97+75.00	1439	702,255.1	1,085,858.0	637.70				Average	
		97+03.00	1440	702,255.9	1,085,786.0	639.20				Average	
		92+30.00	1441	702,261.2	1,085,313.1	648.60				Average	
		92+00.00	1442	702,261.6	1,085,283.1	649.30				Average	
		91+50.00	1443	702,262.1	1,085,233.1	650.50				Average	
		91+00.00	1444	702,262.7	1,085,183.1	651.90				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		90+50.00	1445	702,263.3	1,085,133.1	653.60				Average	
		90+00.00	1446	702,263.8	1,085,083.1	655.40				Average	
		89+70.00	1447	702,264.1	1,085,053.1	656.60				Average	
		86+05.00	1448	702,268.3	1,084,688.1	671.70				Average	
		85+50.00	1449	702,268.9	1,084,633.1	673.80				Average	
		85+00.00	1450	702,269.5	1,084,583.1	675.60				Average	
		84+50.00	1451	702,270.1	1,084,533.1	677.10				Average	
		84+00.00	1452	702,270.6	1,084,483.1	678.40				Average	
		83+45.00	1453	702,271.3	1,084,428.1	679.70				Average	
		82+81.33	1454	702,271.9	1,084,364.1	680.90					
DHP - SB Right	12.0	138+05.92	1455	703,222.9	1,089,620.8	659.70				Average	
		136+32.82	1456	703,221.1	1,089,447.6	656.20				Average	
		134+50.00	1457	703,219.1	1,089,264.9	652.60				Average	
		134+00.00	1458	703,218.6	1,089,214.9	651.50				Average	
		133+50.00	1459	703,218.1	1,089,164.9	650.40				Average	
		133+00.00	1460	703,217.5	1,089,114.9	649.20				Average	
		132+50.00	1461	703,217.0	1,089,064.9	647.90				Average	
		132+00.00	1462	703,216.5	1,089,014.9	646.50				Average	
		131+50.00	1463	703,215.9	1,088,964.9	645.00				Average	
		131+00.00	1464	703,215.3	1,088,907.8	643.30				Average	
		130+50.00	1465	703,214.9	1,088,864.9	641.70				Average	
		128+00.00	1466	703,212.3	1,088,614.9	633.20				Average	
		127+50.00	1467	703,211.8	1,088,564.9	631.60				Average	
		127+00.00	1468	703,211.2	1,088,514.9	630.10				Average	
		126+50.00	1469	703,210.7	1,088,464.9	628.70				Average	
		126+00.00	1470	703,210.1	1,088,414.9	627.50				Average	
		125+50.00	1471	703,209.6	1,088,364.9	626.40				Average	
		125+00.00	1472	703,209.1	1,088,314.9	625.50				Average	
		124+50.00	1473	703,208.6	1,088,264.9	624.70				Average	
		124+00.00	1474	703,208.1	1,088,214.9	624.10				Average	
		123+50.00	1475	703,206.8	1,088,166.0	623.60				Average	
		123+00.00	1476	703,203.1	1,088,117.5	623.20				Average	
		122+50.00	1477	703,196.8	1,088,069.2	622.90				Average	
		122+00.00	1478	703,188.1	1,088,021.5	622.60				Average	
		121+50.00	1479	703,176.9	1,087,974.2	622.30				Average	
		121+00.00	1480	703,163.2	1,087,927.5	622.00				Average	
		120+50.00	1481	703,147.1	1,087,881.6	621.70				Average	
		120+00.00	1482	703,128.6	1,087,836.8	621.40				Average	
		119+50.00	1483	703,107.8	1,087,792.8	621.10				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		119+00.00	1484	703,084.8	1,087,750.0	620.80				Average	
		118+50.00	1485	703,059.5	1,087,708.5	620.50				Average	
		118+14.41	1486	703,040.2	1,087,679.8	620.30				Average	
		116+46.00	1487	702,943.8	1,087,541.8	619.30				Average	
		114+17.76	1488	702,813.0	1,087,354.6	617.90				Average	
		111+48.00	1489	702,658.3	1,087,133.2	616.30				Average	
		107+60.00	1490	702,436.2	1,086,815.5	613.90				Average	
		107+00.00	1491	702,401.8	1,086,766.1	613.70				Average	
		106+50.00	1492	702,373.4	1,086,722.1	613.80				Average	
		106+00.00	1493	702,348.3	1,086,678.1	614.00				Average	
		105+50.00	1494	702,325.1	1,086,631.5	614.50				Average	
		105+00.00	1495	702,304.9	1,086,584.9	615.20				Average	
		104+50.00	1496	702,287.1	1,086,536.2	616.00				Average	
		104+00.00	1497	702,272.2	1,086,487.4	617.10				Average	
		103+50.00	1498	702,259.9	1,086,437.2	618.40				Average	
		103+00.00	1499	702,250.4	1,086,386.8	619.90				Average	
		102+50.00	1500	702,243.7	1,086,335.6	621.60				Average	
		102+00.00	1501	702,239.8	1,086,284.4	623.50				Average	
		101+46.90	1502	702,238.8	1,086,233.0	625.40				Average	
		101+00.00	1503	702,239.4	1,086,182.9	627.40				Average	
		100+50.00	1504	702,239.9	1,086,132.9	630.60				Average	
		100+00.00	1505	702,240.5	1,086,083.0	631.30				Average	
		99+50.00	1506	702,241.1	1,086,032.9	633.10				Average	
		99+00.00	1507	702,241.6	1,085,982.9	634.60				Average	
		98+50.00	1508	702,242.2	1,085,932.9	636.00				Average	
		98+00.00	1509	702,242.8	1,085,882.9	637.20				Average	
		97+75.00	1510	702,243.1	1,085,857.9	637.70				Average	
		97+03.00	1511	702,243.9	1,085,785.9	639.20				Average	
		92+30.00	1512	702,249.2	1,085,313.0	648.60				Average	
		92+00.00	1513	702,249.6	1,085,283.0	649.30				Average	
		91+50.00	1514	702,250.1	1,085,233.0	650.50				Average	
		91+00.00	1515	702,250.7	1,085,183.0	651.90				Average	
		90+50.00	1516	702,251.3	1,085,133.0	653.60				Average	
		90+00.00	1517	702,251.8	1,085,083.0	655.40				Average	
		89+70.00	1518	702,252.1	1,085,053.0	656.60				Average	
		86+05.00	1519	702,256.3	1,084,688.0	671.70				Average	
		85+50.00	1520	702,256.9	1,084,633.0	673.80				Average	
		85+00.00	1521	702,257.5	1,084,583.0	675.60				Average	
		84+50.00	1522	702,258.1	1,084,533.0	677.10				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		84+00.00	1523	702,258.6	1,084,483.0	678.40				Average	
		83+45.00	1524	702,259.3	1,084,428.0	679.70				Average	
		82+81.33	1525	702,259.9	1,084,364.0	680.90					
DHP - NB Left	12.0	82+81.33	1526	702,296.4	1,084,364.1	680.90				Average	
		83+45.00	1527	702,295.8	1,084,428.4	679.70				Average	
		84+00.00	1528	702,295.1	1,084,483.4	678.40				Average	
		84+50.00	1529	702,294.6	1,084,533.4	677.10				Average	
		85+00.00	1530	702,294.0	1,084,583.4	675.60				Average	
		85+50.00	1531	702,293.4	1,084,633.4	673.80				Average	
		86+05.00	1532	702,292.8	1,084,688.4	671.70				Average	
		89+70.00	1533	702,288.6	1,085,053.4	656.60				Average	
		90+00.00	1534	702,288.3	1,085,083.4	655.40				Average	
		90+50.00	1535	702,287.8	1,085,133.4	653.60				Average	
		91+00.00	1536	702,287.2	1,085,183.4	651.90				Average	
		91+50.00	1537	702,286.6	1,085,233.4	650.50				Average	
		92+00.00	1538	702,286.1	1,085,283.4	649.30				Average	
		92+30.00	1539	702,285.7	1,085,313.4	648.60				Average	
		97+03.00	1540	702,280.4	1,085,786.5	639.20				Average	
		97+75.00	1541	702,281.3	1,085,858.6	637.70				Average	
		98+00.00	1542	702,281.6	1,085,883.6	637.20				Average	
		98+50.00	1543	702,282.1	1,085,933.6	636.00				Average	
		99+00.00	1544	702,282.1	1,085,983.4	634.60				Average	
		99+50.00	1545	702,281.6	1,086,033.4	633.10				Average	
		100+00.00	1546	702,281.0	1,086,083.4	631.30				Average	
		100+50.00	1547	702,280.4	1,086,133.4	630.60				Average	
		101+00.00	1548	702,279.9	1,086,183.4	627.40				Average	
		101+46.90	1549	702,279.3	1,086,233.5	625.40				Average	
		102+00.00	1550	702,280.3	1,086,282.5	623.50				Average	
		102+50.00	1551	702,283.8	1,086,330.1	621.60				Average	
		103+00.00	1552	702,290.4	1,086,380.4	619.90				Average	
		103+50.00	1553	702,299.1	1,086,427.4	618.40				Average	
		104+00.00	1554	702,311.2	1,086,476.5	617.10				Average	
		104+50.00	1555	702,325.1	1,086,522.2	616.00				Average	
		105+00.00	1556	702,342.6	1,086,569.9	615.20				Average	
		105+50.00	1557	702,361.4	1,086,613.6	614.50				Average	
		106+00.00	1558	702,383.7	1,086,658.4	614.00				Average	
		106+50.00	1559	702,407.7	1,086,700.5	613.80				Average	
		107+00.00	1560	702,435.1	1,086,743.0	613.70				Average	
		107+60.00	1561	702,469.4	1,086,792.2	613.90				Average	

INPUT: ROADWAYS

David Hoekel Pkwy - Wentzville, MO

		118+14.41	1562	703,073.3	1,087,656.5	620.30				Average	
		118+50.00	1563	703,093.5	1,087,686.5	620.50				Average	
		119+00.00	1564	703,119.9	1,087,729.9	620.80				Average	
		119+50.00	1565	703,143.9	1,087,774.5	621.10				Average	
		120+00.00	1566	703,165.6	1,087,820.4	621.40				Average	
		120+50.00	1567	703,184.9	1,087,867.2	621.70				Average	
		121+00.00	1568	703,201.8	1,087,915.1	622.00				Average	
		121+50.00	1569	703,216.0	1,087,963.8	622.30				Average	
		122+00.00	1570	703,227.8	1,088,013.1	622.60				Average	
		122+50.00	1571	703,236.9	1,088,063.0	622.90				Average	
		123+00.00	1572	703,243.4	1,088,113.4	623.20				Average	
		123+50.00	1573	703,247.3	1,088,164.0	623.60				Average	
		124+00.00	1574	703,248.6	1,088,219.9	624.10				Average	
		124+50.00	1575	703,249.1	1,088,264.5	624.70				Average	
		125+00.00	1576	703,249.6	1,088,314.5	625.50				Average	
		125+50.00	1577	703,250.1	1,088,364.5	626.40				Average	
		126+00.00	1578	703,250.6	1,088,414.5	627.50				Average	
		126+50.00	1579	703,251.2	1,088,464.5	628.70				Average	
		127+00.00	1580	703,251.7	1,088,514.5	630.10				Average	
		127+50.00	1581	703,252.3	1,088,564.5	631.60				Average	
		128+00.00	1582	703,252.8	1,088,614.5	633.20				Average	
		130+50.00	1583	703,255.4	1,088,864.5	641.70				Average	
		131+00.00	1584	703,255.9	1,088,914.5	643.30				Average	
		131+50.00	1585	703,256.4	1,088,964.4	645.00				Average	
		132+00.00	1586	703,257.0	1,089,014.4	646.50				Average	
		132+50.00	1587	703,257.5	1,089,064.4	647.90				Average	
		133+00.00	1588	703,258.0	1,089,114.4	649.20				Average	
		133+50.00	1589	703,258.6	1,089,164.4	650.40				Average	
		134+00.00	1590	703,259.1	1,089,214.4	651.50				Average	
		134+50.00	1591	703,259.6	1,089,264.4	652.60				Average	
		138+05.92	1592	703,263.4	1,089,620.1	659.70					

INPUT: TRAFFIC FOR LAeq1h Volumes

David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC													
Analysis by: MDS													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:	David Hoekel Pkwy - Wentzville, MO												
RUN:	Two-Lane Two-Way Traffic - 40 MPH												
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos										
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Brookfield Blvd NB	point631	631	0	0	0	0	0	0	0	0	0	0	0
	point630	630	0	0	0	0	0	0	0	0	0	0	0
	point629	629	0	0	0	0	0	0	0	0	0	0	0
	point628	628	0	0	0	0	0	0	0	0	0	0	0
	point627	627	0	0	0	0	0	0	0	0	0	0	0
	point626	626	0	0	0	0	0	0	0	0	0	0	0
	point625	625	0	0	0	0	0	0	0	0	0	0	0
	point624	624	0	0	0	0	0	0	0	0	0	0	0
	point623	623	0	0	0	0	0	0	0	0	0	0	0
	point622	622	0	0	0	0	0	0	0	0	0	0	0
	point621	621											
Brookfield Blvd SB	point632	632	0	0	0	0	0	0	0	0	0	0	0
	point633	633	0	0	0	0	0	0	0	0	0	0	0
	point634	634	0	0	0	0	0	0	0	0	0	0	0
	point635	635	0	0	0	0	0	0	0	0	0	0	0
	point636	636	0	0	0	0	0	0	0	0	0	0	0
	point637	637	0	0	0	0	0	0	0	0	0	0	0
	point638	638	0	0	0	0	0	0	0	0	0	0	0
	point639	639	0	0	0	0	0	0	0	0	0	0	0
	point640	640	0	0	0	0	0	0	0	0	0	0	0
	point641	641	0	0	0	0	0	0	0	0	0	0	0
	point642	642											
Landon Way	point643	643	0	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	point644	644	0	0	0	0	0	0	0	0	0	0
	point645	645	0	0	0	0	0	0	0	0	0	0
	point646	646										
Limerick NB	point657	657	0	0	0	0	0	0	0	0	0	0
	point656	656	0	0	0	0	0	0	0	0	0	0
	point655	655	0	0	0	0	0	0	0	0	0	0
	point654	654	0	0	0	0	0	0	0	0	0	0
	point653	653	0	0	0	0	0	0	0	0	0	0
	point652	652	0	0	0	0	0	0	0	0	0	0
	point651	651	0	0	0	0	0	0	0	0	0	0
	point650	650	0	0	0	0	0	0	0	0	0	0
	point649	649	0	0	0	0	0	0	0	0	0	0
	point648	648	0	0	0	0	0	0	0	0	0	0
	point647	647										
Limerick SB	point658	658	0	0	0	0	0	0	0	0	0	0
	point659	659	0	0	0	0	0	0	0	0	0	0
	point661	661	0	0	0	0	0	0	0	0	0	0
	point663	663	0	0	0	0	0	0	0	0	0	0
	point665	665	0	0	0	0	0	0	0	0	0	0
	point667	667	0	0	0	0	0	0	0	0	0	0
	point669	669	0	0	0	0	0	0	0	0	0	0
	point671	671	0	0	0	0	0	0	0	0	0	0
	point673	673	0	0	0	0	0	0	0	0	0	0
	point675	675	0	0	0	0	0	0	0	0	0	0
	point798	798										
Sonnet Cir NB	point689	689	0	0	0	0	0	0	0	0	0	0
	point688	688	0	0	0	0	0	0	0	0	0	0
	point687	687	0	0	0	0	0	0	0	0	0	0
	point686	686	0	0	0	0	0	0	0	0	0	0
	point685	685	0	0	0	0	0	0	0	0	0	0
	point684	684	0	0	0	0	0	0	0	0	0	0
	point683	683	0	0	0	0	0	0	0	0	0	0
	point682	682	0	0	0	0	0	0	0	0	0	0
	point681	681	0	0	0	0	0	0	0	0	0	0
	point680	680	0	0	0	0	0	0	0	0	0	0
	point679	679	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	point678	678	0	0	0	0	0	0	0	0	0	0
	point677	677										
Sonnet Cir SB	point690	690	0	0	0	0	0	0	0	0	0	0
	point692	692	0	0	0	0	0	0	0	0	0	0
	point694	694	0	0	0	0	0	0	0	0	0	0
	point696	696	0	0	0	0	0	0	0	0	0	0
	point698	698	0	0	0	0	0	0	0	0	0	0
	point700	700	0	0	0	0	0	0	0	0	0	0
	point702	702	0	0	0	0	0	0	0	0	0	0
	point704	704	0	0	0	0	0	0	0	0	0	0
	point706	706	0	0	0	0	0	0	0	0	0	0
	point708	708	0	0	0	0	0	0	0	0	0	0
	point710	710	0	0	0	0	0	0	0	0	0	0
	point712	712	0	0	0	0	0	0	0	0	0	0
	point797	797										
Bear Creek Dr (W)	point714	714	0	0	0	0	0	0	0	0	0	0
	point715	715	0	0	0	0	0	0	0	0	0	0
	point716	716	0	0	0	0	0	0	0	0	0	0
	point717	717										
Bear Creek Dr (E)	point718	718	0	0	0	0	0	0	0	0	0	0
	point719	719										
Victoria Park/Central Park	point720	720	0	0	0	0	0	0	0	0	0	0
	point721	721	0	0	0	0	0	0	0	0	0	0
	point722	722	0	0	0	0	0	0	0	0	0	0
	point723	723	0	0	0	0	0	0	0	0	0	0
	point724	724	0	0	0	0	0	0	0	0	0	0
	point725	725	0	0	0	0	0	0	0	0	0	0
	point726	726	0	0	0	0	0	0	0	0	0	0
	point727	727	0	0	0	0	0	0	0	0	0	0
	point728	728	0	0	0	0	0	0	0	0	0	0
	point729	729	0	0	0	0	0	0	0	0	0	0
	point730	730	0	0	0	0	0	0	0	0	0	0
	point731	731	0	0	0	0	0	0	0	0	0	0
	point732	732	0	0	0	0	0	0	0	0	0	0
	point733	733	0	0	0	0	0	0	0	0	0	0
	point734	734										

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

Central Park (Spur)	point735	735	0	0	0	0	0	0	0	0	0	0
	point736	736										
Brookfield Ct	point788	788	0	0	0	0	0	0	0	0	0	0
	point789	789	0	0	0	0	0	0	0	0	0	0
	point790	790	0	0	0	0	0	0	0	0	0	0
	point791	791	0	0	0	0	0	0	0	0	0	0
	point792	792	0	0	0	0	0	0	0	0	0	0
	point793	793	0	0	0	0	0	0	0	0	0	0
	point794	794										
Brookfield Ct (Spur)	point795	795	0	0	0	0	0	0	0	0	0	0
	point796	796										
School Drive	point1279	1279	0	0	0	0	0	0	0	0	0	0
	point1280	1280	0	0	0	0	0	0	0	0	0	0
	point1281	1281	0	0	0	0	0	0	0	0	0	0
	point1282	1282	0	0	0	0	0	0	0	0	0	0
	point1283	1283										
Goodfellow WB	point1285	1285	448	30	9	30	0	0	0	0	0	0
	point1286	1286	448	30	9	30	0	0	0	0	0	0
	point1287	1287	448	30	9	30	0	0	0	0	0	0
	point1288	1288	404	30	8	30	0	0	0	0	0	0
	point1289	1289	404	30	8	30	0	0	0	0	0	0
	point1290	1290										
Goodfellow EB	point1297	1297	403	30	8	30	0	0	0	0	0	0
	point1296	1296	403	30	8	30	0	0	0	0	0	0
	point1295	1295	184	30	4	30	0	0	0	0	0	0
	point1294	1294	184	30	4	30	0	0	0	0	0	0
	point1293	1293	184	30	4	30	0	0	0	0	0	0
	point1292	1292										
Meyer Rd WB	point1299	1299	411	30	8	30	0	0	0	0	0	0
	point1300	1300	411	30	8	30	0	0	0	0	0	0
	point1301	1301	457	30	9	30	0	0	0	0	0	0
	point1302	1302										
Meyer Rd EB	point1306	1306	167	30	3	30	0	0	0	0	0	0
	point1305	1305	167	30	3	30	0	0	0	0	0	0
	point1304	1304	131	30	3	30	0	0	0	0	0	0
	point1303	1303										

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

DHP - NB Right	82+81.33	1307	916	40	19	40	0	0	0	0	0	0
	83+45.00	1308	916	40	19	40	0	0	0	0	0	0
	84+00.00	1309	916	40	19	40	0	0	0	0	0	0
	84+50.00	1310	916	40	19	40	0	0	0	0	0	0
	85+00.00	1311	916	40	19	40	0	0	0	0	0	0
	85+50.00	1312	916	40	19	40	0	0	0	0	0	0
	86+05.00	1313	916	40	19	40	0	0	0	0	0	0
	89+70.00	1314	916	40	19	40	0	0	0	0	0	0
	90+00.00	1315	916	40	19	40	0	0	0	0	0	0
	90+50.00	1316	916	40	19	40	0	0	0	0	0	0
	91+00.00	1317	916	40	19	40	0	0	0	0	0	0
	91+50.00	1318	916	40	19	40	0	0	0	0	0	0
	92+00.00	1319	916	40	19	40	0	0	0	0	0	0
	92+30.00	1320	916	40	19	40	0	0	0	0	0	0
	97+03.00	1321	916	40	19	40	0	0	0	0	0	0
	97+75.00	1322	916	40	19	40	0	0	0	0	0	0
	98+00.00	1323	916	40	19	40	0	0	0	0	0	0
	98+50.00	1324	916	40	19	40	0	0	0	0	0	0
	99+00.00	1325	916	40	19	40	0	0	0	0	0	0
	99+50.00	1326	916	40	19	40	0	0	0	0	0	0
	100+00.00	1327	916	40	19	40	0	0	0	0	0	0
	100+50.00	1328	916	40	19	40	0	0	0	0	0	0
	101+00.00	1329	916	40	19	40	0	0	0	0	0	0
	101+46.90	1330	916	40	19	40	0	0	0	0	0	0
	102+00.00	1331	916	40	19	40	0	0	0	0	0	0
	102+50.00	1332	916	40	19	40	0	0	0	0	0	0
	103+00.00	1333	916	40	19	40	0	0	0	0	0	0
	103+50.00	1334	916	40	19	40	0	0	0	0	0	0
	104+00.00	1335	916	40	19	40	0	0	0	0	0	0
	104+50.00	1336	916	40	19	40	0	0	0	0	0	0
	105+00.00	1337	916	40	19	40	0	0	0	0	0	0
	105+50.00	1338	916	40	19	40	0	0	0	0	0	0
	106+00.00	1339	916	40	19	40	0	0	0	0	0	0
	106+50.00	1340	916	40	19	40	0	0	0	0	0	0
	107+00.00	1341	916	40	19	40	0	0	0	0	0	0
	107+60.00	1342	916	40	19	40	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	118+14.41	1343	916	40	19	40	0	0	0	0	0	0
	118+50.00	1344	916	40	19	40	0	0	0	0	0	0
	119+00.00	1345	916	40	19	40	0	0	0	0	0	0
	119+50.00	1346	916	40	19	40	0	0	0	0	0	0
	120+00.00	1347	916	40	19	40	0	0	0	0	0	0
	120+50.00	1348	916	40	19	40	0	0	0	0	0	0
	121+00.00	1349	916	40	19	40	0	0	0	0	0	0
	121+50.00	1350	916	40	19	40	0	0	0	0	0	0
	122+00.00	1351	916	40	19	40	0	0	0	0	0	0
	122+50.00	1352	916	40	19	40	0	0	0	0	0	0
	123+00.00	1353	916	40	19	40	0	0	0	0	0	0
	123+50.00	1354	916	40	19	40	0	0	0	0	0	0
	124+00.00	1355	916	40	19	40	0	0	0	0	0	0
	124+50.00	1356	916	40	19	40	0	0	0	0	0	0
	125+00.00	1357	916	40	19	40	0	0	0	0	0	0
	125+50.00	1358	916	40	19	40	0	0	0	0	0	0
	126+00.00	1359	916	40	19	40	0	0	0	0	0	0
	126+50.00	1360	916	40	19	40	0	0	0	0	0	0
	127+00.00	1361	916	40	19	40	0	0	0	0	0	0
	127+50.00	1362	916	40	19	40	0	0	0	0	0	0
	128+00.00	1363	916	40	19	40	0	0	0	0	0	0
	130+50.00	1364	916	40	19	40	0	0	0	0	0	0
	131+00.00	1365	916	40	19	40	0	0	0	0	0	0
	131+50.00	1366	916	40	19	40	0	0	0	0	0	0
	132+00.00	1367	916	40	19	40	0	0	0	0	0	0
	132+50.00	1368	916	40	19	40	0	0	0	0	0	0
	133+00.00	1369	916	40	19	40	0	0	0	0	0	0
	133+50.00	1370	916	40	19	40	0	0	0	0	0	0
	134+00.00	1371	916	40	19	40	0	0	0	0	0	0
	134+50.00	1372	916	40	19	40	0	0	0	0	0	0
	138+05.92	1373										
DHP - NB Left	138+05.92	1384	514	40	10	40	0	0	0	0	0	0
	136+32.82	1385	514	40	10	40	0	0	0	0	0	0
	134+50.00	1386	514	40	10	40	0	0	0	0	0	0
	134+00.00	1387	514	40	10	40	0	0	0	0	0	0
	133+50.00	1388	514	40	10	40	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	133+00.00	1389	514	40	10	40	0	0	0	0	0	0
	132+50.00	1390	514	40	10	40	0	0	0	0	0	0
	132+00.00	1391	514	40	10	40	0	0	0	0	0	0
	131+50.00	1392	514	40	10	40	0	0	0	0	0	0
	131+00.00	1393	514	40	10	40	0	0	0	0	0	0
	130+50.00	1394	514	40	10	40	0	0	0	0	0	0
	128+00.00	1395	514	40	10	40	0	0	0	0	0	0
	127+50.00	1396	514	40	10	40	0	0	0	0	0	0
	127+00.00	1397	514	40	10	40	0	0	0	0	0	0
	126+50.00	1398	514	40	10	40	0	0	0	0	0	0
	126+00.00	1399	514	40	10	40	0	0	0	0	0	0
	125+50.00	1400	514	40	10	40	0	0	0	0	0	0
	125+00.00	1401	514	40	10	40	0	0	0	0	0	0
	124+50.00	1402	514	40	10	40	0	0	0	0	0	0
	124+00.00	1403	514	40	10	40	0	0	0	0	0	0
	123+50.00	1404	514	40	10	40	0	0	0	0	0	0
	123+00.00	1405	514	40	10	40	0	0	0	0	0	0
	122+50.00	1406	514	40	10	40	0	0	0	0	0	0
	122+00.00	1407	514	40	10	40	0	0	0	0	0	0
	121+50.00	1408	514	40	10	40	0	0	0	0	0	0
	121+00.00	1409	514	40	10	40	0	0	0	0	0	0
	120+50.00	1410	514	40	10	40	0	0	0	0	0	0
	120+00.00	1411	514	40	10	40	0	0	0	0	0	0
	119+50.00	1412	514	40	10	40	0	0	0	0	0	0
	119+00.00	1413	514	40	10	40	0	0	0	0	0	0
	118+50.00	1414	514	40	10	40	0	0	0	0	0	0
	118+14.41	1415	514	40	10	40	0	0	0	0	0	0
	116+46.00	1416	514	40	10	40	0	0	0	0	0	0
	114+17.76	1417	514	40	10	40	0	0	0	0	0	0
	111+48.00	1418	514	40	10	40	0	0	0	0	0	0
	107+60.00	1419	514	40	10	40	0	0	0	0	0	0
	107+00.00	1420	514	40	10	40	0	0	0	0	0	0
	106+50.00	1421	514	40	10	40	0	0	0	0	0	0
	106+00.00	1422	514	40	10	40	0	0	0	0	0	0
	105+50.00	1423	514	40	10	40	0	0	0	0	0	0
	105+00.00	1424	514	40	10	40	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	104+50.00	1425	514	40	10	40	0	0	0	0	0	0
	104+00.00	1426	514	40	10	40	0	0	0	0	0	0
	103+50.00	1427	514	40	10	40	0	0	0	0	0	0
	103+00.00	1428	514	40	10	40	0	0	0	0	0	0
	102+50.00	1429	514	40	10	40	0	0	0	0	0	0
	102+00.00	1430	514	40	10	40	0	0	0	0	0	0
	101+46.90	1431	514	40	10	40	0	0	0	0	0	0
	101+00.00	1432	514	40	10	40	0	0	0	0	0	0
	100+50.00	1433	514	40	10	40	0	0	0	0	0	0
	100+00.00	1434	514	40	10	40	0	0	0	0	0	0
	99+50.00	1435	514	40	10	40	0	0	0	0	0	0
	99+00.00	1436	514	40	10	40	0	0	0	0	0	0
	98+50.00	1437	514	40	10	40	0	0	0	0	0	0
	98+00.00	1438	514	40	10	40	0	0	0	0	0	0
	97+75.00	1439	514	40	10	40	0	0	0	0	0	0
	97+03.00	1440	514	40	10	40	0	0	0	0	0	0
	92+30.00	1441	514	40	10	40	0	0	0	0	0	0
	92+00.00	1442	514	40	10	40	0	0	0	0	0	0
	91+50.00	1443	514	40	10	40	0	0	0	0	0	0
	91+00.00	1444	514	40	10	40	0	0	0	0	0	0
	90+50.00	1445	514	40	10	40	0	0	0	0	0	0
	90+00.00	1446	514	40	10	40	0	0	0	0	0	0
	89+70.00	1447	514	40	10	40	0	0	0	0	0	0
	86+05.00	1448	514	40	10	40	0	0	0	0	0	0
	85+50.00	1449	514	40	10	40	0	0	0	0	0	0
	85+00.00	1450	514	40	10	40	0	0	0	0	0	0
	84+50.00	1451	514	40	10	40	0	0	0	0	0	0
	84+00.00	1452	514	40	10	40	0	0	0	0	0	0
	83+45.00	1453	514	40	10	40	0	0	0	0	0	0
	82+81.33	1454										

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC													
Analysis by: MDS													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:	David Hoekel Pkwy - Wentzville, MO												
RUN:	Four-Lane Divided Traffic - 40 MPH												
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos										
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Brookfield Blvd NB	point631	631	0	0	0	0	0	0	0	0	0	0	0
	point630	630	0	0	0	0	0	0	0	0	0	0	0
	point629	629	0	0	0	0	0	0	0	0	0	0	0
	point628	628	0	0	0	0	0	0	0	0	0	0	0
	point627	627	0	0	0	0	0	0	0	0	0	0	0
	point626	626	0	0	0	0	0	0	0	0	0	0	0
	point625	625	0	0	0	0	0	0	0	0	0	0	0
	point624	624	0	0	0	0	0	0	0	0	0	0	0
	point623	623	0	0	0	0	0	0	0	0	0	0	0
	point622	622	0	0	0	0	0	0	0	0	0	0	0
	point621	621											
Brookfield Blvd SB	point632	632	0	0	0	0	0	0	0	0	0	0	0
	point633	633	0	0	0	0	0	0	0	0	0	0	0
	point634	634	0	0	0	0	0	0	0	0	0	0	0
	point635	635	0	0	0	0	0	0	0	0	0	0	0
	point636	636	0	0	0	0	0	0	0	0	0	0	0
	point637	637	0	0	0	0	0	0	0	0	0	0	0
	point638	638	0	0	0	0	0	0	0	0	0	0	0
	point639	639	0	0	0	0	0	0	0	0	0	0	0
	point640	640	0	0	0	0	0	0	0	0	0	0	0
	point641	641	0	0	0	0	0	0	0	0	0	0	0
	point642	642											
Landon Way	point643	643	0	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	point644	644	0	0	0	0	0	0	0	0	0	0
	point645	645	0	0	0	0	0	0	0	0	0	0
	point646	646										
Limerick NB	point657	657	0	0	0	0	0	0	0	0	0	0
	point656	656	0	0	0	0	0	0	0	0	0	0
	point655	655	0	0	0	0	0	0	0	0	0	0
	point654	654	0	0	0	0	0	0	0	0	0	0
	point653	653	0	0	0	0	0	0	0	0	0	0
	point652	652	0	0	0	0	0	0	0	0	0	0
	point651	651	0	0	0	0	0	0	0	0	0	0
	point650	650	0	0	0	0	0	0	0	0	0	0
	point649	649	0	0	0	0	0	0	0	0	0	0
	point648	648	0	0	0	0	0	0	0	0	0	0
	point647	647										
Limerick SB	point658	658	0	0	0	0	0	0	0	0	0	0
	point659	659	0	0	0	0	0	0	0	0	0	0
	point661	661	0	0	0	0	0	0	0	0	0	0
	point663	663	0	0	0	0	0	0	0	0	0	0
	point665	665	0	0	0	0	0	0	0	0	0	0
	point667	667	0	0	0	0	0	0	0	0	0	0
	point669	669	0	0	0	0	0	0	0	0	0	0
	point671	671	0	0	0	0	0	0	0	0	0	0
	point673	673	0	0	0	0	0	0	0	0	0	0
	point675	675	0	0	0	0	0	0	0	0	0	0
	point798	798										
Sonnet Cir NB	point689	689	0	0	0	0	0	0	0	0	0	0
	point688	688	0	0	0	0	0	0	0	0	0	0
	point687	687	0	0	0	0	0	0	0	0	0	0
	point686	686	0	0	0	0	0	0	0	0	0	0
	point685	685	0	0	0	0	0	0	0	0	0	0
	point684	684	0	0	0	0	0	0	0	0	0	0
	point683	683	0	0	0	0	0	0	0	0	0	0
	point682	682	0	0	0	0	0	0	0	0	0	0
	point681	681	0	0	0	0	0	0	0	0	0	0
	point680	680	0	0	0	0	0	0	0	0	0	0
	point679	679	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	point678	678	0	0	0	0	0	0	0	0	0	0
	point677	677										
Sonnet Cir SB	point690	690	0	0	0	0	0	0	0	0	0	0
	point692	692	0	0	0	0	0	0	0	0	0	0
	point694	694	0	0	0	0	0	0	0	0	0	0
	point696	696	0	0	0	0	0	0	0	0	0	0
	point698	698	0	0	0	0	0	0	0	0	0	0
	point700	700	0	0	0	0	0	0	0	0	0	0
	point702	702	0	0	0	0	0	0	0	0	0	0
	point704	704	0	0	0	0	0	0	0	0	0	0
	point706	706	0	0	0	0	0	0	0	0	0	0
	point708	708	0	0	0	0	0	0	0	0	0	0
	point710	710	0	0	0	0	0	0	0	0	0	0
	point712	712	0	0	0	0	0	0	0	0	0	0
	point797	797										
Bear Creek Dr (W)	point714	714	0	0	0	0	0	0	0	0	0	0
	point715	715	0	0	0	0	0	0	0	0	0	0
	point716	716	0	0	0	0	0	0	0	0	0	0
	point717	717										
Bear Creek Dr (E)	point718	718	0	0	0	0	0	0	0	0	0	0
	point719	719										
Victoria Park/Central Park	point720	720	0	0	0	0	0	0	0	0	0	0
	point721	721	0	0	0	0	0	0	0	0	0	0
	point722	722	0	0	0	0	0	0	0	0	0	0
	point723	723	0	0	0	0	0	0	0	0	0	0
	point724	724	0	0	0	0	0	0	0	0	0	0
	point725	725	0	0	0	0	0	0	0	0	0	0
	point726	726	0	0	0	0	0	0	0	0	0	0
	point727	727	0	0	0	0	0	0	0	0	0	0
	point728	728	0	0	0	0	0	0	0	0	0	0
	point729	729	0	0	0	0	0	0	0	0	0	0
	point730	730	0	0	0	0	0	0	0	0	0	0
	point731	731	0	0	0	0	0	0	0	0	0	0
	point732	732	0	0	0	0	0	0	0	0	0	0
	point733	733	0	0	0	0	0	0	0	0	0	0
	point734	734										

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

Central Park (Spur)	point735	735	0	0	0	0	0	0	0	0	0	0
	point736	736										
Brookfield Ct	point788	788	0	0	0	0	0	0	0	0	0	0
	point789	789	0	0	0	0	0	0	0	0	0	0
	point790	790	0	0	0	0	0	0	0	0	0	0
	point791	791	0	0	0	0	0	0	0	0	0	0
	point792	792	0	0	0	0	0	0	0	0	0	0
	point793	793	0	0	0	0	0	0	0	0	0	0
	point794	794										
Brookfield Ct (Spur)	point795	795	0	0	0	0	0	0	0	0	0	0
	point796	796										
School Drive	point1279	1279	0	0	0	0	0	0	0	0	0	0
	point1280	1280	0	0	0	0	0	0	0	0	0	0
	point1281	1281	0	0	0	0	0	0	0	0	0	0
	point1282	1282	0	0	0	0	0	0	0	0	0	0
	point1283	1283										
Goodfellow WB	point1285	1285	448	30	9	30	0	0	0	0	0	0
	point1286	1286	448	30	9	30	0	0	0	0	0	0
	point1287	1287	448	30	9	30	0	0	0	0	0	0
	point1288	1288	404	30	8	30	0	0	0	0	0	0
	point1289	1289	404	30	8	30	0	0	0	0	0	0
	point1290	1290										
Goodfellow EB	point1297	1297	403	30	8	30	0	0	0	0	0	0
	point1296	1296	403	30	8	30	0	0	0	0	0	0
	point1295	1295	184	30	4	30	0	0	0	0	0	0
	point1294	1294	184	30	4	30	0	0	0	0	0	0
	point1293	1293	184	30	4	30	0	0	0	0	0	0
	point1292	1292										
Meyer Rd WB	point1299	1299	411	30	8	30	0	0	0	0	0	0
	point1300	1300	411	30	8	30	0	0	0	0	0	0
	point1301	1301	457	30	9	30	0	0	0	0	0	0
	point1302	1302										
Meyer Rd EB	point1306	1306	167	30	3	30	0	0	0	0	0	0
	point1305	1305	167	30	3	30	0	0	0	0	0	0
	point1304	1304	131	30	3	30	0	0	0	0	0	0
	point1303	1303										

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

DHP - NB Right	82+81.33	1307	544	40	11	40	0	0	3	40	3	40
	83+45.00	1308	544	40	11	40	0	0	3	40	3	40
	84+00.00	1309	544	40	11	40	0	0	3	40	3	40
	84+50.00	1310	544	40	11	40	0	0	3	40	3	40
	85+00.00	1311	544	40	11	40	0	0	3	40	3	40
	85+50.00	1312	544	40	11	40	0	0	3	40	3	40
	86+05.00	1313	544	40	11	40	0	0	3	40	3	40
	89+70.00	1314	544	40	11	40	0	0	3	40	3	40
	90+00.00	1315	544	40	11	40	0	0	3	40	3	40
	90+50.00	1316	544	40	11	40	0	0	3	40	3	40
	91+00.00	1317	544	40	11	40	0	0	3	40	3	40
	91+50.00	1318	544	40	11	40	0	0	3	40	3	40
	92+00.00	1319	544	40	11	40	0	0	3	40	3	40
	92+30.00	1320	544	40	11	40	0	0	3	40	3	40
	97+03.00	1321	544	40	11	40	0	0	3	40	3	40
	97+75.00	1322	544	40	11	40	0	0	3	40	3	40
	98+00.00	1323	544	40	11	40	0	0	3	40	3	40
	98+50.00	1324	544	40	11	40	0	0	3	40	3	40
	99+00.00	1325	544	40	11	40	0	0	3	40	3	40
	99+50.00	1326	544	40	11	40	0	0	3	40	3	40
	100+00.00	1327	544	40	11	40	0	0	3	40	3	40
	100+50.00	1328	544	40	11	40	0	0	3	40	3	40
	101+00.00	1329	544	40	11	40	0	0	3	40	3	40
	101+46.90	1330	544	40	11	40	0	0	3	40	3	40
	102+00.00	1331	544	40	11	40	0	0	3	40	3	40
	102+50.00	1332	544	40	11	40	0	0	3	40	3	40
	103+00.00	1333	544	40	11	40	0	0	3	40	3	40
	103+50.00	1334	544	40	11	40	0	0	3	40	3	40
	104+00.00	1335	544	40	11	40	0	0	3	40	3	40
	104+50.00	1336	544	40	11	40	0	0	3	40	3	40
	105+00.00	1337	544	40	11	40	0	0	3	40	3	40
	105+50.00	1338	544	40	11	40	0	0	3	40	3	40
	106+00.00	1339	544	40	11	40	0	0	3	40	3	40
	106+50.00	1340	544	40	11	40	0	0	3	40	3	40
	107+00.00	1341	544	40	11	40	0	0	3	40	3	40
	107+60.00	1342	544	40	11	40	0	0	3	40	3	40

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	118+14.41	1343	544	40	11	40	0	0	3	40	3	40
	118+50.00	1344	544	40	11	40	0	0	3	40	3	40
	119+00.00	1345	544	40	11	40	0	0	3	40	3	40
	119+50.00	1346	544	40	11	40	0	0	3	40	3	40
	120+00.00	1347	544	40	11	40	0	0	3	40	3	40
	120+50.00	1348	544	40	11	40	0	0	3	40	3	40
	121+00.00	1349	544	40	11	40	0	0	3	40	3	40
	121+50.00	1350	544	40	11	40	0	0	3	40	3	40
	122+00.00	1351	544	40	11	40	0	0	3	40	3	40
	122+50.00	1352	544	40	11	40	0	0	3	40	3	40
	123+00.00	1353	544	40	11	40	0	0	3	40	3	40
	123+50.00	1354	544	40	11	40	0	0	3	40	3	40
	124+00.00	1355	544	40	11	40	0	0	3	40	3	40
	124+50.00	1356	544	40	11	40	0	0	3	40	3	40
	125+00.00	1357	544	40	11	40	0	0	3	40	3	40
	125+50.00	1358	544	40	11	40	0	0	3	40	3	40
	126+00.00	1359	544	40	11	40	0	0	3	40	3	40
	126+50.00	1360	544	40	11	40	0	0	3	40	3	40
	127+00.00	1361	544	40	11	40	0	0	3	40	3	40
	127+50.00	1362	544	40	11	40	0	0	3	40	3	40
	128+00.00	1363	544	40	11	40	0	0	3	40	3	40
	130+50.00	1364	544	40	11	40	0	0	3	40	3	40
	131+00.00	1365	544	40	11	40	0	0	3	40	3	40
	131+50.00	1366	544	40	11	40	0	0	3	40	3	40
	132+00.00	1367	544	40	11	40	0	0	3	40	3	40
	132+50.00	1368	544	40	11	40	0	0	3	40	3	40
	133+00.00	1369	544	40	11	40	0	0	3	40	3	40
	133+50.00	1370	544	40	11	40	0	0	3	40	3	40
	134+00.00	1371	544	40	11	40	0	0	3	40	3	40
	134+50.00	1372	544	40	11	40	0	0	3	40	3	40
	138+05.92	1373										
DHP - SB Left	138+05.92	1384	203	40	4	40	0	0	1	40	1	40
	136+32.82	1385	203	40	4	40	0	0	1	40	1	40
	134+50.00	1386	203	40	4	40	0	0	1	40	1	40
	134+00.00	1387	203	40	4	40	0	0	1	40	1	40
	133+50.00	1388	203	40	4	40	0	0	1	40	1	40

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	133+00.00	1389	203	40	4	40	0	0	1	40	1	40
	132+50.00	1390	203	40	4	40	0	0	1	40	1	40
	132+00.00	1391	203	40	4	40	0	0	1	40	1	40
	131+50.00	1392	203	40	4	40	0	0	1	40	1	40
	131+00.00	1393	203	40	4	40	0	0	1	40	1	40
	130+50.00	1394	203	40	4	40	0	0	1	40	1	40
	128+00.00	1395	203	40	4	40	0	0	1	40	1	40
	127+50.00	1396	203	40	4	40	0	0	1	40	1	40
	127+00.00	1397	203	40	4	40	0	0	1	40	1	40
	126+50.00	1398	203	40	4	40	0	0	1	40	1	40
	126+00.00	1399	203	40	4	40	0	0	1	40	1	40
	125+50.00	1400	203	40	4	40	0	0	1	40	1	40
	125+00.00	1401	203	40	4	40	0	0	1	40	1	40
	124+50.00	1402	203	40	4	40	0	0	1	40	1	40
	124+00.00	1403	203	40	4	40	0	0	1	40	1	40
	123+50.00	1404	203	40	4	40	0	0	1	40	1	40
	123+00.00	1405	203	40	4	40	0	0	1	40	1	40
	122+50.00	1406	203	40	4	40	0	0	1	40	1	40
	122+00.00	1407	203	40	4	40	0	0	1	40	1	40
	121+50.00	1408	203	40	4	40	0	0	1	40	1	40
	121+00.00	1409	203	40	4	40	0	0	1	40	1	40
	120+50.00	1410	203	40	4	40	0	0	1	40	1	40
	120+00.00	1411	203	40	4	40	0	0	1	40	1	40
	119+50.00	1412	203	40	4	40	0	0	1	40	1	40
	119+00.00	1413	203	40	4	40	0	0	1	40	1	40
	118+50.00	1414	203	40	4	40	0	0	1	40	1	40
	118+14.41	1415	203	40	4	40	0	0	1	40	1	40
	116+46.00	1416	203	40	4	40	0	0	1	40	1	40
	114+17.76	1417	203	40	4	40	0	0	1	40	1	40
	111+48.00	1418	203	40	4	40	0	0	1	40	1	40
	107+60.00	1419	203	40	4	40	0	0	1	40	1	40
	107+00.00	1420	203	40	4	40	0	0	1	40	1	40
	106+50.00	1421	203	40	4	40	0	0	1	40	1	40
	106+00.00	1422	203	40	4	40	0	0	1	40	1	40
	105+50.00	1423	203	40	4	40	0	0	1	40	1	40
	105+00.00	1424	203	40	4	40	0	0	1	40	1	40

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	104+50.00	1425	203	40	4	40	0	0	1	40	1	40
	104+00.00	1426	203	40	4	40	0	0	1	40	1	40
	103+50.00	1427	203	40	4	40	0	0	1	40	1	40
	103+00.00	1428	203	40	4	40	0	0	1	40	1	40
	102+50.00	1429	203	40	4	40	0	0	1	40	1	40
	102+00.00	1430	203	40	4	40	0	0	1	40	1	40
	101+46.90	1431	203	40	4	40	0	0	1	40	1	40
	101+00.00	1432	203	40	4	40	0	0	1	40	1	40
	100+50.00	1433	203	40	4	40	0	0	1	40	1	40
	100+00.00	1434	203	40	4	40	0	0	1	40	1	40
	99+50.00	1435	203	40	4	40	0	0	1	40	1	40
	99+00.00	1436	203	40	4	40	0	0	1	40	1	40
	98+50.00	1437	203	40	4	40	0	0	1	40	1	40
	98+00.00	1438	203	40	4	40	0	0	1	40	1	40
	97+75.00	1439	203	40	4	40	0	0	1	40	1	40
	97+03.00	1440	203	40	4	40	0	0	1	40	1	40
	92+30.00	1441	203	40	4	40	0	0	1	40	1	40
	92+00.00	1442	203	40	4	40	0	0	1	40	1	40
	91+50.00	1443	203	40	4	40	0	0	1	40	1	40
	91+00.00	1444	203	40	4	40	0	0	1	40	1	40
	90+50.00	1445	203	40	4	40	0	0	1	40	1	40
	90+00.00	1446	203	40	4	40	0	0	1	40	1	40
	89+70.00	1447	203	40	4	40	0	0	1	40	1	40
	86+05.00	1448	203	40	4	40	0	0	1	40	1	40
	85+50.00	1449	203	40	4	40	0	0	1	40	1	40
	85+00.00	1450	203	40	4	40	0	0	1	40	1	40
	84+50.00	1451	203	40	4	40	0	0	1	40	1	40
	84+00.00	1452	203	40	4	40	0	0	1	40	1	40
	83+45.00	1453	203	40	4	40	0	0	1	40	1	40
	82+81.33	1454										
DHP - SB Right	138+05.92	1455	305	40	6	40	0	0	2	40	2	40
	136+32.82	1456	305	40	6	40	0	0	2	40	2	40
	134+50.00	1457	305	40	6	40	0	0	2	40	2	40
	134+00.00	1458	305	40	6	40	0	0	2	40	2	40
	133+50.00	1459	305	40	6	40	0	0	2	40	2	40
	133+00.00	1460	305	40	6	40	0	0	2	40	2	40

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	132+50.00	1461	305	40	6	40	0	0	2	40	2	40
	132+00.00	1462	305	40	6	40	0	0	2	40	2	40
	131+50.00	1463	305	40	6	40	0	0	2	40	2	40
	131+00.00	1464	305	40	6	40	0	0	2	40	2	40
	130+50.00	1465	305	40	6	40	0	0	2	40	2	40
	128+00.00	1466	305	40	6	40	0	0	2	40	2	40
	127+50.00	1467	305	40	6	40	0	0	2	40	2	40
	127+00.00	1468	305	40	6	40	0	0	2	40	2	40
	126+50.00	1469	305	40	6	40	0	0	2	40	2	40
	126+00.00	1470	305	40	6	40	0	0	2	40	2	40
	125+50.00	1471	305	40	6	40	0	0	2	40	2	40
	125+00.00	1472	305	40	6	40	0	0	2	40	2	40
	124+50.00	1473	305	40	6	40	0	0	2	40	2	40
	124+00.00	1474	305	40	6	40	0	0	2	40	2	40
	123+50.00	1475	305	40	6	40	0	0	2	40	2	40
	123+00.00	1476	305	40	6	40	0	0	2	40	2	40
	122+50.00	1477	305	40	6	40	0	0	2	40	2	40
	122+00.00	1478	305	40	6	40	0	0	2	40	2	40
	121+50.00	1479	305	40	6	40	0	0	2	40	2	40
	121+00.00	1480	305	40	6	40	0	0	2	40	2	40
	120+50.00	1481	305	40	6	40	0	0	2	40	2	40
	120+00.00	1482	305	40	6	40	0	0	2	40	2	40
	119+50.00	1483	305	40	6	40	0	0	2	40	2	40
	119+00.00	1484	305	40	6	40	0	0	2	40	2	40
	118+50.00	1485	305	40	6	40	0	0	2	40	2	40
	118+14.41	1486	305	40	6	40	0	0	2	40	2	40
	116+46.00	1487	305	40	6	40	0	0	2	40	2	40
	114+17.76	1488	305	40	6	40	0	0	2	40	2	40
	111+48.00	1489	305	40	6	40	0	0	2	40	2	40
	107+60.00	1490	305	40	6	40	0	0	2	40	2	40
	107+00.00	1491	305	40	6	40	0	0	2	40	2	40
	106+50.00	1492	305	40	6	40	0	0	2	40	2	40
	106+00.00	1493	305	40	6	40	0	0	2	40	2	40
	105+50.00	1494	305	40	6	40	0	0	2	40	2	40
	105+00.00	1495	305	40	6	40	0	0	2	40	2	40
	104+50.00	1496	305	40	6	40	0	0	2	40	2	40

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	104+00.00	1497	305	40	6	40	0	0	2	40	2	40
	103+50.00	1498	305	40	6	40	0	0	2	40	2	40
	103+00.00	1499	305	40	6	40	0	0	2	40	2	40
	102+50.00	1500	305	40	6	40	0	0	2	40	2	40
	102+00.00	1501	305	40	6	40	0	0	2	40	2	40
	101+46.90	1502	305	40	6	40	0	0	2	40	2	40
	101+00.00	1503	305	40	6	40	0	0	2	40	2	40
	100+50.00	1504	305	40	6	40	0	0	2	40	2	40
	100+00.00	1505	305	40	6	40	0	0	2	40	2	40
	99+50.00	1506	305	40	6	40	0	0	2	40	2	40
	99+00.00	1507	305	40	6	40	0	0	2	40	2	40
	98+50.00	1508	305	40	6	40	0	0	2	40	2	40
	98+00.00	1509	305	40	6	40	0	0	2	40	2	40
	97+75.00	1510	305	40	6	40	0	0	2	40	2	40
	97+03.00	1511	305	40	6	40	0	0	2	40	2	40
	92+30.00	1512	305	40	6	40	0	0	2	40	2	40
	92+00.00	1513	305	40	6	40	0	0	2	40	2	40
	91+50.00	1514	305	40	6	40	0	0	2	40	2	40
	91+00.00	1515	305	40	6	40	0	0	2	40	2	40
	90+50.00	1516	305	40	6	40	0	0	2	40	2	40
	90+00.00	1517	305	40	6	40	0	0	2	40	2	40
	89+70.00	1518	305	40	6	40	0	0	2	40	2	40
	86+05.00	1519	305	40	6	40	0	0	2	40	2	40
	85+50.00	1520	305	40	6	40	0	0	2	40	2	40
	85+00.00	1521	305	40	6	40	0	0	2	40	2	40
	84+50.00	1522	305	40	6	40	0	0	2	40	2	40
	84+00.00	1523	305	40	6	40	0	0	2	40	2	40
	83+45.00	1524	305	40	6	40	0	0	2	40	2	40
	82+81.33	1525										
DHP - NB Left	82+81.33	1526	362	40	8	40	0	0	2	40	2	40
	83+45.00	1527	362	40	8	40	0	0	2	40	2	40
	84+00.00	1528	362	40	8	40	0	0	2	40	2	40
	84+50.00	1529	362	40	8	40	0	0	2	40	2	40
	85+00.00	1530	362	40	8	40	0	0	2	40	2	40
	85+50.00	1531	362	40	8	40	0	0	2	40	2	40
	86+05.00	1532	362	40	8	40	0	0	2	40	2	40

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	89+70.00	1533	362	40	8	40	0	0	2	40	2	40
	90+00.00	1534	362	40	8	40	0	0	2	40	2	40
	90+50.00	1535	362	40	8	40	0	0	2	40	2	40
	91+00.00	1536	362	40	8	40	0	0	2	40	2	40
	91+50.00	1537	362	40	8	40	0	0	2	40	2	40
	92+00.00	1538	362	40	8	40	0	0	2	40	2	40
	92+30.00	1539	362	40	8	40	0	0	2	40	2	40
	97+03.00	1540	362	40	8	40	0	0	2	40	2	40
	97+75.00	1541	362	40	8	40	0	0	2	40	2	40
	98+00.00	1542	362	40	8	40	0	0	2	40	2	40
	98+50.00	1543	362	40	8	40	0	0	2	40	2	40
	99+00.00	1544	362	40	8	40	0	0	2	40	2	40
	99+50.00	1545	362	40	8	40	0	0	2	40	2	40
	100+00.00	1546	362	40	8	40	0	0	2	40	2	40
	100+50.00	1547	362	40	8	40	0	0	2	40	2	40
	101+00.00	1548	362	40	8	40	0	0	2	40	2	40
	101+46.90	1549	362	40	8	40	0	0	2	40	2	40
	102+00.00	1550	362	40	8	40	0	0	2	40	2	40
	102+50.00	1551	362	40	8	40	0	0	2	40	2	40
	103+00.00	1552	362	40	8	40	0	0	2	40	2	40
	103+50.00	1553	362	40	8	40	0	0	2	40	2	40
	104+00.00	1554	362	40	8	40	0	0	2	40	2	40
	104+50.00	1555	362	40	8	40	0	0	2	40	2	40
	105+00.00	1556	362	40	8	40	0	0	2	40	2	40
	105+50.00	1557	362	40	8	40	0	0	2	40	2	40
	106+00.00	1558	362	40	8	40	0	0	2	40	2	40
	106+50.00	1559	362	40	8	40	0	0	2	40	2	40
	107+00.00	1560	362	40	8	40	0	0	2	40	2	40
	107+60.00	1561	362	40	8	40	0	0	2	40	2	40
	118+14.41	1562	362	40	8	40	0	0	2	40	2	40
	118+50.00	1563	362	40	8	40	0	0	2	40	2	40
	119+00.00	1564	362	40	8	40	0	0	2	40	2	40
	119+50.00	1565	362	40	8	40	0	0	2	40	2	40
	120+00.00	1566	362	40	8	40	0	0	2	40	2	40
	120+50.00	1567	362	40	8	40	0	0	2	40	2	40
	121+00.00	1568	362	40	8	40	0	0	2	40	2	40

INPUT: TRAFFIC FOR LAeq1h Volumes
David Hoekel Pkwy - Wentzville, MO

	121+50.00	1569	362	40	8	40	0	0	2	40	2	40
	122+00.00	1570	362	40	8	40	0	0	2	40	2	40
	122+50.00	1571	362	40	8	40	0	0	2	40	2	40
	123+00.00	1572	362	40	8	40	0	0	2	40	2	40
	123+50.00	1573	362	40	8	40	0	0	2	40	2	40
	124+00.00	1574	362	40	8	40	0	0	2	40	2	40
	124+50.00	1575	362	40	8	40	0	0	2	40	2	40
	125+00.00	1576	362	40	8	40	0	0	2	40	2	40
	125+50.00	1577	362	40	8	40	0	0	2	40	2	40
	126+00.00	1578	362	40	8	40	0	0	2	40	2	40
	126+50.00	1579	362	40	8	40	0	0	2	40	2	40
	127+00.00	1580	362	40	8	40	0	0	2	40	2	40
	127+50.00	1581	362	40	8	40	0	0	2	40	2	40
	128+00.00	1582	362	40	8	40	0	0	2	40	2	40
	130+50.00	1583	362	40	8	40	0	0	2	40	2	40
	131+00.00	1584	362	40	8	40	0	0	2	40	2	40
	131+50.00	1585	362	40	8	40	0	0	2	40	2	40
	132+00.00	1586	362	40	8	40	0	0	2	40	2	40
	132+50.00	1587	362	40	8	40	0	0	2	40	2	40
	133+00.00	1588	362	40	8	40	0	0	2	40	2	40
	133+50.00	1589	362	40	8	40	0	0	2	40	2	40
	134+00.00	1590	362	40	8	40	0	0	2	40	2	40
	134+50.00	1591	362	40	8	40	0	0	2	40	2	40
	138+05.92	1592										

INPUT: RECEIVERS
David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC						14 April 2019					
Analysis by: MDS						TNM 2.5					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	David Hoekel Pkwy - Wentzville, MO										
RUN:	Four-lane Divided Traffic - 40 MPH										
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
201 Limerick Ave	1	1	702,009.2	1,084,700.0	678.52	4.92	59.50	66	15.0	7.0	Y
203 Limerick Ave	2	1	702,048.9	1,084,802.1	676.95	4.92	59.10	66	15.0	7.0	Y
205 Limerick Ave	3	1	702,048.3	1,084,872.9	673.58	4.92	58.80	66	15.0	7.0	Y
207 Limerick Ave	4	1	702,043.9	1,084,947.9	669.60	4.92	58.40	66	15.0	7.0	Y
209 Limerick Ave	5	1	702,044.5	1,085,017.9	666.48	4.92	58.10	66	15.0	7.0	Y
211 Limerick Ave	6	1	702,042.6	1,085,093.0	662.04	4.92	57.70	66	15.0	7.0	Y
213 Limerick Ave	7	1	702,040.1	1,085,156.1	658.23	4.92	57.40	66	15.0	7.0	Y
215 Limerick Ave	8	1	702,042.6	1,085,224.9	655.46	4.92	57.00	66	15.0	7.0	Y
217 Limerick Ave	9	1	702,043.9	1,085,293.0	652.39	4.92	56.70	66	15.0	7.0	Y
219 Limerick Ave	10	1	702,042.6	1,085,362.4	649.05	4.92	56.30	66	15.0	7.0	Y
221 Limerick Ave	11	1	702,043.3	1,085,431.8	645.28	4.92	56.00	66	15.0	7.0	Y
223 Limerick Ave	12	1	702,045.1	1,085,500.5	642.01	4.92	55.60	66	15.0	7.0	Y
225 Limerick Ave	13	1	702,035.1	1,085,580.6	637.85	4.92	55.30	66	15.0	7.0	Y
222 Limerick Ave	14	1	702,196.8	1,085,432.2	640.12	4.92	55.60	66	15.0	7.0	Y
220 Limerick Ave	15	1	702,196.2	1,085,367.2	643.13	4.92	56.00	66	15.0	7.0	Y
218 Limerick Ave	16	1	702,187.4	1,085,299.8	647.17	4.92	56.30	66	15.0	7.0	Y
216 Limerick Ave	17	1	702,185.5	1,085,228.5	649.73	4.92	56.70	66	15.0	7.0	Y
214 Limerick Ave	18	1	702,197.4	1,085,155.4	652.59	4.92	57.00	66	15.0	7.0	Y
212 Limerick Ave	19	1	702,190.5	1,085,086.0	657.05	4.92	57.40	66	15.0	7.0	Y
210 Limerick Ave	20	1	702,190.8	1,085,011.0	660.07	4.92	57.70	66	15.0	7.0	Y
208 Limerick Ave	21	1	702,187.0	1,084,941.0	664.21	4.92	58.10	66	15.0	7.0	Y
206 Limerick Ave	22	1	702,190.8	1,084,877.2	666.89	4.92	58.40	66	15.0	7.0	Y

INPUT: RECEIVERS**David Hoekel Pkwy - Wentzville, MO**

204 Limerick Ave	23	1	702,193.9	1,084,802.8	669.77	4.92	58.80	66	15.0	7.0	Y
202 Limerick Ave	24	1	702,178.8	1,084,721.4	672.74	4.92	59.10	66	15.0	7.0	Y
200 Limerick Ave	25	1	702,159.9	1,084,640.6	677.30	4.92	59.50	66	15.0	7.0	Y
101 Brookfield Blvd	26	1	702,694.6	1,084,435.8	680.27	4.92	62.00	66	15.0	7.0	Y
103 Brookfield Blvd	27	1	702,693.6	1,084,481.9	679.46	4.92	61.20	66	15.0	7.0	Y
105 Brookfield Blvd	28	1	702,703.4	1,084,531.9	678.29	4.92	60.50	66	15.0	7.0	Y
107 Brookfield Blvd	29	1	702,705.4	1,084,581.4	676.66	4.92	59.90	66	15.0	7.0	Y
11 Brookfield Ct	30	1	702,749.8	1,084,658.4	666.49	4.92	59.50	66	15.0	7.0	Y
15 Brookfield Ct	31	1	702,692.0	1,084,662.6	664.50	4.92	59.50	66	15.0	7.0	Y
17 Brookfield Ct	32	1	702,641.9	1,084,663.8	663.40	4.92	59.50	66	15.0	7.0	Y
19 Brookfield Ct	33	1	702,588.6	1,084,674.6	661.83	4.92	59.50	66	15.0	7.0	Y
21 Brookfield Ct	34	1	702,543.2	1,084,666.6	661.29	4.92	59.50	66	15.0	7.0	Y
23 Brookfield Ct	35	1	702,481.3	1,084,663.4	662.56	4.92	59.50	66	15.0	7.0	Y
25 Brookfield Ct	36	1	702,390.8	1,084,696.2	662.21	4.92	59.50	66	15.0	7.0	Y
27 Brookfield Ct	37	1	702,366.4	1,084,783.0	660.26	4.92	58.80	66	15.0	7.0	Y
29 Brookfield Ct	38	1	702,376.8	1,084,847.6	659.44	4.92	58.40	66	15.0	7.0	Y
31 Brookfield Ct	39	1	702,360.3	1,084,895.4	655.09	4.92	58.20	66	15.0	7.0	Y
33 Brookfield Ct	40	1	702,355.2	1,084,960.8	653.09	4.92	58.10	66	15.0	7.0	Y
35 Brookfield Ct	41	1	702,394.4	1,085,040.5	653.09	4.92	57.40	66	15.0	7.0	Y
37 Landon Way	42	1	702,359.6	1,085,405.9	643.70	4.92	56.00	66	15.0	7.0	Y
35 Landon Way	43	1	702,364.4	1,085,454.1	643.10	4.92	55.60	66	15.0	7.0	Y
33 Landon Way	44	1	702,369.8	1,085,498.1	644.41	4.92	55.30	66	15.0	7.0	Y
31 Landon Way	45	1	702,369.4	1,085,553.2	645.81	4.92	54.90	66	15.0	7.0	Y
29 Landon Way	46	1	702,375.2	1,085,603.4	646.47	4.92	54.60	66	15.0	7.0	Y
27 Landon Way	47	1	702,370.9	1,085,657.0	647.11	4.92	54.20	66	15.0	7.0	Y
157 Brookfield Blvd	48	1	702,347.2	1,085,752.2	640.50	4.92	54.00	66	15.0	7.0	Y
25 Landon Way	49	1	702,386.8	1,085,712.2	648.03	4.92	54.00	66	15.0	7.0	Y
23 Landon Way	50	1	702,408.7	1,085,772.0	647.18	4.92	53.70	66	15.0	7.0	Y
21 Landon Way	51	1	702,439.7	1,085,826.9	646.44	4.92	53.70	66	15.0	7.0	Y
145 Brookfield Blvd	52	1	702,572.0	1,085,723.5	655.13	4.92	54.00	66	15.0	7.0	Y
22 Landon Way	53	1	702,528.1	1,085,664.0	656.78	4.92	54.20	66	15.0	7.0	Y
24 Landon Way	54	1	702,525.1	1,085,598.8	654.86	4.92	54.60	66	15.0	7.0	Y
26 Landon Way	55	1	702,521.9	1,085,553.8	653.63	4.92	54.90	66	15.0	7.0	Y
28 Landon Way	56	1	702,524.4	1,085,506.5	652.59	4.92	55.30	66	15.0	7.0	Y
30 Landon Way	57	1	702,526.2	1,085,448.0	651.64	4.92	55.60	66	15.0	7.0	Y
32 Landon Way	58	1	702,536.6	1,085,403.2	650.51	4.92	56.00	66	15.0	7.0	Y

INPUT: RECEIVERS**David Hoekel Pkwy - Wentzville, MO**

34 Landon Way	59	1	702,545.3	1,085,348.5	649.85	4.92	56.30	66	15.0	7.0	Y
26 Brookfield Ct	60	1	702,544.3	1,084,991.1	654.71	4.92	58.10	66	15.0	7.0	Y
24 Brookfield Ct	61	1	702,554.4	1,084,944.2	656.24	4.92	58.20	66	15.0	7.0	Y
22 Brookfield Ct	62	1	702,543.3	1,084,871.4	659.27	4.92	58.40	66	15.0	7.0	Y
20 Brookfield Ct	63	1	702,616.4	1,084,817.0	664.47	4.92	58.80	66	15.0	7.0	Y
12 Brookfield Ct	64	1	702,688.8	1,084,804.0	664.88	4.92	58.80	66	15.0	7.0	Y
10 Brookfield Ct	65	1	702,737.8	1,084,805.8	665.49	4.92	58.80	66	15.0	7.0	Y
115 Brookfield Blvd	66	1	702,700.3	1,084,955.8	650.05	4.92	58.20	66	15.0	7.0	Y
117 Brookfield Blvd	67	1	702,696.4	1,085,000.5	649.16	4.92	58.10	66	15.0	7.0	Y
119 Brookfield Blvd	68	1	702,685.6	1,085,048.4	650.68	4.92	57.40	66	15.0	7.0	Y
121 Brookfield Blvd	69	1	702,674.1	1,085,097.4	648.43	4.92	57.20	66	15.0	7.0	Y
123 Brookfield Blvd	70	1	702,663.6	1,085,146.8	650.19	4.92	57.00	66	15.0	7.0	Y
125 Brookfield Blvd	71	1	702,662.1	1,085,205.2	651.65	4.92	56.70	66	15.0	7.0	Y
127 Brookfield Blvd	72	1	702,660.7	1,085,255.2	653.10	4.92	56.40	66	15.0	7.0	Y
129 Brookfield Blvd	73	1	702,665.1	1,085,307.6	652.81	4.92	56.20	66	15.0	7.0	Y
131 Brookfield Blvd	74	1	702,662.8	1,085,364.8	655.12	4.92	56.00	66	15.0	7.0	Y
133 Brookfield Blvd	75	1	702,664.9	1,085,418.1	656.11	4.92	55.80	66	15.0	7.0	Y
135 Brookfield Blvd	76	1	702,663.5	1,085,471.5	657.14	4.92	55.60	66	15.0	7.0	Y
137 Brookfield Blvd	77	1	702,669.3	1,085,517.6	658.51	4.92	54.30	66	15.0	7.0	Y
139 Brookfield Blvd	78	1	702,661.7	1,085,568.1	659.96	4.92	54.90	66	15.0	7.0	Y
141 Brookfield Blvd	79	1	702,637.9	1,085,612.9	658.43	4.92	54.60	66	15.0	7.0	Y
143 Brookfield Blvd	80	1	702,624.3	1,085,665.5	657.74	4.92	54.20	66	15.0	7.0	Y
144 Brookfield Blvd	81	1	702,744.5	1,085,735.6	665.90	4.92	54.00	66	15.0	7.0	Y
146 Brookfield Blvd	82	1	702,707.8	1,085,787.9	663.24	4.92	53.90	66	15.0	7.0	Y
148 Brookfield Blvd	83	1	702,671.4	1,085,825.0	660.76	4.92	53.80	66	15.0	7.0	Y
150 Brookfield Blvd	84	1	702,623.8	1,085,858.2	656.66	4.92	53.70	66	15.0	7.0	Y
152 Brookfield Blvd	85	1	702,571.2	1,085,890.2	654.13	4.92	53.70	66	15.0	7.0	Y
154 Brookfield Blvd	86	1	702,509.6	1,085,913.8	650.89	4.92	53.70	66	15.0	7.0	Y
156 Brookfield Blvd	87	1	702,458.4	1,085,928.1	647.91	4.92	53.70	66	15.0	7.0	Y
158 Brookfield Blvd	88	1	702,404.4	1,085,962.8	643.88	4.92	53.70	66	15.0	7.0	Y
160 Brookfield Blvd	89	1	702,346.0	1,085,984.9	640.02	4.92	53.70	66	15.0	7.0	Y
229 Sonnet Cir	90	1	701,895.1	1,085,781.9	628.60	4.92	53.70	66	15.0	7.0	Y
230 Sonnet Cir	92	1	701,865.4	1,085,937.1	633.95	4.92	53.70	66	15.0	7.0	Y
310 Sonnet Cir	93	1	701,932.9	1,085,984.4	631.75	4.92	53.60	66	15.0	7.0	Y
308 Sonnet Cir	94	1	701,984.0	1,086,046.2	630.10	4.92	53.50	66	15.0	7.0	Y
306 Sonnet Cir	95	1	702,022.4	1,086,127.6	628.17	4.92	53.40	66	15.0	7.0	Y

INPUT: RECEIVERS**David Hoekel Pkwy - Wentzville, MO**

304 Sonnet Cir	96	1	702,035.1	1,086,200.1	628.21	4.92	53.30	66	15.0	7.0	Y
302 Sonnet Cir	97	1	702,036.3	1,086,270.2	629.19	4.92	53.20	66	15.0	7.0	Y
300 Sonnet Cir	98	1	702,040.8	1,086,339.6	630.50	4.92	53.10	66	15.0	7.0	Y
23 Amesbury Ct	99	1	701,953.1	1,086,444.4	632.76	4.92	53.00	66	15.0	7.0	Y
21 Amesbury Ct	100	1	702,035.1	1,086,445.6	632.49	4.92	53.00	66	15.0	7.0	Y
299 Sonnet Cir	101	1	702,190.2	1,086,337.8	625.68	4.92	53.10	66	15.0	7.0	Y
297 Sonnet Cir	102	1	702,189.5	1,086,402.0	627.22	4.92	53.00	66	15.0	7.0	Y
295 Sonnet Cir	103	1	702,217.3	1,086,468.2	623.74	4.92	52.90	66	15.0	7.0	Y
293 Sonnet Cir	104	1	702,231.2	1,086,544.0	625.64	4.92	52.80	66	15.0	7.0	Y
291 Sonnet Cir	105	1	702,261.8	1,086,619.0	623.09	4.92	52.80	66	15.0	7.0	Y
22 Amesbury Ct	106	1	701,946.6	1,086,604.4	639.17	4.92	52.80	66	15.0	7.0	Y
290 Sonnet Cir	107	1	702,111.2	1,086,638.0	629.56	4.92	52.80	66	15.0	7.0	Y
286 Sonnet Cir	108	1	702,126.7	1,086,718.8	628.20	4.92	52.70	66	15.0	7.0	Y
284 Sonnet Cir	109	1	702,060.1	1,086,810.4	631.23	4.92	52.60	66	15.0	7.0	Y
289 Sonnet Cir	110	1	702,277.3	1,086,692.9	622.78	4.92	52.70	66	15.0	7.0	Y
287 Sonnet Cir	111	1	702,257.9	1,086,820.5	621.50	4.92	52.50	66	15.0	7.0	Y
285 Sonnet Cir	112	1	702,206.3	1,086,905.1	626.75	4.92	52.40	66	15.0	7.0	Y
283 Sonnet Cir	113	1	702,116.3	1,086,956.4	629.37	4.92	52.30	66	15.0	7.0	Y
281 Sonnet Cir	114	1	702,023.7	1,086,960.8	632.90	4.92	52.30	66	15.0	7.0	Y
211 Victoria Park	115	1	702,516.0	1,087,171.6	617.26	4.92	51.90	66	15.0	7.0	Y
213 Victoria Park	116	1	702,420.8	1,087,194.9	617.87	4.92	51.90	66	15.0	7.0	Y
215 Victoria Park	117	1	702,355.3	1,087,231.5	618.38	4.92	51.90	66	15.0	7.0	Y
217 Victoria Park	118	1	702,278.1	1,087,250.9	620.49	4.92	51.90	66	15.0	7.0	Y
219 Victoria Park	119	1	702,203.2	1,087,277.6	622.01	4.92	51.90	66	15.0	7.0	Y
216 Victoria Park	120	1	702,287.1	1,087,415.6	625.52	4.92	51.90	66	15.0	7.0	Y
214 Victoria Park	121	1	702,363.2	1,087,390.4	624.76	4.92	51.90	66	15.0	7.0	Y
212 Victoria Park	122	1	702,457.9	1,087,368.0	622.97	4.92	51.90	66	15.0	7.0	Y
204 Victoria Park	123	1	702,583.7	1,087,410.6	620.95	4.92	51.90	66	15.0	7.0	Y
202 Victoria Park	124	1	702,648.2	1,087,493.5	622.50	4.92	51.90	66	15.0	7.0	Y
200 Victoria Park	125	1	702,687.1	1,087,549.8	623.47	4.92	51.90	66	15.0	7.0	Y
160 Central Park	126	1	702,731.8	1,087,619.2	624.74	4.92	51.90	66	15.0	7.0	Y
406 Tulleries	127	1	702,451.4	1,087,504.5	629.59	4.92	51.90	66	15.0	7.0	Y
408 Tulleries	128	1	702,553.5	1,087,560.0	626.95	4.92	51.90	66	15.0	7.0	Y
410 Tulleries	129	1	702,587.6	1,087,638.2	630.46	4.92	51.90	66	15.0	7.0	Y
412 Tulleries	130	1	702,636.1	1,087,710.1	631.45	4.92	51.90	66	15.0	7.0	Y
414 Tulleries	131	1	702,668.3	1,087,801.0	632.00	4.92	51.90	66	15.0	7.0	Y

INPUT: RECEIVERS**David Hoekel Pkwy - Wentzville, MO**

544 Forest Park	132	1	702,730.3	1,087,962.5	644.68	4.92	51.90	66	15.0	7.0	Y
547 Forest Park	133	1	702,790.1	1,088,070.6	646.23	4.92	51.90	66	15.0	7.0	Y
156 Central Park	134	1	702,831.9	1,087,762.8	629.09	4.92	51.90	66	15.0	7.0	Y
154 Central Park	135	1	702,860.4	1,087,829.8	631.59	4.92	51.90	66	15.0	7.0	Y
152 Central Park	136	1	702,892.1	1,087,904.8	633.26	4.92	51.90	66	15.0	7.0	Y
150 Central Park	137	1	702,930.3	1,087,989.5	635.62	4.92	52.00	66	15.0	7.0	Y
148 Central Park	138	1	702,924.1	1,088,104.9	638.31	4.92	52.00	66	15.0	7.0	Y
146 Central Park	139	1	702,887.4	1,088,178.0	640.44	4.92	52.00	66	15.0	7.0	Y
144 Central Park	140	1	702,851.4	1,088,250.5	640.71	4.92	52.00	66	15.0	7.0	Y
142 Central Park	141	1	702,783.2	1,088,337.9	643.46	4.92	52.00	66	15.0	7.0	Y
6 Olympic Park	142	1	703,109.2	1,088,445.1	629.59	4.92	52.00	66	15.0	7.0	Y
4 Olympic Park	143	1	703,100.3	1,088,316.4	630.46	4.92	52.00	66	15.0	7.0	Y
2 Olympic Park	144	1	703,037.3	1,088,249.5	632.39	4.92	52.00	66	15.0	7.0	Y
149 Central Park	145	1	703,089.0	1,088,187.8	630.91	4.92	52.00	66	15.0	7.0	Y
151 Central Park	146	1	703,124.9	1,088,089.2	630.07	4.92	52.00	66	15.0	7.0	Y
153 Central Park	147	1	703,094.7	1,087,977.0	630.42	4.92	52.00	66	15.0	7.0	Y
201 Victoria Park	148	1	702,829.4	1,087,480.1	622.18	4.92	51.90	66	15.0	7.0	Y
203 Victoria Park	149	1	702,773.3	1,087,385.5	621.82	4.92	51.90	66	15.0	7.0	Y
205 Victoria Park	150	1	702,729.8	1,087,343.1	621.28	4.92	51.90	66	15.0	7.0	Y
207 Victoria Park	151	1	702,683.8	1,087,285.8	620.09	4.92	51.90	66	15.0	7.0	Y
209 Victoria Park	152	1	702,640.9	1,087,196.9	615.35	4.92	51.90	66	15.0	7.0	Y
223 Charging Bear	153	1	703,044.1	1,086,964.0	619.41	4.92	52.10	66	15.0	7.0	Y
221 Charging Bear	154	1	702,995.4	1,086,909.2	622.91	4.92	52.20	66	15.0	7.0	Y
219 Charging Bear	155	1	702,950.8	1,086,840.4	625.87	4.92	52.30	66	15.0	7.0	Y
217 Charging Bear	156	1	702,895.3	1,086,770.9	627.24	4.92	52.40	66	15.0	7.0	Y
215 Charging Bear	157	1	702,847.0	1,086,700.1	626.86	4.92	52.50	66	15.0	7.0	Y
211 Charging Bear	158	1	702,798.0	1,086,651.1	625.08	4.92	52.60	66	15.0	7.0	Y
209 Charging Bear	159	1	702,725.6	1,086,589.1	623.27	4.92	52.70	66	15.0	7.0	Y
207 Charging Bear	160	1	702,688.5	1,086,534.0	623.10	4.92	52.80	66	15.0	7.0	Y
205 Charging Bear	161	1	702,611.8	1,086,480.2	622.31	4.92	52.90	66	15.0	7.0	Y
203 Charging Bear	162	1	702,562.4	1,086,393.0	624.61	4.92	53.00	66	15.0	7.0	Y
201 Charging Bear	163	1	702,567.8	1,086,312.6	628.15	4.92	53.10	66	15.0	7.0	Y
2521 Bear Creek	164	1	702,496.1	1,086,323.1	624.07	4.92	53.10	66	15.0	7.0	Y
2522 Bear Creek	165	1	702,410.9	1,086,095.1	627.01	4.92	53.30	66	15.0	7.0	Y
2520 Bear Creek	166	1	702,506.0	1,086,075.2	632.52	4.92	53.40	66	15.0	7.0	Y
2518 Bear Creek	167	1	702,593.9	1,086,047.1	638.27	4.92	53.50	66	15.0	7.0	Y

INPUT: RECEIVERS**David Hoekel Pkwy - Wentzville, MO**

2516 Bear Creek	168	1	702,694.4	1,086,028.0	644.70	4.92	53.60	66	15.0	7.0	Y
2514 Bear Creek	169	1	702,759.3	1,086,001.0	648.44	4.92	53.70	66	15.0	7.0	Y
178 Shadow Glen	170	1	703,616.0	1,087,724.8	609.25	4.92	51.90	66	15.0	7.0	Y
180 Shadow Glen	171	1	703,615.4	1,087,791.0	610.46	4.92	51.90	66	15.0	7.0	Y
182 Shadow Glen	172	1	703,611.6	1,087,869.1	611.18	4.92	51.90	66	15.0	7.0	Y
184 Shadow Glen	173	1	703,612.3	1,087,938.0	612.99	4.92	51.90	66	15.0	7.0	Y
200 Shadow Glen	174	1	703,613.5	1,087,999.1	614.14	4.92	51.90	66	15.0	7.0	Y
202 Shadow Glen	175	1	703,610.1	1,088,076.1	615.90	4.92	52.00	66	15.0	7.0	Y
204 Shadow Glen	176	1	703,616.4	1,088,146.2	617.33	4.92	52.00	66	15.0	7.0	Y
206 Shadow Glen	177	1	703,619.6	1,088,215.6	620.73	4.92	52.00	66	15.0	7.0	Y
208 Shadow Glen	178	1	703,620.8	1,088,276.8	623.27	4.92	52.00	66	15.0	7.0	Y
210 Shadow Glen	179	1	703,614.5	1,088,356.2	626.17	4.92	52.00	66	15.0	7.0	Y
138 Shadow Pointe	180	1	703,484.9	1,088,276.0	622.94	4.92	52.00	66	15.0	7.0	Y
140 Shadow Pointe	181	1	703,484.3	1,088,216.8	622.99	4.92	52.00	66	15.0	7.0	Y
142 Shadow Pointe	182	1	703,482.4	1,088,144.1	623.05	4.92	52.00	66	15.0	7.0	Y
144 Shadow Pointe	183	1	703,478.0	1,088,069.8	623.77	4.92	52.00	66	15.0	7.0	Y
146 Shadow Pointe	184	1	703,478.3	1,088,003.1	624.36	4.92	51.90	66	15.0	7.0	Y
148 Shadow Pointe	185	1	703,474.9	1,087,932.9	625.20	4.92	51.90	66	15.0	7.0	Y
150 Shadow Pointe	186	1	703,474.3	1,087,866.0	622.09	4.92	51.90	66	15.0	7.0	Y
152 Shadow Pointe	187	1	703,471.1	1,087,792.8	620.53	4.92	51.90	66	15.0	7.0	Y
154 Shadow Pointe	188	1	703,469.2	1,087,727.1	620.43	4.92	51.90	66	15.0	7.0	Y
156 Shadow Pointe	189	1	703,471.1	1,087,658.4	616.27	4.92	51.90	66	15.0	7.0	Y
158 Shadow Pointe	190	1	703,468.6	1,087,589.6	612.33	4.92	51.90	66	15.0	7.0	Y
165 Shadow Pointe	191	1	703,402.4	1,087,362.5	608.03	4.92	51.90	66	15.0	7.0	Y
163 Shadow Pointe	192	1	703,346.3	1,087,442.6	612.62	4.92	51.90	66	15.0	7.0	Y
161 Shadow Pointe	193	1	703,312.2	1,087,531.6	611.51	4.92	51.90	66	15.0	7.0	Y
159 Shadow Pointe	194	1	703,307.8	1,087,609.1	613.99	4.92	51.90	66	15.0	7.0	Y
157 Shadow Pointe	195	1	703,322.3	1,087,674.1	616.70	4.92	51.90	66	15.0	7.0	Y
155 Shadow Pointe	196	1	703,320.4	1,087,749.9	619.98	4.92	51.90	66	15.0	7.0	Y
153 Shadow Pointe	197	1	703,318.5	1,087,823.6	622.50	4.92	51.90	66	15.0	7.0	Y
151 Shadow Pointe	198	1	703,326.7	1,087,888.0	623.58	4.92	51.90	66	15.0	7.0	Y
149 Shadow Pointe	199	1	703,331.1	1,087,958.0	625.18	4.92	51.90	66	15.0	7.0	Y
147 Shadow Pointe	200	1	703,326.1	1,088,030.0	625.45	4.92	52.00	66	15.0	7.0	Y
145 Shadow Pointe	201	1	703,324.2	1,088,103.1	626.53	4.92	52.00	66	15.0	7.0	Y
143 Shadow Pointe	202	1	703,326.7	1,088,161.9	625.08	4.92	52.00	66	15.0	7.0	Y
141 Shadow Pointe	203	1	703,333.0	1,088,243.9	623.92	4.92	52.00	66	15.0	7.0	Y

INPUT: RECEIVERS**David Hoekel Pkwy - Wentzville, MO**

137 Shadow Pointe	204	1	703,337.4	1,088,315.1	624.36	4.92	52.00	66	15.0	7.0	Y
135 Shadow Pointe	205	1	703,334.9	1,088,394.0	623.86	4.92	52.00	66	15.0	7.0	Y
133 Shadow Pointe	206	1	703,345.0	1,088,501.9	627.58	4.92	52.00	66	15.0	7.0	Y
131 Shadow Pointe	207	1	703,443.1	1,088,545.4	629.51	4.92	52.00	66	15.0	7.0	Y
129 Shadow Pointe	208	1	703,541.9	1,088,553.8	628.67	4.92	52.00	66	15.0	7.0	Y
127 Shadow Pointe	209	1	703,611.4	1,088,557.0	630.23	4.92	52.00	66	15.0	7.0	Y
125 Shadow Pointe	210	1	703,680.9	1,088,554.8	634.61	4.92	52.00	66	15.0	7.0	Y
627 N. Point Prairie Rd.	211	1	703,477.1	1,088,762.2	642.81	4.92	52.10	66	15.0	7.0	Y
2466 Meyer	212	1	703,541.1	1,089,362.8	652.05	4.92	54.90	66	15.0	7.0	Y
2472 Meyer	213	1	703,343.6	1,089,440.1	657.96	4.92	54.90	66	15.0	7.0	Y
School 1	214	1	702,954.9	1,089,175.1	650.05	4.92	52.20	66	15.0	7.0	Y
School 2	215	1	702,953.5	1,089,097.6	648.73	4.92	52.10	66	15.0	7.0	Y
School 3	216	1	702,979.6	1,089,023.4	647.39	4.92	52.10	66	15.0	7.0	Y
School 4	217	1	702,981.0	1,088,928.4	645.65	4.92	52.10	66	15.0	7.0	Y
School 5	218	1	702,978.3	1,088,833.4	643.83	4.92	52.10	66	15.0	7.0	Y
School 6	219	1	703,073.6	1,088,738.4	640.94	4.92	52.00	66	15.0	7.0	Y
School 7	220	1	703,074.5	1,088,706.5	640.57	4.92	52.00	66	15.0	7.0	Y
School 8	221	1	703,074.3	1,088,677.4	638.67	4.92	52.00	66	15.0	7.0	Y
5 Olympic Park	222	1	703,019.0	1,088,525.9	633.47	4.92	52.00	66	15.0	7.0	Y
145 Central Park	223	1	702,891.6	1,088,512.6	636.29	4.92	52.00	66	15.0	7.0	Y
143 Central Park	224	1	702,790.1	1,088,513.2	639.38	4.92	52.00	66	15.0	7.0	Y

INPUT: BUILDING ROWS
David Hoekel Pkwy - Wentzville, MO

Merge Midwest Engineering, LLC					14 April 2019	
Analysis by: MDS					TNM 2.5	
INPUT: BUILDING ROWS						
PROJECT/CONTRACT:	David Hoekel Pkwy - Wentzville, MO					
RUN:	Four-lane Divided Traffic - 40 M					
Building Row			Points			
Name	Average Height	Building Percent	No.	Coordinates (ground)		
				X	Y	Z
	ft	%		ft	ft	ft
Building1	20.00	61	1	702,159.6	1,085,474.4	639.70
			2	702,161.4	1,084,762.2	673.50
			3	702,099.9	1,084,623.0	677.80
Building2	22.00	73	4	702,748.6	1,084,699.1	667.30
			5	702,567.3	1,084,705.2	660.60
			6	702,501.0	1,084,704.5	663.20
			7	702,448.5	1,084,706.9	662.00
			8	702,393.8	1,084,773.1	662.00
			9	702,383.8	1,085,000.5	652.00
			10	702,410.9	1,085,023.4	654.60
			11	702,440.3	1,085,048.6	650.60
Building3	22.00	78	12	702,367.2	1,085,375.0	642.80
			13	702,392.9	1,085,455.2	646.30
			14	702,391.8	1,085,674.6	648.30
			15	702,478.1	1,085,835.8	650.70
Building4	20.00	64	16	702,154.6	1,086,314.0	627.50
			17	702,182.9	1,086,489.1	629.80
			18	702,244.3	1,086,731.6	624.90
			19	702,182.2	1,086,870.0	624.70
			20	702,140.6	1,086,900.1	629.30
			21	702,063.3	1,086,928.4	632.30
			22	701,950.3	1,086,931.0	637.80
Building5	22.00	75	23	702,851.4	1,085,500.5	664.30
			24	702,818.6	1,085,647.5	667.00

INPUT: BUILDING ROWS
David Hoekel Pkwy - Wentzville, MO

			25	702,723.4	1,085,832.6	660.80
			26	702,562.4	1,085,942.9	649.10
			27	702,335.4	1,086,015.4	632.60
Building6	16.00	64	28	702,387.5	1,086,138.9	624.40
			29	702,859.4	1,086,027.6	650.90
Building7	18.00	70	30	702,218.2	1,087,323.4	625.40
			31	702,565.9	1,087,199.9	621.10
			32	702,820.6	1,087,517.8	622.70
Building8	18.00	70	33	703,047.6	1,087,960.1	634.20
			34	703,088.2	1,088,087.6	631.50
			35	702,994.2	1,088,264.2	635.20
			36	703,074.7	1,088,346.5	634.30
			37	703,072.8	1,088,429.6	632.60
			38	703,020.6	1,088,491.5	632.80
			39	702,910.6	1,088,474.1	636.70
			40	702,663.4	1,088,501.1	648.20
Building9	18.00	63	41	702,789.4	1,087,740.6	627.40
			42	702,906.1	1,088,020.6	635.80
			43	702,804.6	1,088,300.8	642.60
			44	702,703.1	1,088,354.4	646.80
Building10	18.00	70	45	702,312.5	1,087,460.5	624.30
			46	702,517.5	1,087,384.4	621.30
			47	702,695.2	1,087,616.9	624.00
			48	702,739.9	1,087,678.5	625.60
Building11	16.00	80	49	703,447.8	1,087,372.1	611.70
			50	703,348.2	1,087,509.0	611.10
			51	703,358.3	1,087,966.4	625.60
			52	703,361.3	1,088,092.9	626.50
			53	703,364.9	1,088,275.4	622.50
			54	703,368.4	1,088,458.0	628.40
			55	703,489.8	1,088,518.5	630.00
			56	703,735.1	1,088,510.8	635.00
Building12	16.00	75	57	703,525.4	1,088,347.2	620.60
			58	703,504.4	1,087,545.8	609.30

INPUT: TERRAIN LINES

Merge Midwest Engineering, LLC			14 April 2019	
Analysis by: MDS			TNM 2.5	
INPUT: TERRAIN LINES				
PROJECT/CONTRACT:	David Hoekel Pkwy - Wentzville, MO			
RUN:	Four-lane Divided Traffic - 40 MPH			
Terrain Line	Points			
Name	No.	Coordinates (ground)		
		X	Y	Z
		ft	ft	ft
Terrain Line3	225	702,720.1	1,084,637.8	663.80
	226	702,557.7	1,084,629.5	658.70
	227	702,390.3	1,084,629.5	661.90
Terrain Line4	228	702,657.6	1,084,604.9	668.70
	229	702,661.0	1,084,393.4	679.10
Terrain Line5	230	702,649.1	1,085,572.8	659.20
	231	702,650.6	1,085,353.2	654.00
	232	702,648.8	1,085,234.8	652.10
	233	702,623.6	1,085,107.2	648.10
	234	702,598.2	1,085,079.6	647.30
	235	702,558.8	1,085,101.6	645.40
	236	702,471.9	1,085,311.0	647.00
	237	702,549.9	1,085,326.4	647.10
Terrain Line6	238	702,499.2	1,085,818.2	653.80
	239	702,466.3	1,085,754.2	656.20
	240	702,434.0	1,085,653.1	655.90
	241	702,438.4	1,085,532.4	653.00
	242	702,407.7	1,085,386.6	650.30
Terrain Line7	243	702,509.2	1,085,287.8	639.90
	244	702,588.5	1,085,106.6	638.50
	245	702,609.2	1,085,302.2	640.70
	335	702,510.2	1,085,286.8	639.90
Terrain Line8	246	702,600.8	1,085,688.5	656.50
	247	702,618.4	1,085,577.8	650.00

David Hoekel Pkwy - Wentzville, MO

INPUT: TERRAIN LINES**David Hoekel Pkwy - Wentzville, MO**

	248	702,631.5	1,085,395.0	647.50
	249	702,632.1	1,085,328.6	648.30
Terrain Line9	250	702,187.0	1,085,528.9	628.10
	251	702,190.8	1,085,609.8	626.00
	252	702,136.4	1,085,639.1	624.80
	253	702,045.2	1,085,761.5	621.10
	254	702,029.9	1,085,914.5	618.70
	255	702,090.8	1,086,004.4	618.60
	256	702,135.8	1,086,172.8	618.50
	257	702,166.0	1,086,203.5	618.50
Terrain Line10	258	703,351.9	1,087,220.9	598.90
	259	703,277.9	1,087,229.0	597.20
	260	703,243.2	1,087,165.4	598.90
	261	703,130.8	1,087,195.6	601.00
	262	703,042.5	1,087,259.2	602.70
	263	702,911.3	1,087,209.2	602.40
	264	702,898.2	1,087,130.4	603.20
	265	702,792.8	1,087,010.2	604.80
	266	702,813.7	1,086,947.8	606.00
	267	702,704.5	1,086,820.5	607.60
	268	702,663.3	1,086,814.4	608.00
	269	702,605.8	1,086,798.0	608.50
	270	702,609.0	1,086,706.9	609.40
	271	702,595.3	1,086,671.2	612.00
	272	702,554.7	1,086,610.4	609.00
	273	702,565.7	1,086,557.8	610.10
	274	702,480.6	1,086,473.9	611.60
	275	702,412.6	1,086,432.6	611.00
	276	702,410.4	1,086,346.6	613.00
	277	702,358.8	1,086,300.0	612.50
Terrain Line11	278	702,687.9	1,086,626.1	619.10
	279	702,737.9	1,086,713.9	613.40
	280	702,976.6	1,086,927.2	620.80
Terrain Line12	281	702,177.7	1,087,204.4	614.80
	282	702,261.1	1,087,135.2	614.30
	283	702,316.5	1,087,148.4	613.90

INPUT: TERRAIN LINES**David Hoekel Pkwy - Wentzville, MO**

	284	702,524.4	1,087,066.8	610.20
Terrain Line13	286	702,247.4	1,086,947.5	614.00
	287	702,259.1	1,086,968.5	614.30
	288	702,427.1	1,086,973.5	613.50
	289	702,436.5	1,086,941.5	613.00
	290	702,337.4	1,086,804.2	614.00
	291	702,247.4	1,086,946.6	614.00
Terrain Line14	293	702,337.4	1,086,778.2	618.40
	294	702,313.9	1,086,788.5	619.80
	295	702,207.9	1,086,959.4	624.70
	296	702,223.6	1,086,998.9	625.00
	297	702,436.8	1,086,996.0	618.00
	298	702,461.6	1,086,958.8	618.50
	299	702,423.3	1,086,881.4	618.00
	300	702,338.4	1,086,778.2	618.40
Terrain Line15	301	702,838.0	1,087,214.8	610.30
	302	702,960.3	1,087,283.9	610.50
	303	703,058.0	1,087,304.6	610.10
	304	703,124.4	1,087,263.0	608.40
	305	703,233.6	1,087,303.6	605.80
	306	703,287.3	1,087,470.4	608.30
Terrain Line16	307	702,922.5	1,087,349.6	616.70
	308	702,968.0	1,087,323.4	616.00
	309	703,054.1	1,087,333.8	615.40
	310	703,153.4	1,087,305.2	614.90
	311	703,217.1	1,087,355.6	614.90
	312	703,248.4	1,087,434.1	614.80
	313	703,259.4	1,087,644.8	619.90
	314	703,174.9	1,087,686.4	620.10
Terrain Line17	316	703,162.3	1,087,618.0	608.50
	317	702,947.2	1,087,351.2	607.50
	318	703,070.1	1,087,363.4	607.70
	319	703,136.4	1,087,334.9	608.00
	320	703,195.2	1,087,367.8	605.00
	321	703,231.9	1,087,604.1	608.60
	322	703,163.3	1,087,619.0	608.50

INPUT: TERRAIN LINES

Terrain Line18	323	703,705.6	1,088,569.1	634.20
	324	703,599.1	1,088,567.5	630.00
	325	703,481.1	1,088,566.4	629.20
	326	703,363.8	1,088,561.5	626.20
	327	703,295.1	1,088,467.8	626.00
Terrain Line19	328	703,713.8	1,088,590.0	638.70
	329	703,659.4	1,088,589.5	638.00
	330	703,561.8	1,088,591.1	637.10
	331	703,456.4	1,088,591.1	635.90
	332	703,346.2	1,088,587.8	635.70
	333	703,309.9	1,088,562.6	634.40
	334	703,291.3	1,088,488.0	629.10
Terrain Line20	336	702,972.2	1,089,236.9	650.50
	337	703,049.0	1,089,233.9	652.00
	338	703,080.6	1,089,223.1	653.00
	339	703,112.1	1,089,183.0	653.00
	340	703,122.3	1,089,030.8	652.00
	341	703,116.2	1,088,879.8	651.00
	342	703,115.2	1,088,846.1	650.00
	343	703,150.0	1,088,846.1	650.00
	344	703,150.7	1,088,891.9	651.00
	345	703,151.8	1,089,037.4	652.00
	346	703,153.0	1,089,182.9	653.00
	347	703,161.6	1,089,276.0	653.10
Terrain Line21	348	702,741.1	1,088,579.9	650.00
	349	702,959.0	1,088,608.8	647.00
	350	703,143.3	1,088,608.8	647.00
	351	703,148.0	1,088,680.6	648.00
	352	703,160.2	1,088,781.2	648.00
Terrain Line22	353	702,741.2	1,088,563.4	645.00
	354	702,993.4	1,088,563.4	633.00
	355	703,150.8	1,088,563.4	632.00
	356	703,173.9	1,088,563.4	634.00
Terrain Line23	357	702,339.9	1,084,593.9	674.60
	358	702,338.9	1,084,683.9	667.20
	359	702,337.7	1,084,783.9	662.50

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INPUT: TERRAIN LINES

	360	702,336.6	1,084,883.9	657.50
	361	702,335.4	1,084,983.9	653.20
	362	702,334.3	1,085,083.9	649.70
	363	702,333.5	1,085,153.9	646.30
Terrain Line24	364	702,331.2	1,085,358.9	638.60
	365	702,329.8	1,085,483.9	635.30
	366	702,328.6	1,085,583.9	638.80
	367	702,327.2	1,085,708.9	633.60
Terrain Line25	368	702,217.8	1,085,482.6	629.80
	369	702,218.9	1,085,382.6	638.30
Terrain Line26	370	702,337.9	1,084,593.9	675.50
	371	702,336.9	1,084,683.9	671.60
	372	702,335.7	1,084,783.9	667.00
	373	702,334.6	1,084,883.9	662.40
	374	702,333.4	1,084,983.9	657.80
	375	702,332.3	1,085,083.9	653.20
	376	702,331.5	1,085,153.9	551.20
Terrain Line27	377	702,329.2	1,085,358.9	645.10
	378	702,327.8	1,085,483.9	643.80
	379	702,326.6	1,085,583.9	642.80
	380	702,325.2	1,085,708.9	641.10
Terrain Line28	381	702,219.8	1,085,482.6	643.80
	382	702,220.9	1,085,382.6	644.80

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