



LSC TRANSPORTATION CONSULTANTS, INC.  
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May 14, 2020

Jim Boulton  
Classic Homes  
2138 Flying Horse Club Drive  
Colorado Springs, CO 80921

RE: Midtown Collection at Hannah  
Ridge Filing No. 3  
Noise Impact Study  
El Paso County, Colorado  
LSC #204021

Dear Mr. Boulton:

In response to your request, LSC Transportation Consultants, Inc. has completed a detailed analysis of the noise impacts of Constitution Avenue on the residential lots within the proposed Midtown Collections at Hannah Ridge Filing No. 3. The currently proposed filings are located north of Constitution Avenue between Hannah Ridge Drive and Akers Drive in El Paso County, Colorado. LSC has completed an evaluation of the noise exposure for submittal to El Paso County in accordance with the Federal Highway Administration (FHWA) requirements.

LSC used the software program Traffic Noise Model Version 2.5—developed by FHWA—to predict the noise levels within the proposed development. Nine noise receivers were modeled at key locations on the south side of the filing that are located adjacent to Constitution Avenue. An elevation of five feet was assumed for the height of the receivers. The receiver locations are shown in Figure 1.

The input data for the noise predictions included traffic volumes, roadway geometry, topographic elevations including the existing topographic elevations on Constitution Avenue, and the locations and proposed elevation of the receivers. The analysis was completed using projected 2040 afternoon peak-hour traffic volumes taken from the *Midtown Collection at Hannah Ridge Filing No. 3 Traffic Impact Analysis* by LSC dated May 14, 2020. A copy of the figure showing the projected 2040 total traffic volumes from that report has been attached.

The results of the noise prediction show that in the year 2040 all locations have predicted noise levels that would **not** exceed 67 decibels Leq. Based on the criteria contained in the El Paso County *Engineering Criteria Manual* no noise mitigation would be required. The noise analysis inputs and outputs are attached.

\* \* \* \* \*

Please contact me if you have any questions or need further assistance.

Respectfully submitted,

LSC TRANSPORTATION CONSULTANTS, INC.

By:   
Kirstin D. Ferrin, P.E.  
Senior Transportation Engineer

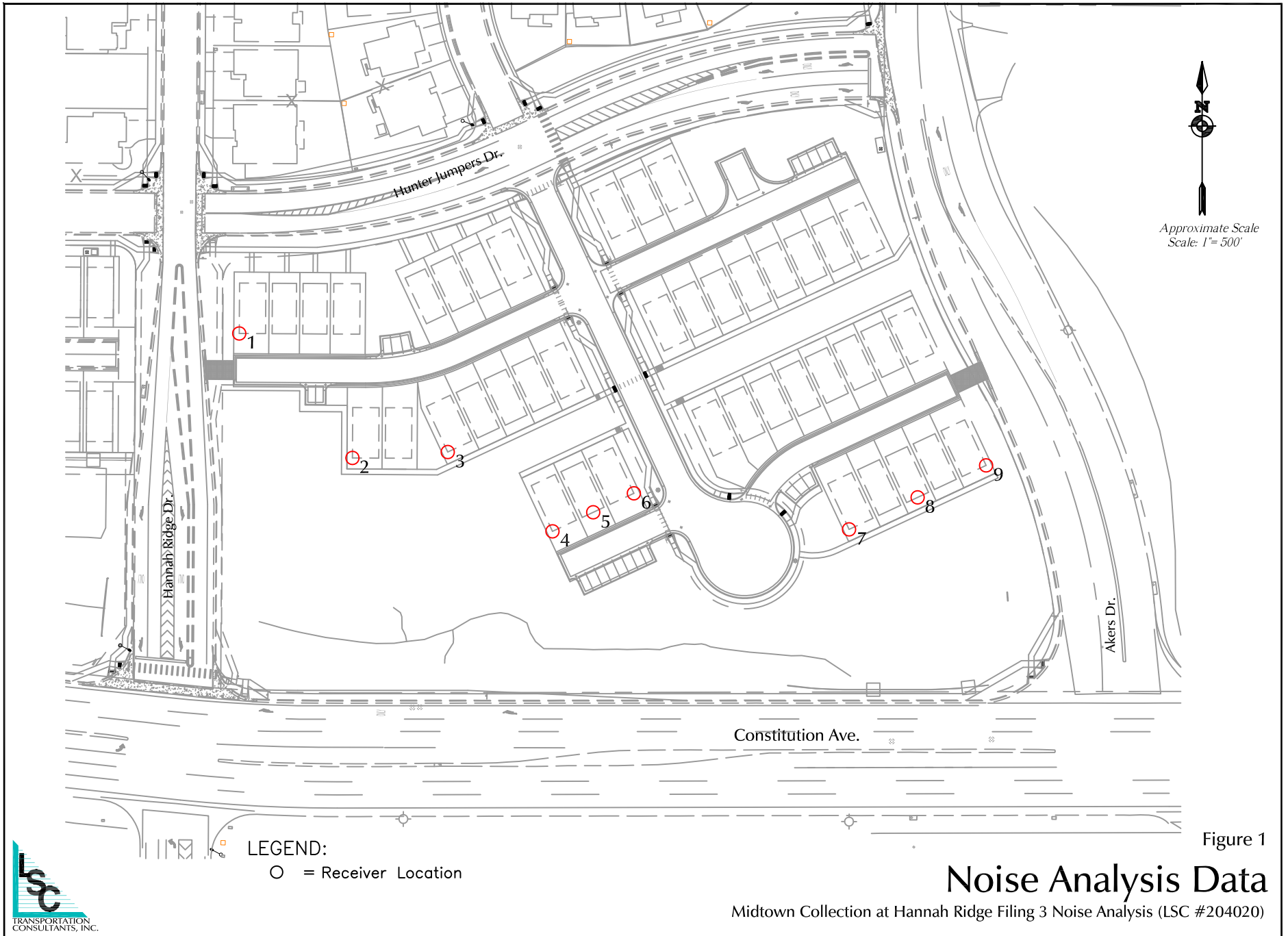


KDF:jas

Enclosures: Figure 1  
Figure 9 *Midtown Collections at Hannah Ridge Filing No. 3 Traffic Impact Study* by  
LSC, dated May 14, 2020  
Noise Analysis Inputs/Outputs

## Figure 1

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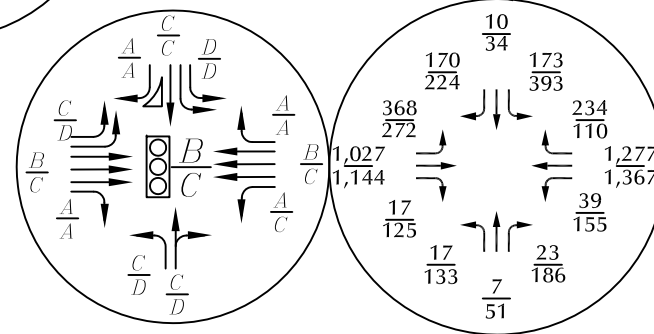
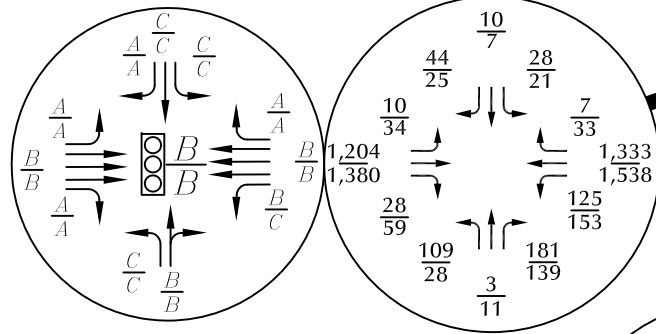
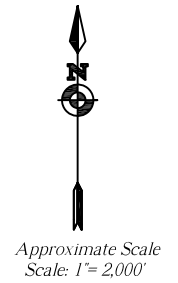
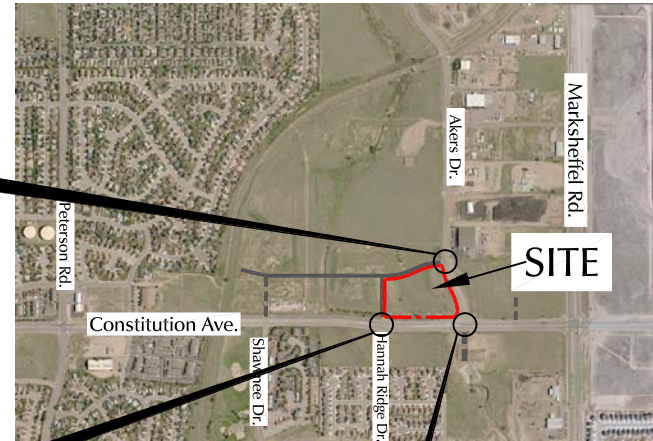
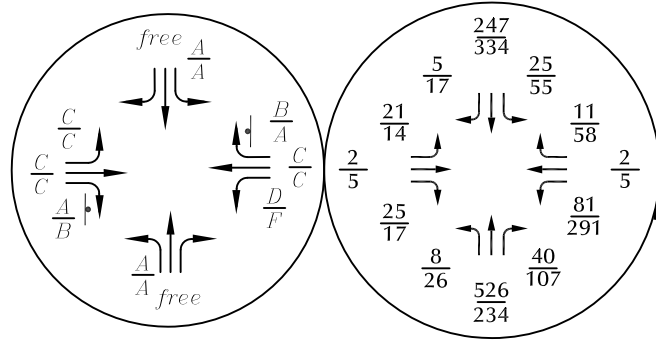


## Figure 9

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***Midtown Collections at Hannah Ridge Filing No. 3 Traffic Impact Study by LSC, dated May 14, 2020***





#### LEGEND:

⊥ = Stop Sign

⊞ = Traffic Signal

$\frac{XX}{XX}$  = AM Weekday Peak-Hour Traffic (vehicles per hour)

$\frac{XX}{XX}$  = PM Weekday Peak-Hour Traffic (vehicles per hour)

$\frac{A}{B}$  = AM Individual Movement Peak-Hour Level of Service

$\frac{A}{B}$  = PM Individual Movement Peak-Hour Level of Service

$\frac{C}{D}$  = AM Entire Intersection Peak-Hour Level of Service

$\frac{C}{D}$  = PM Entire Intersection Peak-Hour Level of Service



## Year 2040 Total Traffic, Lane Geometry, Traffic Control and Level of Service

Midtown Collection at Hannah Ridge Filing 3 (LSC #204020)

Figure 9

# Noise Analysis Inputs/Outputs

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### Midtown Collections at Hannah Ridge Fil 3

C:\USERS\KIRSTIN\TNM\Hannah Ridge Fil 3



**INPUT: TRAFFIC FOR LAeq1h Volumes**
**Midtown Collections at Hannah Ridge Fil 3**

LSC													
KDF													
INPUT: TRAFFIC FOR LAeq1h Volumes			21 April 2020										
PROJECT/CONTRACT:			TNM 2.5										
RUN:													
Midtown Collections at Hannah Ridge Fil 3													
2040 PM Peak Hour													
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	
WB RT Accel @ Shawnee	point1	1	46	50	1	50	0	0	0	0	0	0	
	point3	3	46	50	1	50	0	0	0	0	0	0	
	point4	4	46	50	1	50	0	0	0	0	0	0	
	point5	5	46	50	1	50	0	0	0	0	0	0	
	point6	6	46	50	1	50	0	0	0	0	0	0	
	point7	7	46	50	1	50	0	0	0	0	0	0	
	point8	8	46	50	1	50	0	0	0	0	0	0	
	point9	9	46	50	1	50	0	0	0	0	0	0	
	point2	2											
WB RT Decel @ Shawnee	point10	10	25	50	0	0	0	0	0	0	0	0	
	point12	12	25	50	0	0	0	0	0	0	0	0	
	point11	11											
WB RT Accel @ Hannah Ridge	point13	13	25	50	0	0	0	0	0	0	0	0	
	point15	15	25	50	0	0	0	0	0	0	0	0	
	point16	16	25	50	0	0	0	0	0	0	0	0	
	point14	14											
WB RT Decel @ Hannah Ridge	point20	20	33	50	0	0	0	0	0	0	0	0	
	point21	21	33	50	0	0	0	0	0	0	0	0	
	point22	22											
WB TH W/O Shawnee	point23	23	1433	50	61	50	30	50	0	0	0	0	
	point25	25	1433	50	61	50	30	50	0	0	0	0	
	point26	26	1433	50	61	50	30	50	0	0	0	0	
	point27	27	1433	50	61	50	30	50	0	0	0	0	

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**Midtown Collections at Hannah Ridge Fil 3**

	point28	28	1433	50	61	50	30	50	0	0	0	0
	point29	29	1433	50	61	50	30	50	0	0	0	0
	point30	30	1433	50	61	50	30	50	0	0	0	0
	point31	31	1433	50	61	50	30	50	0	0	0	0
	point32	32	1433	50	61	50	30	50	0	0	0	0
	point24	24										
WB TH W/O Hannah Ridge	point33	33	1433	50	61	50	30	50	0	0	0	0
	point35	35	1433	50	61	50	30	50	0	0	0	0
	point36	36	1433	50	61	50	30	50	0	0	0	0
	point37	37	1433	50	61	50	30	50	0	0	0	0
	point38	38	1433	50	61	50	30	50	0	0	0	0
	point39	39	1433	50	61	50	30	50	0	0	0	0
	point40	40	1433	50	61	50	30	50	0	0	0	0
	point41	41	1433	50	61	50	30	50	0	0	0	0
	point34	34										
WB TH E/O Hannah Ridge	point42	42	1445	50	62	50	31	50	0	0	0	0
	point44	44	1445	50	62	50	31	50	0	0	0	0
	point45	45	1445	50	62	50	31	50	0	0	0	0
	point46	46	1445	50	62	50	31	50	0	0	0	0
	point47	47	1445	50	62	50	31	50	0	0	0	0
	point48	48	1445	50	62	50	31	50	0	0	0	0
	point43	43										
EB LT @ Shawnee	point49	49	91	50	1	50	0	0	0	0	0	0
	point52	52	91	50	1	50	0	0	0	0	0	0
	point53	53	91	50	1	50	0	0	0	0	0	0
	point54	54	91	50	1	50	0	0	0	0	0	0
	point50	50										
WB LT @ Shawnee	point55	55	41	50	1	50	0	0	0	0	0	0
	point57	57	41	50	1	50	0	0	0	0	0	0
	point58	58	41	50	1	50	0	0	0	0	0	0
	point56	56										
EB LT @ Hannah Ridge	point59	59	33	50	1	50	0	0	0	0	0	0
	point61	61	33	50	1	50	0	0	0	0	0	0
	point60	60										
WB LT @ Hannah Ridge	point62	62	150	50	2	50	1	50	0	0	0	0
	point64	64	150	50	2	50	1	50	0	0	0	0

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**Midtown Collections at Hannah Ridge Fil 3**

	point63	63										
EB TH W/O Shawnee	point65	65	1339	50	57	50	29	50	0	0	0	0
	point67	67	1339	50	57	50	29	50	0	0	0	0
	point68	68	1339	50	57	50	29	50	0	0	0	0
	point69	69	1339	50	57	50	29	50	0	0	0	0
	point70	70	1339	50	57	50	29	50	0	0	0	0
	point71	71	1339	50	57	50	29	50	0	0	0	0
	point72	72	1339	66	57	50	29	50	0	0	0	0
	point73	73	1339	50	57	50	29	50	0	0	0	0
	point74	74	1339	50	57	50	29	50	0	0	0	0
	point66	66										
EB TH W/O Hannah Ridge	point75	75	1297	50	55	50	28	50	0	0	0	0
	point77	77	1297	50	55	50	28	50	0	0	0	0
	point78	78	1297	50	55	50	28	50	0	0	0	0
	point79	79	1297	50	55	50	28	50	0	0	0	0
	point80	80	1297	50	55	50	28	50	0	0	0	0
	point81	81	1297	50	55	50	28	50	0	0	0	0
	point82	82	1297	50	55	50	28	50	0	0	0	0
	point83	83	1297	50	55	50	28	50	0	0	0	0
	point84	84	1297	50	55	50	28	50	0	0	0	0
	point76	76										
EB TH E/O Hannah Ridge	point85	85	1074	50	46	50	23	50	0	0	0	0
	point87	87	1074	50	46	50	23	50	0	0	0	0
	point88	88	1074	50	46	50	23	50	0	0	0	0
	point89	89	1074	50	46	50	23	50	0	0	0	0
	point90	90	1074	50	46	50	23	50	0	0	0	0
	point91	91	1074	50	46	50	23	50	0	0	0	0
	point86	86										
EB RT Decel @ Shawnee	point92	92	70	50	1	50	0	0	0	0	0	0
	point94	94	70	50	1	50	0	0	0	0	0	0
	point95	95	70	50	1	50	0	0	0	0	0	0
	point96	96	70	50	1	50	0	0	0	0	0	0
	point97	97	70	50	1	50	0	0	0	0	0	0
	point93	93										
EB RT Accel @ Shawnee	point98	98	47	50	1	50	0	0	0	0	0	0
	point100	100	47	50	1	50	0	0	0	0	0	0

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**Midtown Collections at Hannah Ridge Fil 3**

	point101	101	47	50	1	50	0	0	0	0	0	0
	point102	102	47	50	1	50	0	0	0	0	0	0
	point103	103	47	50	1	50	0	0	0	0	0	0
	point99	99										
EB RT Decel @ Hannah Ridge	point104	104	58	50	1	50	0	0	0	0	0	0
	point105	105										
EB RT Accel @ Hannah Ridge	point106	106	136	50	2	50	1	50	0	0	0	0
	point108	108	136	50	2	50	1	50	0	0	0	0
	point109	109	136	50	2	50	1	50	0	0	0	0
	point110	110	136	50	2	50	1	50	0	0	0	0
	point111	111	136	50	2	50	1	50	0	0	0	0
	point112	112	136	50	2	50	1	50	0	0	0	0
	point113	113	136	50	2	50	1	50	0	0	0	0
	point107	107										
WB RT Accel @ Akers	point114	114	220	50	3	50	1	50	0	0	0	0
	point116	116	220	50	3	50	1	50	0	0	0	0
	point115	115										
WB RT Decel @ Akers	point117	117	107	50	2	50	1	50	0	0	0	0
	point119	119	107	50	2	50	1	50	0	0	0	0
	point120	120	107	50	2	50	1	50	0	0	0	0
	point121	121	107	50	2	50	1	50	0	0	0	0
	point122	122	107	50	2	50	1	50	0	0	0	0
	point118	118										
WB TH E/O Akers	point123	123	1285	50	55	50	27	50	0	0	0	0
	point125	125	1285	50	55	50	27	50	0	0	0	0
	point126	126	1285	50	55	50	27	50	0	0	0	0
	point127	127	1285	50	55	50	27	50	0	0	0	0
	point128	128	1285	50	55	50	27	50	0	0	0	0
	point129	129	1285	50	55	50	27	50	0	0	0	0
	point124	124										
EB LT @ Akers	point130	130	267	50	4	50	1	50	0	0	0	0
	point131	131										
WB LT @ Akers	point132	132	152	50	2	50	1	50	0	0	0	0
	point134	134	152	50	2	50	1	50	0	0	0	0
	point133	133										
EB TH E/O Akers	point135	135	1285	50	55	50	27	50	0	0	0	0

**INPUT: TRAFFIC FOR LAeq1h Volumes**
**Midtown Collections at Hannah Ridge Fil 3**

	point137	137	1285	50	55	50	27	50	0	0	0	0
	point138	138	1285	50	55	50	27	50	0	0	0	0
	point139	139	1285	50	55	50	27	50	0	0	0	0
	point140	140	1285	50	55	50	27	50	0	0	0	0
	point141	141	1285	50	55	50	27	50	0	0	0	0
	point136	136										
EB RT Accel @ Akers	point142	142	182	50	3	50	1	50	0	0	0	0
	point144	144	182	50	3	50	1	50	0	0	0	0
	point145	145	182	50	3	50	1	50	0	0	0	0
	point146	146	182	50	3	50	1	50	0	0	0	0
	point143	143										

**INPUT: RECEIVERS**
**Midtown Collections at Hannah Ridge Fil 3**

LSC												
KDF												
INPUT: RECEIVERS												
PROJECT/CONTRACT:	Midtown Collections at Hannah Ridge Fil 3											
RUN:	2040 PM Peak Hour											
Receiver												
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active	
			X	Y	Z	above	Existing	Impact Criteria		NR	in	
						Ground	L <sub>Aeq</sub> 1h	L <sub>Aeq</sub> 1h	Sub'l	Goal	Calc.	
			ft	ft	ft	ft	dBA	dBA	dB	dB		
Receiver 1	21	1	6,332.2	11,059.8	6,451.50	4.92	0.00	67	10.0	8.0	Y	
Receiver 2	22	1	6,435.5	10,946.2	6,453.25	4.92	0.00	67	10.0	8.0	Y	
Receiver 3	23	1	6,522.5	10,951.5	6,454.50	4.92	0.00	67	10.0	8.0	Y	
Receiver 4	24	1	6,618.1	10,879.2	6,448.50	4.92	0.00	67	10.0	8.0	Y	
Receiver 5	25	1	6,655.2	10,896.5	6,449.00	4.92	0.00	67	10.0	8.0	Y	
Receiver 6	26	1	6,692.4	10,913.9	6,449.00	4.92	0.00	67	10.0	8.0	Y	
Receiver 7	27	1	6,888.8	10,880.9	6,451.00	4.92	0.00	67	10.0	8.0	Y	
Receiver 8	28	1	6,951.3	10,910.1	6,453.25	4.92	0.00	67	10.0	8.0	Y	
Receiver 9	29	1	7,013.8	10,939.3	6,456.00	4.92	0.00	67	10.0	8.0	Y	

**INPUT: ROADWAYS**
**Midtown Collections at Hannah Ridge Fil 3**

LSC												
KDF												
INPUT: ROADWAYS				Midtown Collections at Hannah Ridge Fil 3				Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA				
PROJECT/CONTRACT:				Midtown Collections at Hannah Ridge Fil 3								
RUN:				2040 PM Peak Hour								
Roadway		Points					Flow Control					
Name	Width	Name	No.	Coordinates (pavement)						Segment		
				X	Y	Z	Control	Speed	Percent	Pvmt	On	
							Device	Constraint	Vehicles	Type	Struct?	
									Affected			
	ft			ft	ft	ft		mph	%			
WB RT Accel @ Shawnee	12.0	point1	1	4,996.7	10,771.3	6,482.00	Stop	0.00	100	Average		
		point3	3	4,954.0	10,771.5	6,480.00				Average		
		point4	4	4,914.2	10,771.5	6,478.00				Average		
		point5	5	4,873.7	10,771.3	6,476.00				Average		
		point6	6	4,831.7	10,771.1	6,474.00				Average		
		point7	7	4,785.9	10,770.8	6,472.00				Average		
		point8	8	4,731.7	10,770.8	6,470.00				Average		
		point9	9	4,679.5	10,770.9	6,468.00				Average		
		point2	2	4,539.8	10,771.3	6,466.00						
WB RT Decel @ Shawnee	12.0	point10	10	5,284.1	10,770.3	6,462.00				Average		
		point12	12	5,207.6	10,770.6	6,464.00				Average		
		point11	11	5,136.4	10,770.9	6,466.00						
WB RT Accel @ Hannah Ridge	12.0	point13	13	6,255.0	10,722.3	6,454.00	Signal	0.00	50	Average		
		point15	15	6,100.5	10,738.7	6,456.00				Average		
		point16	16	5,947.7	10,754.6	6,458.00				Average		
		point14	14	5,657.3	10,770.4	6,460.00						
WB RT Decel @ Hannah Ridge	12.0	point20	20	6,627.6	10,713.8	6,448.00				Average		
		point21	21	6,512.6	10,713.9	6,450.00				Average		
		point22	22	6,404.1	10,713.7	6,452.00						
WB TH W/O Shawnee	24.0	point23	23	5,044.2	10,753.0	6,470.00				Average		
		point25	25	5,006.3	10,753.1	6,472.00				Average		
		point26	26	4,965.5	10,753.1	6,474.00				Average		
		point27	27	4,926.2	10,753.2	6,476.00				Average		
		point28	28	4,883.8	10,753.2	6,478.00				Average		
		point29	29	4,844.6	10,753.3	6,480.00				Average		

**INPUT: ROADWAYS**
**Midtown Collections at Hannah Ridge Fil 3**

		point30	30	4,801.0	10,753.3	6,482.00				Average	
		point31	31	4,748.0	10,753.4	6,484.00				Average	
		point32	32	4,678.1	10,753.1	6,486.00				Average	
		point24	24	4,503.9	10,754.1	6,488.00					
WB TH W/O Hannah Ridge	24.0	point33	33	6,293.4	10,699.0	6,454.00	Signal	0.00	50	Average	
		point35	35	6,106.5	10,722.3	6,456.00				Average	
		point36	36	5,901.9	10,740.8	6,458.00				Average	
		point37	37	5,570.3	10,751.3	6,460.00				Average	
		point38	38	5,308.6	10,752.7	6,462.00				Average	
		point39	39	5,220.8	10,752.8	6,464.00				Average	
		point40	40	5,143.4	10,752.9	6,466.00				Average	
		point41	41	5,089.8	10,753.0	6,468.00				Average	
		point34	34	5,048.5	10,753.0	6,470.00					
WB TH E/O Hannah Ridge	24.0	point42	42	7,063.1	10,695.3	6,444.00	Signal	0.00	50	Average	
		point44	44	6,849.5	10,695.9	6,444.00				Average	
		point45	45	6,744.7	10,695.8	6,446.00				Average	
		point46	46	6,637.4	10,699.2	6,448.00				Average	
		point47	47	6,507.3	10,695.0	6,450.00				Average	
		point48	48	6,420.9	10,697.1	6,452.00				Average	
		point43	43	6,297.6	10,699.0	6,454.00					
EB LT @ Shawnee	12.0	point49	49	4,855.5	10,728.6	6,480.00				Average	
		point52	52	4,895.0	10,728.5	6,478.00				Average	
		point53	53	4,938.2	10,728.5	6,476.00				Average	
		point54	54	4,977.0	10,728.4	6,474.00				Average	
		point50	50	5,014.1	10,728.6	6,472.00					
WB LT @ Shawnee	12.0	point55	55	5,335.5	10,733.4	6,462.00				Average	
		point57	57	5,235.0	10,733.6	6,464.00				Average	
		point58	58	5,152.9	10,733.8	6,466.00				Average	
		point56	56	5,118.4	10,733.8	6,467.00					
EB LT @ Hannah Ridge	12.0	point59	59	5,900.8	10,717.2	6,457.00				Average	
		point61	61	6,139.0	10,691.4	6,456.00				Average	
		point60	60	6,228.8	10,681.5	6,455.00					
WB LT @ Hannah Ridge	12.0	point62	62	6,554.4	10,675.7	6,450.00				Average	
		point64	64	6,454.0	10,676.0	6,452.00				Average	
		point63	63	6,331.5	10,678.0	6,454.00					
EB TH W/O Shawnee	24.0	point65	65	4,474.6	10,711.0	6,488.00				Average	
		point67	67	4,659.9	10,710.8	6,486.00				Average	
		point68	68	4,748.3	10,710.7	6,484.00				Average	
		point69	69	4,805.7	10,710.6	6,482.00				Average	



**INPUT: ROADWAYS**
**Midtown Collections at Hannah Ridge Fil 3**

		point70	70	4,850.2	10,710.6	6,480.00				Average	
		point71	71	4,888.0	10,710.4	6,478.00				Average	
		point72	72	4,927.5	10,710.5	6,476.00				Average	
		point73	73	4,967.7	10,710.5	6,474.00				Average	
		point74	74	5,006.8	10,710.5	6,472.00				Average	
		point66	66	5,044.1	10,710.4	6,470.00					
EB TH W/O Hannah Ridge	24.0	point75	75	5,048.4	10,710.4	6,470.00	Signal	0.00	50	Average	
		point77	77	5,093.2	10,710.3	6,468.00				Average	
		point78	78	5,150.2	10,710.3	6,466.00				Average	
		point79	79	5,223.1	10,710.0	6,464.00				Average	
		point80	80	5,327.9	10,710.1	6,462.00				Average	
		point81	81	5,503.8	10,709.9	6,460.00				Average	
		point82	82	5,713.9	10,709.6	6,458.00				Average	
		point83	83	5,857.2	10,703.7	6,457.50				Average	
		point84	84	6,195.6	10,667.0	6,456.00				Average	
		point76	76	6,359.2	10,651.8	6,454.00					
EB TH E/O Hannah Ridge	24.0	point85	85	6,363.5	10,651.8	6,454.00	Signal	0.00	50	Average	
		point87	87	6,480.6	10,650.7	6,452.00				Average	
		point88	88	6,561.3	10,650.9	6,450.00				Average	
		point89	89	6,653.4	10,651.1	6,448.00				Average	
		point90	90	6,742.8	10,651.2	6,446.00				Average	
		point91	91	6,863.0	10,651.5	6,444.00				Average	
		point86	86	7,079.1	10,652.1	6,444.00					
EB RT Decel @ Shawnee	12.0	point92	92	4,796.3	10,692.6	6,482.00				Average	
		point94	94	4,843.0	10,692.6	6,480.00				Average	
		point95	95	4,882.8	10,692.5	6,478.00				Average	
		point96	96	4,921.5	10,692.5	6,476.00				Average	
		point97	97	4,962.4	10,692.5	6,474.00				Average	
		point93	93	5,003.7	10,692.4	6,472.00					
EB RT Accel @ Shawnee	12.0	point98	98	5,142.2	10,692.3	6,466.00	Stop	0.00	100	Average	
		point100	100	5,207.0	10,692.2	6,464.00				Average	
		point101	101	5,302.1	10,692.1	6,462.00				Average	
		point102	102	5,459.4	10,691.9	6,460.00				Average	
		point103	103	5,686.6	10,691.0	6,458.00				Average	
		point99	99	5,839.1	10,686.8	6,457.50					
EB RT Decel @ Hannah Ridge	12.0	point104	104	5,843.4	10,686.8	6,457.50				Average	
		point105	105	6,221.2	10,646.1	6,456.00					
EB RT Accel @ Hannah Ridge	12.0	point106	106	6,312.3	10,636.9	6,455.00	Signal	0.00	50	Average	
		point108	108	6,416.8	10,632.6	6,454.00				Average	

**INPUT: ROADWAYS**
**Midtown Collections at Hannah Ridge Fil 3**

		point109	109	6,505.5	10,632.8	6,452.00				Average	
		point110	110	6,568.7	10,632.9	6,450.00				Average	
		point111	111	6,653.5	10,632.8	6,448.00				Average	
		point112	112	6,731.2	10,633.2	6,446.00				Average	
		point113	113	6,834.9	10,633.4	6,444.00				Average	
		point107	107	7,124.1	10,633.8	6,444.00					
WB RT Accel @ Akers	12.0	point114	114	7,006.9	10,714.2	6,444.00	Onramp	0.00	100	Average	
		point116	116	6,829.5	10,713.9	6,444.00				Average	
		point115	115	6,726.7	10,713.9	6,446.00					
WB RT Decel @ Akers	12.0	point117	117	8,096.8	10,715.3	6,449.00				Average	
		point119	119	7,925.8	10,714.7	6,448.00				Average	
		point120	120	7,718.9	10,715.3	6,447.00				Average	
		point121	121	7,523.1	10,714.5	6,446.00				Average	
		point122	122	7,372.0	10,714.3	6,445.00				Average	
		point118	118	7,202.6	10,714.1	6,444.00					
WB TH E/O Akers	24.0	point123	123	8,083.6	10,697.2	6,449.00	Signal	0.00	50	Average	
		point125	125	7,908.1	10,697.0	6,448.00				Average	
		point126	126	7,710.7	10,696.8	6,447.00				Average	
		point127	127	7,495.4	10,696.3	6,446.00				Average	
		point128	128	7,321.8	10,696.4	6,445.00				Average	
		point129	129	7,115.9	10,696.3	6,444.00				Average	
		point124	124	7,067.4	10,695.3	6,444.00					
EB LT @ Akers	12.0	point130	130	6,839.1	10,669.4	6,444.00				Average	
		point131	131	7,078.0	10,669.9	6,444.00					
WB LT @ Akers	12.0	point132	132	7,497.0	10,676.3	6,446.00				Average	
		point134	134	7,306.6	10,676.3	6,445.00				Average	
		point133	133	7,228.2	10,676.4	6,444.50					
EB TH E/O Akers	24.0	point135	135	7,083.4	10,652.1	6,444.00	Signal	0.00	50	Average	
		point137	137	7,108.9	10,652.1	6,444.00				Average	
		point138	138	7,328.5	10,652.4	6,445.00				Average	
		point139	139	7,529.3	10,652.4	6,446.00				Average	
		point140	140	7,753.9	10,653.2	6,447.00				Average	
		point141	141	7,952.8	10,653.6	6,448.00				Average	
		point136	136	8,118.9	10,653.9	6,449.00					
EB RT Accel @ Akers	12.0	point142	142	7,176.6	10,634.5	6,444.00	Signal	0.00	50	Average	
		point144	144	7,386.4	10,634.5	6,445.00				Average	
		point145	145	7,615.6	10,635.0	6,446.00				Average	
		point146	146	7,817.5	10,635.0	6,447.00				Average	
		point143	143	8,018.3	10,635.7	6,448.00					