

**MOUNTAIN BROOK CITY COUNCIL
PRE-MEETING DISCUSSION
OCTOBER 27, 2014**

The City Council of the City of Mountain Brook, Alabama met in public session in the Pre-council Room (A106) of City Hall at 6:15 p.m. on Monday, the 27th day of October, 2014. The Council President called the meeting to order and the roll was called with the following results:

Present: Virginia C. Smith, Council President
Amy G. Carter, Council President Pro Tempore
Jack D. Carl
Jesse S. Vogtle, Jr.
Lawrence T. Oden, Mayor

Absent: William S. Pritchard, III

Also present were City Attorney Carl Johnson, City Manager Sam Gaston, and City Clerk Steven Boone.

1. AGENDA

1. Oakdale Drive/Overton Road/River Run Drive traffic study – Richard Caudle of Skipper Consultants (Appendix 1).

The City Council asked that Mr. Caudle continue discussing the matter with Jefferson County officials. The general consensus of the members of the Council was that no pedestrian crossing improvements be made at this time if the County insists on requiring all of their recommended improvements.

2. Proposal to review traffic signals modifications on Cahaba Road at Little Hardware exit – Richard Caudle of Skipper Consultants (Appendix 2).

This matter will be considered again by the City Council after traffic patterns settle down.

3. Organizational meeting committee and liaison assignments carried-over from last meeting.
4. Review and discussion of the 7 p.m. City Council formal meeting agenda topics.

Upon conclusion of the City Council's review of the other formal [7 p.m.] agenda issues, Council President Smith adjourned the meeting.



Steven Boone, City Clerk

Traffic Study

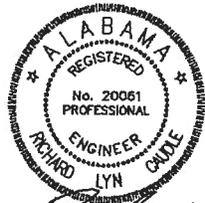
Overton Road at Oakdale Drive/River Run Drive Jefferson County, Alabama

Prepared for:

The City of Mountain Brook
56 Church Street
Mountain Brook, Alabama 35213
Phone (205)802-2400
Fax (205)879-6913

Prepared by:

Skipper Consulting, Inc.
3644 Vann Road, Suite 100
Birmingham, Alabama 35235
Phone (205) 655-8855
Fax (205) 655-8825



SIGNED: *Richard Lynn Cade*
DATE: 10/22/14

October 22, 2014



Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

Introduction

This report documents a traffic study performed for the intersection of Overton Road at Oakdale Drive/River Run Drive, conducted as a part of an on-going project by the City of Mountain Brook to construct Cahaba River Park. An element of the park is to construct a pedestrian walkway underneath the existing River-Run Drive bridge and provide a signalized pedestrian crossing of Overton Road to tie this walkway to existing sidewalks on Oakdale Drive and Overton Road. The walkway and crosswalk plans were prepared for the City of Mountain Brook by Nimrod Long and Associates, and are excerpted in Figure 1.

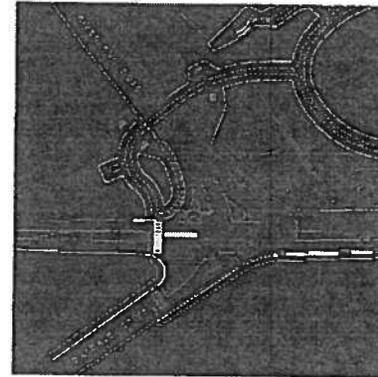


Figure 1. Proposed Walkways and Crosswalk

In May, 2014, the City of Mountain Brook contracted with Skipper Consulting, Inc. to prepare traffic signal modifications plans to provide actuated pedestrian signals for the crosswalk crossing Overton Road. These plans were completed in July, 2014 and submitted to the City of Mountain Brook, the City of Vestavia Hills, and Jefferson County Roads and Transportation for review and comments. The existing traffic signal at the intersection of Overton Road at Oakdale Drive/River Run Drive is owned and maintained by Jefferson County, as are Oakdale Drive and River Run Drive themselves, due to the location of the City Limits between the City of Mountain Brook and the City of Vestavia Hills, as shown on Figure 2. At the current time, the City of Mountain Brook has responsibility for Overton Road south of the intersection and the City of Vestavia Hills has responsibility for Overton Road north of the intersection.

Skipper Consulting, Inc.

Page 1

APPENDIX 1

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

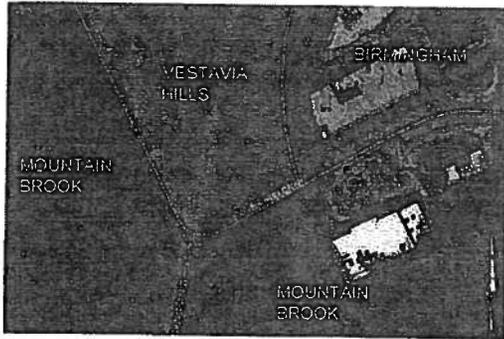


Figure 2. City Limits Lines

Jefferson County Roads and Transportation made comments concerning the proposed traffic signal modification plans during a meeting held on-site on September 9, 2014. Their comments included a request to add additional crosswalks to the intersection and make modifications to curb radii, as depicted in the sketch shown in Figure 3.

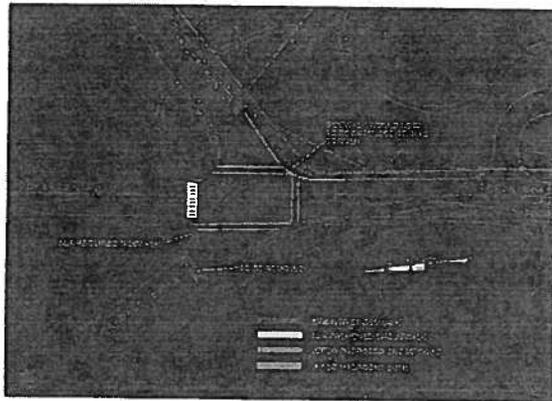


Figure 3. Improvements Proposed by Jefferson County Roads and Transportation

Skipper Consulting, Inc.

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

During the on-site review of Jefferson County Roads and Transportation's comments, it was noted that the proposed crosswalks extending away from the southwest corner of Overton Road at Oakdale Drive could potentially create a safety hazard to pedestrians since drivers eastbound on Oakdale Drive are generally looking over their left shoulder for gaps in the southbound traffic flow on Overton Road and not to the right where pedestrians may have just entered the crosswalks from the southwest corner of the intersection. It was noted that modification to the curb radius in the southeast corner of the intersection may mitigate this concern by forcing the drivers approaching on Oakdale Drive into a more perpendicular approach, as illustrated in Figure 4.

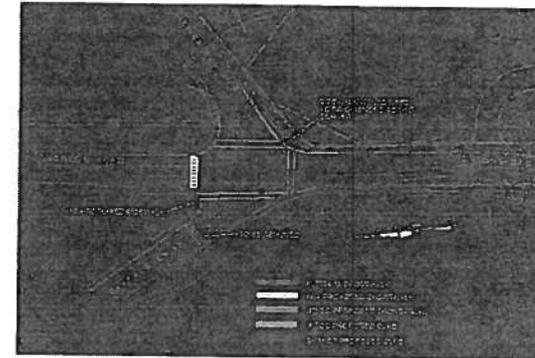


Figure 4. Additional Improvements Proposed by Skipper Consulting, Inc.

Subsequent meetings were held with various parties regarding these proposed additional changes to the intersection on September 22, 2014 and October 1, 2014. During the October 1, 2014 meeting between Jefferson County Roads and Transportation and Skipper Consulting, Inc., there was a discussion regarding the impact to intersection capacity, delay, and level of service which would result from the proposed changes. At this point, Jefferson County Roads and Transportation recommended that a traffic study be performed in order to measure the impacts of the proposed changes on traffic flow. In response, the City of Mountain Brook retained Skipper Consulting, Inc. to prepare a traffic study on October 13, 2014. This document is a direct result of that work.

Skipper Consulting, Inc.

Scope of Analysis

In general, the following is the order of analyses performed for this study:

1. **Existing** - The first level of analysis was for existing conditions in order to provide a benchmark for determining the impacts of all other improvements.
2. **Alternative A** - Second, an analysis was performed to determine the impact of the proposed Nimrod Long and Associates crossing of Overton Road.
3. **Alternative B** - Third, an analysis was performed to determine the impact of the proposed curb radius improvement on the southeast corner of the intersection, turning from Overton Road northbound onto River Run Drive. This proposal would not change intersection capacity, levels of service, or delays, but will impact the right turning traffic speed from Overton Road northbound onto River Run Drive.
4. **Alternative C** - Fourth, an analysis was performed to determine the impact of the additional crosswalks as proposed by Jefferson County Roads and Transportation.
5. **Alternative D** - Fifth, an analysis was performed to determine the impact of the proposed curb radius improvement on the southwest corner of the intersection, turning from Oakdale Drive onto Overton Road southbound. This proposal would not change intersection capacity, levels of service, or delays, but will impact the right turning traffic speed from Oakdale Drive onto Overton Road southbound.

The results of these analyses are documented in the following sections of this report.

Existing Analysis

An existing intersection turning movement traffic count was performed at the intersection of Overton Road at Oakdale Drive/River Run Drive on Tuesday, October 7, 2014 from 7:00 to 9:00 a.m., 2:30 to 3:30 p.m., and 4:00 to 6:00 p.m. by Traffic Data, LLC on behalf of Skipper Consulting, Inc. The traffic count data is included in Appendix A and are summarized in Figure 5.

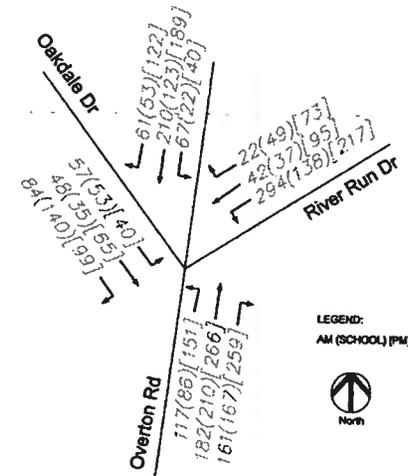


Figure 5. Existing Traffic Counts

Existing peak hour intersection capacity analyses were performed for the intersection of Overton Road at Oakdale Drive/River Run Drive according to the methodology of analysis included in the 2000 *Highway Capacity Manual*, published by the Transportation Research Board. Capacities are expressed as levels of service, and range from a level of service "A" (highest quality of service) to a level of service "F" (jammed conditions). As a general rule, operation at a level of service "C" or better is desirable, with operation at a level of service "D" considered acceptable during peak hours of traffic flow. The results of the existing peak hour intersection capacity analyses are included in Appendix B and are summarized in Table 1, included in a later section of this report.

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

Alternative A Analysis

Alternative A includes only the proposed signalized crossing of Overton Road as designed by Nimrod Long and Associates. The changes to the intersection which would affect intersection capacity, delay, and level of service would be the pedestrian traffic flow crossing the north leg of the intersection. This crossing would be signalized in conjunction with Phase 3 of the traffic signal operating plan (the phase which serves River Run Drive). The existing maximum green time for phase 3 (28 seconds) is sufficient to cover the proposed walk + flashing don't walk time (17 seconds), so no reallocation of effective green time would be required.

The results of the peak hour intersection capacity analyses are included in Appendix C and are summarized in Table 1. As shown, construction of the proposed signalized crosswalk shown in the Nimrod Long and Associates plan has no effect on level of service and a miniscule effect on delay for the right turn from River Run Drive onto Overton Road northbound.

The cost estimate to implement Alternative A is approximately as follows:

Sidewalk Extension and Crosswalk	\$10,500
Traffic Signal Modifications	\$28,300
Total	\$38,800

Alternative B Analysis

Alternative B is a modification to the curb line for the right turn from Overton Road northbound onto River Run Drive. The current plan prepared by Nimrod Long and Associates shows an 85 foot curb radius for this turn. Jefferson County suggested that a decreased curb radius would help slow traffic making this turn, which would improve traffic safety and make the potential pedestrian crossing of River Run Drive shorter. Skipper Consulting, Inc. performed a sketch design of a decreased curb radius based on the turning template of a WB-50 tractor trailer truck. This sketch is shown in Figure 6.

The curb radius in the sketch prepared by Skipper Consulting, Inc. is 40 feet. In general, the maximum safe speed of a simple curve is expressed by the formula

$$v^2 = 14.9 \mu r$$

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

where

- v= speed in mph
- μ = coefficient of friction
- r= radius in feet

Assuming a μ of .9, the maximum safe speed for the right turn with an 85 foot radius would be 33 to 34 miles per hour, which is greater than the posted speed limit on Overton Road (30 miles per hour). With the proposed 40 foot radius, the maximum safe speed for the right turn would be 23 miles per hour.

The cost estimate to implement Alternative B is approximately \$1,750.

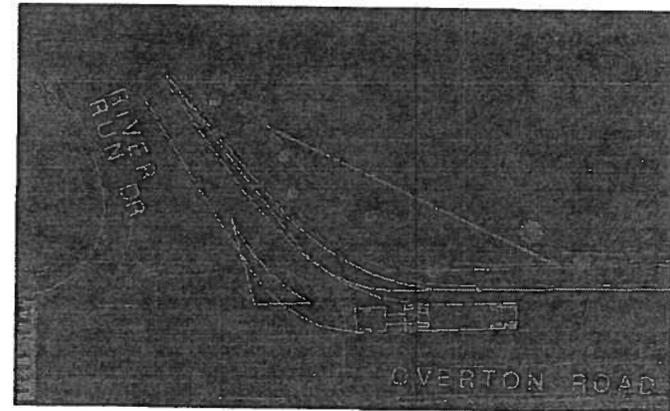


Figure 6. Curb Radius Modification with Truck Turning Template

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

Alternative C Analysis

Alternative C includes three additional crosswalks as proposed by Jefferson County Roads and Transportation beyond the single crosswalk of Overton Road as proposed by Nimrod Long and Associates. This improvement would impact intersection capacity, delay, and level of service due to additional pedestrian crossing conflicts and loss of access to the right turn lane on Oakdale Drive. As shown in Figure 7, a single vehicle which is stacked on Oakdale Drive to turn left or go straight across Overton Road will effectively prevent vehicles from using the right turn lane.

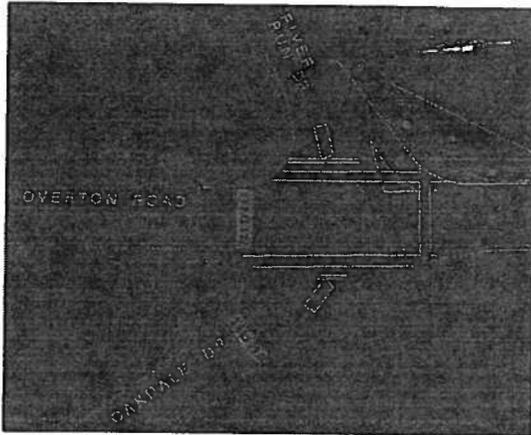


Figure 7. Impact on Oakdale Drive Right Turn Lane Caused by Crosswalk

The results of the peak hour intersection capacity analyses are included in Appendix D and are summarized in Table 1. As shown, construction of the three proposed additional signalized crosswalks as proposed by Jefferson County would have a significant impact on delay on Oakdale Drive due to the restricted access to the right turn lane on Oakdale Drive, particularly during the afternoon school and p.m. peak hours.

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

In order to construct Alternative C, a sidewalk would need to be extended from within the park to the southeast corner of the intersection of Overton Road and River Run Drive. This would involve a minimum of 135 feet of sidewalk and two ADA curb ramps. In addition, appropriate ADA curb ramps on the other corners, crosswalk striping and actuated pedestrian signals would need to be added to the other three approaches to the intersection. The cost estimate to construct Alternative C (over and above Alternatives A and B) is as follows:

6' Sidewalk (135')	\$15,200
ADA Curb Ramps (6)	\$13,200
Crosswalk Striping	\$ 2,100
Traffic Signal Modifications	<u>\$16,600</u>
Total	\$47,100

Alternative D Analysis

Alternative D is a proposed curb radius improvement on the southwest corner of the intersection of Overton Road at Oakdale Drive/River Run Drive, turning right from Oakdale Drive onto Overton Road southbound. During the on-site review of Jefferson County Roads and Transportation's comments (Alternatives B and C), it was noted that the proposed crosswalks extending away from the southwest corner of Overton Road at Oakdale Drive could potentially create a safety hazard to pedestrians since drivers eastbound on Oakdale Drive are generally looking over their left shoulder for gaps in the southbound traffic flow on Overton Road and not to the right where pedestrians may have just entered the crosswalks from the southwest corner of the intersection. It was noted that modification to the curb radius in the southeast corner of the intersection may mitigate this concern by forcing the drivers approaching on Oakdale Drive into a more perpendicular approach, as illustrated in Figure B.

The impact to intersection capacity, delay, and level of service resulting from Alternative D would be the same Alternative C. The most significant impact would be the removal of the right turn movement from Oakdale Drive onto Overton Road southbound, which results in levels of service "E" and "F" on Oakdale Drive during the afternoon school and p.m. peak hours.

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

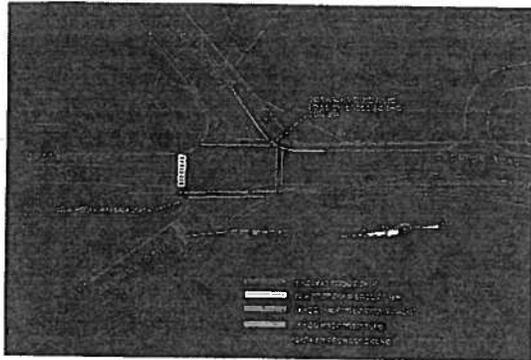


Figure 8. Additional Improvements Proposed by Skipper Consulting, Inc.

In addition to the sight line improvements for traffic on Oakdale Drive, Alternative D would also slow traffic on Oakdale Drive turning right onto Overton Road southbound. The existing curb radius for this right turn is approximately 110 feet. The curb radius in sketch prepared by Skipper Consulting, Inc. is 50 feet. In general, the maximum safe speed of a simple curve is expressed by the formula

$$v^2 = 14.9 \mu r$$

where

- v= speed in mph
- μ = coefficient of friction
- r= radius in feet

Assuming a μ of .9, the maximum safe speed for the right turn with a 110 foot radius would be 38 miles per hour. With the proposed 50 foot radius, the maximum safe speed for the right turn would be 26 miles per hour.

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

The work which would be required to implement Alternative D, over and above Alternatives A, B, and C, includes construction of approximately 175 feet of curb and gutter, 850 square feet of slope paved island, and modification to the Intersection striping and signalization. The cost estimate to implement Alternative D, over and above Alternatives A, B, and C is as follows:

Curb and Gutter (175')	\$ 8,800
Slope Paving (850 sq.ft.)	\$ 4,700
Striping Modifications	\$ 2,000
Signal Modifications	<u>\$ 2,000</u>
Total	\$17,500

Recommendations

It is the recommendation of Skipper Consulting, Inc. that the City of Mountain Brook proceed with construction of Alternatives A and B as part of the Cahaba River Park project. This includes the following work items:

- Extension of the existing sidewalk on the north side of Oakdale Drive to Overton Road
- Installation of a marked crosswalk crossing the north leg of Overton Road
- Modifying the traffic signal at the intersection of Overton Road at Oakdale Drive/River Run Drive to provide an actuated signalized pedestrian crossing of Overton Road
- Modifying the curb radius for the movement from Overton Road northbound turning right onto River Run Drive. The design should accommodate a WB-50 design vehicle.

The work items included as Alternative A are part of the Cahaba River Park plan and included in City budgets. Work items included as Alternative B are low cost and would be beneficial to the intersection. The estimated cost to construct the improvements listed above is \$40,550.

It is recommended that Alternatives C and D not be pursued at this time, due to the following considerations:

- Implementation of these alternatives would result in deficient capacity and excessive delays on Oakdale Drive during the afternoon school and p.m. peak periods.

Overton Road at Oakdale Drive/River Run Drive

Mountain Brook, Alabama

- The additional cost to implement Alternatives C and D (\$64,600) is beyond the City's current budget for work at Cahaba River Park.

The results of the analysis performed for this report show that the right turn movement from Oakdale Drive onto Overton Road southbound is a critical movement and requires an exclusive lane. If, at some point in time the City wishes to pursue additional pedestrian crossings of the Intersection as proposed by Jefferson County, then it is recommended that additional study and conceptual design be performed to provide both the exclusive right turn movement and a safe environment for pedestrians.

Skipper Consulting, Inc.

Table 1. Intersection Capacity Analysis

Approach	Movement		Existing				Alternatives A and B				Alternatives C and D					
	AM	PM	AM	AP: School	PM	PM	AM	AP: School	PM	PM	AM	AP: School	PM	PM		
Oakdale Drive Eastbound	D	39.6	D	39.5	D	42.1	D	39.5	D	42.1	D	43.8	E	68.3	F	89.2
	D	39.1	D	41.6	D	42.2	D	40.7	D	42.2	D	43.8	E	68.3	F	89.2
	D	39.4	D	40.7	D	42.2	D	40.7	D	42.2	D	43.8	E	68.3	F	89.2
River Run Drive Westbound	D	53.9	D	41.8	D	39.5	D	39.5	D	39.5	D	43.8	E	68.3	F	89.2
	D	37.8	D	37.2	D	34.8	D	37.2	D	34.8	D	43.8	E	68.3	F	89.2
	D	37.3	D	38.3	C	34.3	D	38.3	C	34.3	D	43.8	E	68.3	F	89.2
Overton Road Northbound	D	22.0	C	20.1	B	19.6	C	21.0	C	20.1	B	19.6	C	20.2	B	19.8
	D	48.1	D	45.9	D	52.3	D	45.9	D	52.3	D	52.5	D	49.6	E	60.5
	D	41.5	D	41.7	D	45.0	D	41.7	D	45.0	D	44.8	D	44.7	D	51.4
Overton Road Southbound	C	23.2	C	22.2	C	27.8	C	23.2	C	22.2	C	23.3	C	22.2	C	21.4
	C	34.6	C	31.6	C	31.2	C	34.6	C	31.6	C	34.9	C	30.6	C	30.5
	C	32.4	C	30.7	C	30.7	C	30.7	C	30.7	C	32.2	C	30.6	C	30.5
Overall Intersection	D	41.7	D	39.5	D	36.5	D	39.5	D	36.5	D	43.8	E	68.3	F	89.2
	D	41.7	D	39.5	D	36.5	D	39.5	D	36.5	D	43.8	E	68.3	F	89.2
	D	41.7	D	39.5	D	36.5	D	39.5	D	36.5	D	43.8	E	68.3	F	89.2

Alternative A - construction of the pedestrian crossing of Overton Road as designed by Nimrod Long and Associates
 Alternative B - construction of improved curb radius from Overton Road northbound onto River Run Drive as proposed by Jefferson County
 Alternative C - construction of three additional crosswalks as proposed by Jefferson County
 Alternative D - construction of improved curb radius from Oakdale Drive onto Overton Road southbound as proposed by Skipper Consulting, Inc.

Appendix A
Existing Intersection Turning Movement
Traffic Count

TRAFFIC DATA, LLC
 1409 Turnham Lane
 Birmingham, AL 35216
 205-824-0125

Mountain Brook, AL

File Name : mbrook01
 Site Code : 00000000
 Start Date : 10/07/2014
 Page No : 1

Groups Printed: Unshifted

Start Time	OVERTON RD Southbound			RIVER RUN DR Westbound			OVERTON RD Northbound			OAKDALE DR Eastbound			Int.	Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
07:00 AM	17	35	7	49	9	5	27	21	36	14	5	10		233
07:15 AM	14	49	18	67	11	10	20	44	28	16	9	24		310
07:30 AM	18	64	18	78	14	2	44	47	33	17	13	22		358
07:45 AM	17	59	20	81	11	3	44	61	51	12	12	18		388
Total	66	194	61	273	45	20	135	173	148	59	39	74		1287
08:00 AM	18	49	7	70	6	7	9	30	49	12	14	20		281
08:15 AM	21	39	10	50	4	5	17	26	43	9	9	8		241
08:30 AM	21	37	3	40	9	6	7	26	26	14	9	11		211
08:45 AM	16	35	11	53	14	10	11	21	36	15	14	17		255
Total	76	160	31	213	33	28	44	103	158	50	46	56		998
02:30 PM	7	35	15	18	10	5	21	38	51	9	7	48		264
02:45 PM	5	33	9	34	9	13	23	63	39	14	14	25		281
Total	12	68	24	52	19	18	44	101	90	23	21	73		546
03:00 PM	6	27	13	36	9	20	20	45	41	19	4	24		264
03:15 PM	4	28	16	50	9	11	22	84	36	11	10	43		304
Total	10	55	29	86	18	31	42	109	77	30	14	67		568
04:00 PM	10	42	14	36	9	24	23	99	52	9	13	27		318
04:15 PM	14	41	15	45	11	22	29	49	54	14	16	26		336
04:30 PM	13	23	16	68	16	28	30	82	57	11	11	21		374
04:45 PM	12	46	24	52	20	14	39	54	81	9	12	19		352
Total	49	152	69	201	56	66	121	244	224	43	52	93		1390
05:00 PM	13	41	26	68	21	21	26	75	66	10	9	18		394
05:15 PM	12	50	36	58	25	17	33	60	66	5	11	38		411
05:30 PM	9	56	26	49	30	17	47	54	76	7	18	18		407
05:45 PM	6	42	34	42	19	18	45	77	49	18	27	27		404
Total	40	189	122	217	95	73	151	266	256	40	66	90		1618
Grand Total	253	818	336	1042	266	256	537	998	956	245	237	462		6404
Approach %	18.0	58.1	23.9	66.6	17.0	16.4	21.6	40.0	38.4	26.0	25.1	48.9		
Total %	4.0	12.0	5.2	16.3	4.2	4.0	6.4	15.6	14.9	3.8	3.7	7.2		

Start Time	OVERTON RD Southbound			RIVER RUN DR Westbound			OVERTON RD Northbound			OAKDALE DR Eastbound			Int.	Total			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right					
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Intersection	07:15 AM			07:45 AM			07:45 AM			07:30 AM							
Volume	67	210	61	338	294	42	22	358	117	182	161	460	57	48	84	189	1345
Percent	19.8	62.1	18.0		82.1	11.7	6.1		25.4	39.6	35.0		30.2	26.4	44.4		
Volume	17	58	20	95	81	11	3	95	44	61	51	156	12	12	18	42	388
Peak Factor															0.887		
High Int.	07:45 AM				07:45 AM				07:45 AM			07:30 AM					
Volume	17	58	20	95	81	11	3	95	44	61	51	156	17	13	22	52	
Peak Factor				0.889				0.942				0.737				0.909	

TRAFFIC DATA, LLC
 1409 Turnham Lane
 Birmingham, AL 35216
 205-824-0125

File Name : mbrook01
 Site Code : 00000000
 Start Date : 10/07/2014
 Page No : 2

Start Time	OVERTON RD Southbound				RIVER RUN DR Westbound				OVERTON RD Northbound				OAKDALE DR Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour From 07:00 AM to 08:45 AM - Peak 1 of 1																	
By Approach				07:15 AM				07:15 AM				07:15 AM					
Volume	67	210	61	338	294	42	22	358	117	182	161	460	57	48	84	189	
Percent	19.8	62.1	18.0		82.1	11.7	6.1		25.4	39.6	35.0		30.2	25.4	44.4		
High Int.	07:45 AM				07:45 AM				07:45 AM				07:30 AM				
Volume	17	56	20	95	81	11	3	95	44	61	51	156	17	13	22	52	
Peak Factor	0.889				0.942				0.737				0.908				
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Intersection 05:00 PM																	
Volume	40	189	122	351	217	95	73	385	151	296	259	676	40	65	99	204	
Percent	11.4	53.8	34.8		56.4	24.7	19.0		22.3	39.3	38.3		19.6	31.9	48.5		
Volume	12	50	36	98	56	25	17	100	33	60	68	161	5	11	36	52	
Peak Factor	0.895				0.875				0.855				0.708				0.983
High Int.	05:15 PM				05:00 PM				05:30 PM				05:45 PM				
Volume	12	50	36	98	68	21	21	110	47	54	76	177	18	27	27	72	
Peak Factor	0.895				0.875				0.855				0.708				
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																	
By Approach																	
Volume	46	193	112	351	246	62	78	406	151	296	259	676	40	65	99	204	
Percent	13.1	55.0	31.9		60.6	20.2	19.2		22.3	39.3	38.3		19.6	31.9	48.5		
High Int.	05:15 PM				04:30 PM				05:30 PM				05:45 PM				
Volume	12	50	36	98	68	16	26	110	47	54	76	177	18	27	27	72	
Peak Factor	0.895				0.923				0.855				0.708				

Appendix B

Existing Intersection Capacity Analysis Worksheets

SHORT REPORT												
General Information					Site Information							
Analyst RLC Agency or Co. Skipper Consulting Date Performed 10/14/2014 Time Period AM Peak Hour					Intersection Overton Rd at Oakdale/River Ru Area Type All other areas Jurisdiction Jefferson County Analysis Year Existing 2014							
Volume and Timing Input												
	EB			WB			NB			SB		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
Number of Lanes	0	1	1	1	1	1	1	1	0	1	1	0
Lane Group		LT	R	L	T	R	L	TR		L	TR	
Volume (vph)	57	48	84	294	42	22	117	182	161	67	210	61
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2
PHF	0.91	0.91	0.91	0.94	0.94	0.94	0.74	0.74	0.74	0.89	0.89	0.89
Pretimed/Actuated (P/A)	A	A	A	A	A	A	A	A	A	A	A	A
Startup Lost Time		2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	
Extension of Effective Green		2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	
Arrival Type		3	3	3	3	3	3	3		3	3	
Unit Extension		3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Ped/Bike/RTOR Volume	0	0	8	0	0	2	0	0	0	0	0	0
Lane Width		12.0	12.0	12.0	12.0	12.0	12.0	12.0		12.0	12.0	
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N
Parking/Hour												
Bus Stops/Hour		0	0	0	0	0	0	0		0	0	
Minimum Pedestrian Time												
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08				
Timing	G = 28.0	G = 28.0	G =	G =	G = 11.0	G = 40.0	G =	G =				
Duration of Analysis (hrs) = 0.25	Y = 4	Y = 4	Y =	Y =	Y = 3	Y = 5.1	Y =	Y =				
	Cycle Length C = 123.1											
Lane Group Capacity, Control Delay, and LOS Determination												
	EB			WB			NB			SB		
Adjusted Flow Rate	116	84	313	45	21	158	464		75	305		
Lane Group Capacity	419	366	403	424	360	403	562		280	585		
v/c Ratio	0.28	0.23	0.78	0.11	0.06	0.39	0.83		0.27	0.52		
Green Ratio	0.23	0.23	0.23	0.23	0.23	0.46	0.32		0.46	0.32		
Uniform Delay d ₁	39.2	38.8	44.6	37.6	37.2	21.4	38.3		22.7	33.8		
Delay Factor k	0.11	0.11	0.33	0.11	0.11	0.11	0.36		0.11	0.13		
Incremental Delay d ₂	0.4	0.3	9.3	0.1	0.1	0.6	9.8		0.5	0.8		
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.000	1.000		
Control Delay	39.6	39.1	53.9	37.8	37.3	22.0	48.1		23.2	34.6		
Lane Group LOS	D	D	D	D	D	C	D		C	C		
Approach Delay	39.4			51.0			41.5			32.4		
Approach LOS	D			D			D			C		
Intersection Delay	41.3											
	Intersection LOS											
	D											

Copyright © 2008 University of Florida, All Rights Reserved

HCS+™ Version 5.4

Generated: 10/14/2014 2:04 PM

SHORT REPORT												
General Information					Site Information							
Analyst RLC Agency or Co. Skipper Consulting Date Performed 10/14/2014 Time Period Aft. School Peak Hour					Intersection Overton Rd at Oakdale/River Ru Area Type All other areas Jurisdiction Jefferson County Analysis Year Existing 2014							
Volume and Timing Input												
	EB			WB			NB			SB		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
Number of Lanes	0	1	1	1	1	1	1	1	0	1	1	0
Lane Group		LT	R	L	T	R	L	TR		L	TR	
Volume (vph)	53	35	140	138	37	49	86	210	167	22	123	53
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2
PHF	0.70	0.63	0.73	0.69	0.93	0.61	0.94	0.82	0.82	0.79	0.88	0.83
Pretimed/Actuated (P/A)	A	A	A	A	A	A	A	A	A	A	A	A
Startup Lost Time		2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	
Extension of Effective Green		2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	
Arrival Type		3	3	3	3	3	3	3		3	3	
Unit Extension		3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Ped/Bike/RTOR Volume	0	0	14	0	0	5	0	0	0	0	0	0
Lane Width		12.0	12.0	12.0	12.0	12.0	12.0	12.0		12.0	12.0	
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N
Parking/Hour												
Bus Stops/Hour		0	0	0	0	0	0	0		0	0	
Minimum Pedestrian Time												
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08				
Timing	G = 28.0	G = 28.0	G =	G =	G = 10.0	G = 40.0	G =	G =				
Duration of Analysis (hrs) = 0.25	Y = 4	Y = 4	Y =	Y =	Y = 3	Y = 5.1	Y =	Y =				
	Cycle Length C = 122.1											
Lane Group Capacity, Control Delay, and LOS Determination												
	EB			WB			NB			SB		
Adjusted Flow Rate	132	173	200	40	72	91	460		28	204		
Lane Group Capacity	421	369	406	427	363	477	570		274	581		
v/c Ratio	0.31	0.47	0.49	0.09	0.20	0.19	0.81		0.10	0.35		
Green Ratio	0.23	0.23	0.23	0.23	0.23	0.46	0.33		0.45	0.33		
Uniform Delay d ₁	39.1	40.6	40.9	37.1	38.0	19.9	37.5		22.0	31.2		
Delay Factor k	0.11	0.11	0.11	0.11	0.11	0.11	0.35		0.11	0.11		
Incremental Delay d ₂	0.4	0.9	0.9	0.1	0.3	0.2	8.4		0.2	0.4		
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.000	1.000		
Control Delay	39.5	41.6	41.8	37.2	38.3	20.1	45.9		22.2	31.6		
Lane Group LOS	D	D	D	D	D	C	D		C	C		
Approach Delay	40.7			40.4			41.7			30.4		
Approach LOS	D			D			D			C		
Intersection Delay	39.3											
	Intersection LOS											
	D											

Copyright © 2008 University of Florida, All Rights Reserved

HCS+™ Version 5.4

Generated: 10/14/2014 2:16 PM

SHORT REPORT												
General Information						Site Information						
Analyst RLC Agency or Co. Skipper Consulting Date Performed 10/14/2014 Time Period PM Peak Hour						Intersection Overton Rd at Oakdale/River Ru Area Type All other areas Jurisdiction Jefferson County Analysis Year Existing 2014						
Volume and Timing Input												
	EB			WB			NB			SB		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
Number of Lanes	0	1	1	1	1	1	1	1	0	1	1	0
Lane Group	LT	R	L	T	R	L	TR	L	TR	L	TR	
Volume (vph)	40	65	99	217	95	73	151	266	259	40	189	122
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2
PHF	0.71	0.71	0.71	0.88	0.88	0.88	0.96	0.96	0.96	0.90	0.90	0.90
Pretimed/Actuated (P/A)	A	A	A	A	A	A	A	A	A	A	A	A
Startup Lost Time		2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	
Extension of Effective Green		2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	
Arrival Type		3	3	3	3	3	3			3	3	
Unit Extension		3.0	3.0	3.0	3.0	3.0	3.0			3.0	3.0	
Ped/Bike/RTOR Volume	0	0	10	0	0	7	0	0	0	0	0	0
Lane Width		12.0	12.0	12.0	12.0	12.0	12.0			12.0	12.0	
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N
Parking/Hour												
Bus Stops/Hour		0	0	0	0	0	0			0	0	
Minimum Pedestrian Time												
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08				
Timing	G = 28.0 Y = 4	G = 21.0 Y = 4	G = Y =	G = Y =	G = 9.0 Y = 3	G = 40.0 Y = 5.1	G = Y =	G = Y =				
Duration of Analysis (hrs) = 0.25							Cycle Length C = 114.1					
Lane Group Capacity, Control Delay, and LOS Determination												
	EB			WB			NB			SB		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
Adjusted Flow Rate	148	125	247	108	75	157	547			44	346	
Lane Group Capacity	342	296	434	457	388	388	605			236	615	
v/c Ratio	0.43	0.42	0.57	0.24	0.19	0.40	0.90			0.19	0.56	
Green Ratio	0.18	0.18	0.25	0.25	0.25	0.47	0.35			0.47	0.35	
Uniform Delay d ₁	41.3	41.2	37.8	34.5	34.1	18.9	35.2			21.0	30.0	
Delay Factor k	0.11	0.11	0.16	0.11	0.11	0.11	0.43			0.11	0.16	
Incremental Delay d ₂	0.9	1.0	1.8	0.3	0.2	0.7	17.1			0.4	1.2	
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000			1.000	1.000	
Control Delay	42.1	42.2	39.5	34.8	34.3	19.6	52.3			21.4	31.2	
Lane Group LOS	D	D	D	C	C	B	D			C	C	
Approach Delay	42.2			37.4			45.0			30.1		
Approach LOS	D			D			D			C		
Intersection Delay	39.5			Intersection LOS						D		

Copyright © 2008 University of Florida, All Rights Reserved HCS™ Version 5.4 Generated: 10/14/2014 2:21 PM

Appendix C

Intersection Capacity Analysis Worksheets – Alternative A

SHORT REPORT												
General Information				Site Information								
Analyst RLC Agency or Co. Skipper Consulting Date Performed 10/14/2014 Time Period AM Peak Hour				Intersection Overton Rd at Oakdale/River Ru Area Type All other areas Jurisdiction Jefferson County Analysis Year Alternative A								
Volume and Timing Input												
	EB			WB			NB			SB		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
Number of Lanes	0	1	1	1	1	1	1	0	1	1	1	0
Lane Group	LT	R	L	T	R	L	TR	L	TR	L	TR	
Volume (vph)	57	48	84	294	42	22	117	182	161	67	210	61
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2
PHF	0.91	0.91	0.91	0.94	0.94	0.94	0.74	0.74	0.74	0.89	0.89	0.89
Pretimed/Actuated (P/A)	A	A	A	A	A	A	A	A	A	A	A	A
Startup Lost Time	2.0			2.0			2.0			2.0		
Extension of Effective Green	2.0			2.0			2.0			2.0		
Arrival Type	3	3	3	3	3	3	3	3	3	3	3	
Unit Extension	3.0			3.0			3.0			3.0		
Ped/Bike/RTOR Volume	0	0	8	60	0	2	0	0	0	0	0	0
Lane Width	12.0			12.0			12.0			12.0		
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N
Parking/Hour												
Bus Stops/Hour	0			0			0			0		
Minimum Pedestrian Time	15.2											
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08				
Timing	G = 28.0 Y = 4	G = 28.0 Y = 4	G = Y =	G = Y =	G = 11.0 Y = 3	G = 40.0 Y = 5.1	G = Y =	G = Y =				
Duration of Analysis (hrs) = 0.25												Cycle Length C = 123.1
Lane Group Capacity, Control Delay, and LOS Determination												
	EB			WB			NB			SB		
	Adjusted Flow Rate	116	84	313	45	21	158	464	75	305		
Lane Group Capacity	419	366	403	424	313	403	562	280	585			
v/c Ratio	0.28	0.23	0.78	0.11	0.07	0.39	0.83	0.27	0.52			
Green Ratio	0.23	0.23	0.23	0.23	0.23	0.46	0.32	0.46	0.32			
Uniform Delay d ₁	39.2	38.8	44.6	37.6	37.3	21.4	38.3	22.7	33.8			
Delay Factor k	0.11	0.11	0.33	0.11	0.11	0.11	0.36	0.11	0.13			
Incremental Delay d ₂	0.4	0.3	9.3	0.1	0.1	0.6	9.8	0.5	0.8			
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Control Delay	39.6	39.1	53.9	37.8	37.4	22.0	48.1	23.2	34.6			
Lane Group LOS	D	D	D	D	D	C	D	C	C			
Approach Delay	39.4			51.1			41.5			32.4		
Approach LOS	D			D			D			C		
Intersection Delay	41.3											
				Intersection LOS					D			

SHORT REPORT												
General Information				Site Information								
Analyst RLC Agency or Co. Skipper Consulting Date Performed 10/14/2014 Time Period Aft. School Peak Hour				Intersection Overton Rd at Oakdale/River Ru Area Type All other areas Jurisdiction Jefferson County Analysis Year Alternative A								
Volume and Timing Input												
	EB			WB			NB			SB		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
Number of Lanes	0	1	1	1	1	1	1	0	1	1	1	0
Lane Group	LT	R	L	T	R	L	TR	L	TR	L	TR	
Volume (vph)	53	35	140	138	37	49	86	210	167	22	123	53
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2
PHF	0.70	0.63	0.73	0.69	0.93	0.61	0.94	0.82	0.82	0.79	0.88	0.83
Pretimed/Actuated (P/A)	A	A	A	A	A	A	A	A	A	A	A	A
Startup Lost Time	2.0			2.0			2.0			2.0		
Extension of Effective Green	2.0			2.0			2.0			2.0		
Arrival Type	3	3	3	3	3	3	3	3	3	3	3	
Unit Extension	3.0			3.0			3.0			3.0		
Ped/Bike/RTOR Volume	0	0	14	60	0	5	0	0	0	0	0	0
Lane Width	12.0			12.0			12.0			12.0		
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N
Parking/Hour												
Bus Stops/Hour	0			0			0			0		
Minimum Pedestrian Time	15.2											
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08				
Timing	G = 28.0 Y = 4	G = 28.0 Y = 4	G = Y =	G = Y =	G = 10.0 Y = 3	G = 40.0 Y = 5.1	G = Y =	G = Y =				
Duration of Analysis (hrs) = 0.25												Cycle Length C = 122.1
Lane Group Capacity, Control Delay, and LOS Determination												
	EB			WB			NB			SB		
	Adjusted Flow Rate	132	173	200	40	72	91	460	28	204		
Lane Group Capacity	421	369	406	427	318	477	570	274	581			
v/c Ratio	0.31	0.47	0.49	0.09	0.23	0.19	0.81	0.10	0.35			
Green Ratio	0.23	0.23	0.23	0.23	0.23	0.45	0.33	0.45	0.33			
Uniform Delay d ₁	39.1	40.6	40.9	37.1	38.3	19.9	37.5	22.0	31.2			
Delay Factor k	0.11	0.11	0.11	0.11	0.11	0.11	0.35	0.11	0.11			
Incremental Delay d ₂	0.4	0.9	0.9	0.1	0.4	0.2	8.4	0.2	0.4			
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
Control Delay	39.5	41.6	41.8	37.2	38.6	20.1	45.9	22.2	31.6			
Lane Group LOS	D	D	D	D	D	C	D	C	C			
Approach Delay	40.7			40.5			41.7			30.4		
Approach LOS	D			D			D			C		
Intersection Delay	39.3											
				Intersection LOS					D			

SHORT REPORT													
General Information						Site Information							
Analyst	RLC					Intersection	Overton Rd at Oakdale/River						
Agency or Co.	Skipper Consulting					Ru							
Date Performed	10/14/2014					Area Type	All other areas						
Time Period	PM Peak Hour					Jurisdiction	Jefferson County						
						Analysis Year	Alternative A						
Volume and Timing Input													
	EB			WB			NB			SB			
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT	
Number of Lanes	0	1	1	1	1	1	1	1	0	1	1	0	
Lane Group	LT		R	L	T	R	L	TR		L	TR		
Volume (vph)	40	65	99	217	95	73	151	266	259	40	188	122	
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2	
PHF	0.71	0.71	0.71	0.88	0.88	0.88	0.96	0.96	0.96	0.90	0.90	0.90	
Pretimed/Actuated (PIA)	A	A	A	A	A	A	A	A	A	A	A	A	
Startup Lost Time	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Extension of Effective Green	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Arrival Type	3		3	3	3	3	3	3	3	3	3	3	
Unit Extension	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Ped/Bike/RTOR Volume	0	0	10	60	0	7	0	0	0	0	0	0	
Lane Width	12.0		12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N	
Parking/Hour													
Bus Stops/Hour	0		0	0	0	0	0	0	0	0	0	0	
Minimum Pedestrian Time	15.1												
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08					
Timing	G = 28.0	G = 21.0	G =	G =	G = 9.0	G = 40.0	G =	G =					
	Y = 4	Y = 4	Y =	Y =	Y = 3	Y = 5.1	Y =	Y =					
Duration of Analysis (hrs) = 0.25												Cycle Length C = 114.1	
Lane Group Capacity, Control Delay, and LOS Determination													
	EB			WB			NB			SB			
Adjusted Flow Rate	148	125	247	108	75	157	547		44	346			
Lane Group Capacity	342	296	434	457	341	388	605		236	615			
v/c Ratio	0.43	0.42	0.57	0.24	0.22	0.40	0.90		0.19	0.56			
Green Ratio	0.18	0.18	0.25	0.25	0.25	0.47	0.35		0.47	0.35			
Uniform Delay d ₁	41.3	41.2	37.8	34.5	34.3	18.9	35.2		21.0	30.0			
Delay Factor k	0.11	0.11	0.16	0.11	0.11	0.11	0.43		0.11	0.16			
Incremental Delay d ₂	0.9	1.0	1.8	0.3	0.3	0.7	17.1		0.4	1.2			
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.000	1.000			
Control Delay	42.1	42.2	39.5	34.8	34.7	19.6	52.3		21.4	31.2			
Lane Group LOS	D	D	D	C	C	B	D		C	C			
Approach Delay	42.2			37.5			45.0			30.1			
Approach LOS	D			D			D			C			
Intersection Delay	39.5			Intersection LOS									D

Copyright © 2008 University of Florida, All Rights Reserved

HCS™ Version 5.4

Generated: 10/14/2014 4:22 PM

file:///C:/Users/Rcaudle/AnnData/Local/Temp/62k1E6A.tmp

10/14/2014

Appendix D

Intersection Capacity Analysis Worksheets – Alternative C

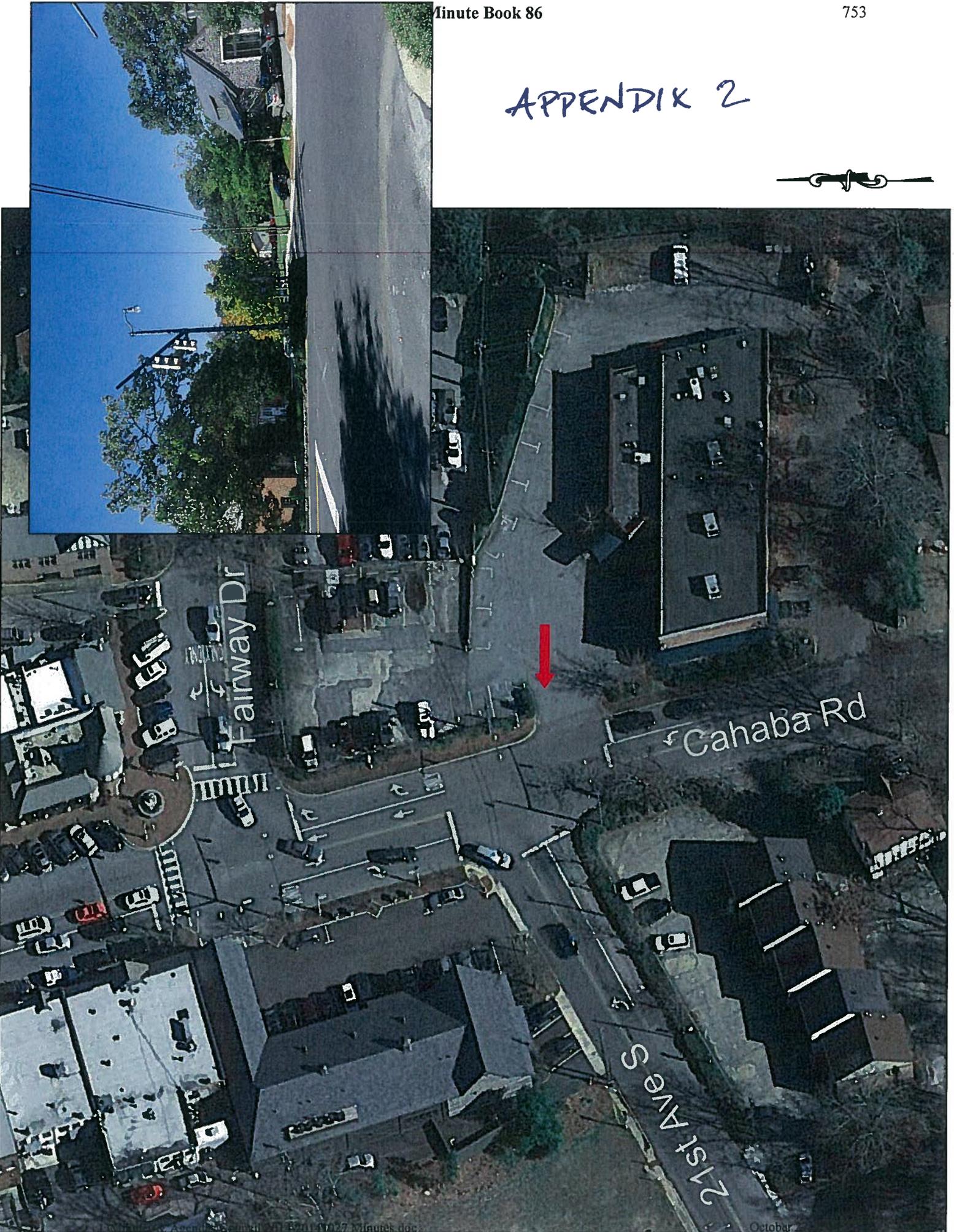
SHORT REPORT													
General Information				Site Information									
Analyst RLC Agency or Co. Skipper Consulting Date Performed 10/14/2014 Time Period AM Peak Hour				Intersection Overton Rd at Oakdale/River Area Type All other areas Jurisdiction Jefferson County Analysis Year Alternative C									
Volume and Timing Input													
	EB			WB			NB			SB			
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT	
Number of Lanes	0	1	0	1	1	1	1	1	0	1	1	0	
Lane Group	LTR			L T R			L TR			L TR			
Volume (vph)	57	48	84	294	42	22	117	182	161	67	210	61	
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2	
PHF	0.91	0.91	0.91	0.94	0.94	0.94	0.74	0.74	0.74	0.89	0.89	0.89	
Pretimed/Actuated (P/A)	A	A	A	A	A	A	A	A	A	A	A	A	
Startup Lost Time	2.0			2.0			2.0			2.0			
Extension of Effective Green	2.0			2.0			2.0			2.0			
Arrival Type	3			3			3			3			
Unit Extension	3.0			3.0			3.0			3.0			
Ped/Bike/RTOR Volume	60	0	0	60	0	2	60	0	0	60	0	0	
Lane Width	12.0			12.0			12.0			12.0			
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N	
Parking/Hour													
Bus Stops/Hour	0			0			0			0			
Minimum Pedestrian Time	20.6			15.2			26.6			29.5			
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08					
Timing	G = 28.0 Y = 4	G = 28.0 Y = 4	G = Y =	G = Y =	G = 11.0 Y = 3	G = 40.0 Y = 5.1	G = Y =	G = Y =					
Duration of Analysis (hrs) = 0.25						Cycle Length C = 123.1							
Lane Group Capacity, Control Delay, and LOS Determination													
	EB			WB			NB			SB			
	Adj. Flow Rate	Capacity	v/c Ratio	Green Ratio	Uniform Delay d ₁	Delay Factor k	Incremental Delay d ₂	PF Factor	Control Delay	Lane Group LOS	Approach Delay	Approach LOS	
Adjusted Flow Rate	208	313	45	21	158	464	75	305					
Lane Group Capacity	375	403	424	313	384	538	271	573					
v/c Ratio	0.55	0.78	0.11	0.07	0.41	0.86	0.28	0.53					
Green Ratio	0.23	0.23	0.23	0.23	0.46	0.32	0.46	0.32					
Uniform Delay d ₁	42.0	44.6	37.6	37.3	21.5	39.0	22.8	33.9					
Delay Factor k	0.15	0.33	0.11	0.11	0.11	0.39	0.11	0.14					
Incremental Delay d ₂	1.8	9.3	0.1	0.1	0.7	13.5	0.6	1.0					
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
Control Delay	43.8	53.9	37.8	37.4	22.2	52.5	23.3	34.9					
Lane Group LOS	D	D	D	D	C	D	C	C					
Approach Delay	43.8			51.1			44.8			32.6			
Approach LOS	D			D			D			C			
Intersection Delay	43.2			Intersection LOS									D

SHORT REPORT													
General Information				Site Information									
Analyst RLC Agency or Co. Skipper Consulting Date Performed 10/14/2014 Time Period Aft. School Peak Hour				Intersection Overton Rd at Oakdale/River Area Type All other areas Jurisdiction Jefferson County Analysis Year Alternative C									
Volume and Timing Input													
	EB			WB			NB			SB			
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT	
Number of Lanes	0	1	0	1	1	1	1	1	0	1	1	0	
Lane Group	LTR			L T R			L TR			L TR			
Volume (vph)	53	35	140	138	37	49	86	210	167	22	123	53	
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2	
PHF	0.70	0.63	0.73	0.69	0.93	0.61	0.94	0.82	0.82	0.79	0.88	0.83	
Pretimed/Actuated (P/A)	A	A	A	A	A	A	A	A	A	A	A	A	
Startup Lost Time	2.0			2.0			2.0			2.0			
Extension of Effective Green	2.0			2.0			2.0			2.0			
Arrival Type	3			3			3			3			
Unit Extension	3.0			3.0			3.0			3.0			
Ped/Bike/RTOR Volume	60	0	0	60	0	5	60	0	0	60	0	0	
Lane Width	12.0			12.0			12.0			12.0			
Parking/Grade/Parking	N	-3	N	N	0	N	N	0	N	N	0	N	
Parking/Hour													
Bus Stops/Hour	0			0			0			0			
Minimum Pedestrian Time	18.0			15.2			6.0			29.5			
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08					
Timing	G = 28.0 Y = 4	G = 28.0 Y = 4	G = Y =	G = Y =	G = 10.0 Y = 3	G = 40.0 Y = 5.1	G = Y =	G = Y =					
Duration of Analysis (hrs) = 0.25						Cycle Length C = 122.1							
Lane Group Capacity, Control Delay, and LOS Determination													
	EB			WB			NB			SB			
	Adj. Flow Rate	Capacity	v/c Ratio	Green Ratio	Uniform Delay d ₁	Delay Factor k	Incremental Delay d ₂	PF Factor	Control Delay	Lane Group LOS	Approach Delay	Approach LOS	
Adjusted Flow Rate	324	200	40	72	91	460	28	204					
Lane Group Capacity	364	406	427	316	448	546	264	565					
v/c Ratio	0.89	0.49	0.09	0.23	0.20	0.84	0.11	0.36					
Green Ratio	0.23	0.23	0.23	0.23	0.45	0.33	0.45	0.33					
Uniform Delay d ₁	45.6	40.9	37.1	38.3	19.9	38.1	22.0	31.3					
Delay Factor k	0.41	0.11	0.11	0.11	0.11	0.38	0.11	0.11					
Incremental Delay d ₂	22.7	0.9	0.1	0.4	0.2	11.5	0.2	0.4					
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
Control Delay	68.3	41.8	37.2	38.6	20.2	49.6	22.2	31.7					
Lane Group LOS	E	D	D	D	C	D	C	C					
Approach Delay	68.3			40.5			44.7			30.6			
Approach LOS	E			D			D			C			
Intersection Delay	46.9			Intersection LOS									D

SHORT REPORT													
General Information							Site Information						
Analyst <i>RLC</i> Agency or Co. <i>Skipper Consulting</i> Date Performed <i>10/14/2014</i> Time Period <i>PM Peak Hour</i>							Intersection <i>Overton Rd at Oakdale/River</i> Ru Area Type <i>All other areas</i> Jurisdiction <i>Jefferson County</i> Analysis Year <i>Alternative C</i>						
Volume and Timing Input													
	EB			WB			NB			SB			
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT	
Number of Lanes	0	1	1	1	1	1	1	1	0	1	1	0	
Lane Group	<i>LT R</i>			<i>L T R</i>			<i>TR</i>			<i>L TR</i>			
Volume (vph)	40	65	99	217	95	73	151	266	259	40	189	122	
% Heavy Vehicles	2	2	2	2	2	2	2	2	2	2	2	2	
PHF	0.71	0.71	0.71	0.88	0.88	0.88	0.96	0.96	0.96	0.90	0.90	0.90	
Pretimed/Actuated (PIA)	A	A	A	A	A	A	A	A	A	A	A	A	
Startup Lost Time		2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0		
Extension of Effective Green		2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0		
Arrival Type		3	3	3	3	3	3	3		3	3		
Unit Extension		3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0		
Ped/Bike/RTOR Volume	0	0	10	60	0	7	0	0	0	0	0	0	
Lane Width		12.0	12.0	12.0	12.0	12.0	12.0	12.0		12.0	12.0		
Parking/Grader/Parking	N	-3	N	N	0	N	N	0	N	N	0	N	
Parking/Hour													
Bus Stops/Hour		0	0	0	0	0	0	0		0	0		
Minimum Pedestrian Time					15.1								
Phasing	WB Only	EB Only	03	04	Excl. Left	NS Perm	07	08					
Timing	G = 28.0 Y = 4	G = 21.0 Y = 4	G = Y =	G = Y =	G = 9.0 Y = 3	G = 40.0 Y = 5.1	G = Y =	G = Y =					
Duration of Analysis (hrs) = 0.25	Cycle Length C = 114.1												
Lane Group Capacity, Control Delay, and LOS Determination													
	EB			WB			NB			SB			
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT	
Adjusted Flow Rate	148	125	247	108	75	157	547		44	346			
Lane Group Capacity	342	296	434	457	341	388	605		236	615			
w/c Ratio	0.43	0.42	0.57	0.24	0.22	0.40	0.90		0.19	0.56			
Green Ratio	0.18	0.18	0.25	0.25	0.25	0.47	0.35		0.47	0.35			
Uniform Delay d ₁	41.3	41.2	37.8	34.5	34.3	18.9	35.2		21.0	30.0			
Delay Factor k	0.11	0.11	0.16	0.11	0.11	0.11	0.43		0.11	0.16			
Incremental Delay d ₂	0.9	1.0	1.8	0.3	0.3	0.7	17.1		0.4	1.2			
PF Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000		1.000	1.000			
Control Delay	42.1	42.2	39.5	34.8	34.7	19.6	52.3		21.4	31.2			
Lane Group LOS	D	D	D	C	C	B	D		C	C			
Approach Delay	42.2			37.6			45.0			30.1			
Approach LOS	D			D			D			C			
Intersection Delay	39.5			Intersection LOS									D

Copyright © 2008 University of Florida, All Rights Reserved HCS™ Version 5.4 Generated: 10/15/2014 9:38 AM

APPENDIX 2



[This page is blank intentionally.]

**MINUTES OF THE REGULAR MEETING OF THE
CITY COUNCIL OF THE CITY OF MOUNTAIN BROOK, ALABAMA
OCTOBER 27, 2014**

The City Council of the City of Mountain Brook, Alabama met in public session in the City Hall Council Chamber at 7:00 p.m. on Monday, the 27th day of October, 2014. The Council President called the meeting to order and the roll was called with the following results:

Present: Virginia C. Smith, Council President
Amy G. Carter, Council President Pro Tempore
Jack D. Carl
Jesse S. Vogtle, Jr.
Lawrence T. Oden, Mayor

Absent: William S. Pritchard, III

Also present were City Attorney Carl Johnson, City Manager Sam Gaston, and City Clerk Steven Boone.

The City Council President stated that a quorum was present and that the meeting was open for the transaction of business.

1. RECOGNITION OF GUESTS

Council President Smith recognized several Boy Scouts from Troops 53, 63 and 28 in attendance for their Citizenship in the Community merit badge.

2. JUDGE SHANTA OWENS, PRESIDING JUDGE OF THE JEFFERSON COUNTY DRUG COURT

Judge Owens requested the support of the voters in her upcoming bid for re-election to the Jefferson County Drug Court (Appendix 1).

3. CONSENT AGENDA

Council President Smith announced that the following matters will be considered at one time on the consent agenda provided no one in attendance objects:

Approval of the minutes of the September 22, 2014 meeting of the City Council

Approval of the minutes of the October 13, 2014 meetings of the City Council

2014-139	Reappoint Charles E. Carper, IV to the Park and Recreation Board	Exhibit 1
2014-140	Reappoint William T. ("Bill") Warren to the Tree Commission	Exhibit 2
2014-141	Authorize the creation of one (1) Geographic Information Systems Technician II position for the Planning Department	Exhibit 3, Appendix 2
2014-142	Authorize a service agreement with the Alabama Ballet	Exhibit 4, Appendix 3
2014-143	Authorize the execution of an engagement letter for the 2014 annual financial audit.	Exhibit 5, Appendix 4

2014-144	Authorize the following fiscal 2014 [cash and surplus] intrafund transfers: 1) \$49,115 from the Park Board (115) to General Operations (100), 2) \$58,631 from General Operations (100) to Emergency Reserves (146), and 3) \$1,176,161 from General Operations (100) to Capital-Infrastructure Projects (417)	Exhibit 6, Appendix 5
2014-145	Authorize the execution of Fire Protection and Emergency Medical Services agreement with C-K Breckenridge, LLC	Exhibit 7, Appendix 6
2014-146	Authorize the execution of the Cahaba River Park project contract change-order no. 1 in the amount of \$23,239.97 with respect to the contract between the City and Landscape Services, Inc. (Resolution No. 2014-050)	Exhibit 8, Appendix 7

Thereupon, the foregoing minutes and resolutions were introduced by Council President Smith and their immediate adoption was moved by Council member Vogtle. The minutes and resolutions were then considered by the City Council. Council President Pro Tempore Carter seconded the motion to adopt the foregoing minutes and resolutions. Then, upon the question being put and the roll called, the vote was recorded as follows:

Ayes: Virginia C. Smith, Council President
Amy G. Carter, Council President Pro Tempore
Jack D. Carl
Jesse S. Vogtle, Jr.

Nays: None

Council President Smith thereupon declared that said minutes and Resolution Nos. 2014-139 through 2014-146 are adopted by a vote of 4-0.

4. ANNOUNCEMENT REGARDING THE NEXT REGULAR MEETING OF THE CITY COUNCIL

Council President Smith announced that the next [organizational] meeting of the Mountain Brook City Council will be held on Monday, November 3, 2014 at 7:30 a.m. in the Council Chamber of City Hall located at 56 Church Street, Mountain Brook, AL 35213. Please visit the City's web site (www.mtnbrook.org) for more information.

5. ADJOURNMENT

There being no further business to come before the City Council at this time, Council President Smith adjourned the meeting.



Steven Boone, City Clerk

EXHIBIT 1

RESOLUTION NO. 2014-139

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that Charles E. Carper, IV, is hereby reappointed to the Park and Recreation Board, to serve without compensation, with the term of office to end October 25, 2019.

EXHIBIT 2**RESOLUTION NO. 2014-140**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that William T. (“Bill”) Warren is hereby reappointed to the Tree Commission, to serve without compensation, with the term of office to end October 29, 2017.

EXHIBIT 3**RESOLUTION NO. 2014-141**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama that the City Council hereby authorizes, subject to review and approval by the Personnel Board of Jefferson County, the creation of one (1) Geographic Information Systems Technician II position (Class no. 2573, G22/10) for the Planning Department to be filled at the discretion of the City Manager in accordance with the “Rules and Regulations” of the Personnel Board of Jefferson County.

APPENDIX 2**EXHIBIT 4****RESOLUTION NO. 2014-142**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that either the Mayor or the City Manager of the City is hereby authorized and directed, for and on behalf of the City, to enter into a contract with the Alabama Ballet subject to such minor changes as may be determined appropriate by the City Attorney, a copy of which contract is attached hereto as Exhibit A.

APPENDIX 3**EXHIBIT 5****RESOLUTION NO. 2014-143**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that the City Council hereby authorizes the execution of an engagement letter with respect to the annual financial and single audit to be performed by Carr, Riggs & Ingram, LLC, in the form as attached hereto as Exhibit A.

APPENDIX 4**EXHIBIT 6****RESOLUTION NO. 2014-144**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that the City Council hereby authorizes the following fiscal 2014 [cash and surplus] intrafund transfers:

- 1) \$ 49,115 from the Park Board (115) to General Operations (100)
- 2) \$ 58,631 from General Operations (100) to Emergency Reserves (146)
- 3) \$1,176,161 from General Operations (100) to Capital-Infrastructure Projects (417)

APPENDIX 5

EXHIBIT 7**RESOLUTION NO. 2014-145**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that either the Mayor or the City Manager of the City is hereby authorized and directed, for and on behalf of the City, to execute the following Fire Protection and Emergency Medical Services agreement(s), copy(ies) of which are attached hereto:

1. C-K Breckenridge, LLC - Exhibit A

APPENDIX 6

EXHIBIT 8**RESOLUTION NO. 2014-146**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that the City Council hereby authorizes the execution of the Cahaba River Park project contract change-order no. 1 in the amount of \$23,239.97 with respect to the contract between the City and Landscape Services, Inc. (Resolution No. 2014-050), in the form as attached hereto as Exhibit A.

APPENDIX 7

REFLECT

JUDGE SHANTA OWENS
District Judge - Place 2

VOTE NOVEMBER 4TH



COMMITMENT & RESULTS

- Presiding Judge of the largest Drug Court Program in Alabama
- Elected as District Judge for 10th Judicial Circuit of Alabama in 2008
- Reduced taxpayer burden and transformed thousands of lives by turning drug addicts into responsible, tax-paying citizens. This cut your tax bill by millions of dollars in prison costs!
- Presided over more than 25,000 cases while serving on the bench
- Recognized for running one of the most efficient courtrooms in the state by the Alabama Judicial Conference
- Former Senior Trial Prosecutor, Jefferson County District Attorney's Office
- Prosecuted hundreds of violent cases in Jefferson County, including several for Capital Murder
- Past Instructor, Birmingham Police Academy
- Endorsed by local Law Enforcement and Firefighters

COMMUNITY & LEADERSHIP

- Vestavia Hills City Schools Drug Awareness Team Member
- Leadership Birmingham Graduate
- Leadership Vestavia Hills Graduate
- Project Corporate Leadership Graduate
- Birmingham Public Library Board, Past Board Member
- Redmont School, Past Board Member
- Children's Village, Board of Directors
- The Women's Network Member
- MOMENTUM Women's Leadership Member

www.judgeowens.com

AWARDS

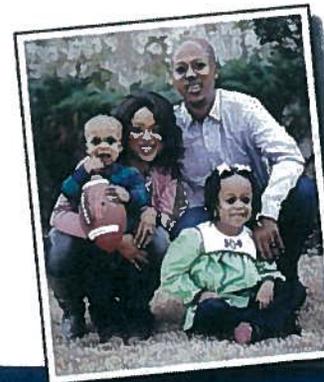
- Birmingham Magazine's 2014 "Women Who Make A Difference"
- B-Metro Magazine's 2014 Fusion Award (Honoring role models and community heroes)
- Outstanding Alumni in Law Recipient
- Silhouette of Service Honoree

EDUCATION

- Louisiana State University School of Law, *Juris Doctor and Bachelor of Civil Law*
- Université D' Aix-Marseille, Aix-en-Provence, France, *International Law Studies*
- Alabama State University, *Bachelor of Science, Summa Cum Laude*

FAITH & FAMILY

- Married for 11 years to Rahman Owens of O.Jay Fence Company
- Two children, ages 5 and 2
- The Worship Center Christian Church, Member

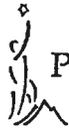


www.judgeowens.com

Printed by Committee to Elect Judge Shanta Owens • P.O. Box 130386 • Birmingham, AL 35217

10/21/2014

Job Description : The Personnel Board of Jefferson County Alabama



Personnel Board of Jefferson County

The Foundation of Your Next System Career

Class Title: GEOGRAPHIC INFORMATION SYSTEMS TECHNICIAN II

Class Number: 2573

Grade: 22

Min: 1 Max: 10

Job Summary:

Work involves creating, verifying, and editing a geographic information system (GIS) data base using specialized software for tax mapping, voter registration, addressing, engineering, or legal descriptions; provides support for special projects that relate to spatial, demographic, or tabular data contained in GIS. Work is essentially performed in an office setting. Work is performed under the direction of a supervisor and is reviewed through use of production reports for accuracy, completeness, and adherence to policies and procedures. This class is distinguished from Geographic Information Systems (GIS) Technician I by the degree of skills required, the responsibility assigned and a broader scope of duties. Assignments however, do not usually include the full range of supervisory responsibility.

Essential Functions:

Edits GIS database; adds and edits features including all topographic data (roads, buildings, hydrologic features, fences, walls, signs, etc.), cadastral data (ownership and right of way), sanitary sewers, municipal boundaries, land use, zoning, neighborhood and community boundaries, flood features, voting districts, and storm sewers. Creates and updates new data layers to the GIS database such as enterprise zones, neighborhood boundaries, buffer zones, etc. Assists in identifying and designating appropriate and predefined voting districts; assists in developing and maintaining maps, legal descriptions, communications and correspondence with parties relating to such districts; assists in identifying obstacles and formulating solutions. Plots surveys and water and sewage locations to scale on tax maps; assigns parcel identification numbers, unit numbers and addresses; draws plans for water mains and sewer lines construction; sketches plans and profiles drawings of water and sewer lines valves and hydrants. Maps metes and bounds descriptions on tax maps; writes legal descriptions concerning changes; notifies property owners, other departments, utility companies and public safety agencies of changes; plots all topography on a given job with relation to the base line; draws plans for securing right-of-way agreements or permits. Utilizes computerized mapping system to make corrections, additions, deletions, and other revisions to maps and documents; converts raster data and vector data and adds annotation information to property layers; updates and maintains graphic and text data on the Geographic Information System. Prepares zoning case maps; updates official zoning maps and reviews submitted record maps to determine compliance with local, state, federal zoning, water and sewage, and/or addressing regulation. Produces boundary descriptions and polling locations, and records annexations using a geographic information computer software system; prepares announcements regarding reorganization to distribute to the Justice Department, media and voting public. Utilizes certified land surveys or certified plats, deed descriptions, aerial photographs, and topographic manuscripts to plot parcel, locate water and sewage and subdivision metes and bounds on scaled quarter-section maps; draws maps showing lots, acreage, dimensions, roads, streams, rivers, lakes and landmarks such as schools, parks, and churches. Makes separation of values for tax letters when there is an error in tax billing; makes separation of values for partial redemptions of properties that have been sold to the state for non-payment of taxes. Utilizes various drafting instruments to calculate acreage and linear distance from maps and survey notes; utilizes planimeter and geometry to determine measure of area; draws to scale accurate portrayal of surveys, property boundaries and ownership. Assigns parcel identification numbers, unit numbers, addresses and street names; inks changes on the Mylar; edits and posts mapping cards; encodes changes on computer to update property files. Provides information to the public in person or by phone regarding agency projects, policies and or procedures; assists public with resolving questions or problems concerning real property, addresses, property boundaries, zoning and tides; assists the Board of Equalization with questions and problems concerning mapping. May maintain historical and current aerial photography for environmental, historical and public use; order photo enlargements, quality control of flight work done by contract. Plots profiles including underground utilities and cross sections, checking of accuracy and relation to the topographical drawing covering the same area; plots and draws plans for new roads and improvement of relocation for existing roads. Verifies the accuracy and currency of digital data from outside sources. Evaluates, corrects, and updates the GIS address

Supervision Exercised:

None, but the employee in this class may orient or train Interns or less experienced employees.

Work Environment:

Work is essentially performed in an office setting.

2014-141

Physical Demands:

Work is essentially sedentary with occasional walking, bending, lifting, or minimal physical activities. Work may also requires frequent

<http://ptjcal.org/employment/print.aspx?id=2573>

10/21/2014

Job Description : The Personnel Board of Jefferson County Alabama

to continuous walking, standing, sitting, and/or light lifting.

Knowledge-Skills:

Knowledge of GIS hardware and software components (i.e. Arc/Info software, AutoCAD software, standard data base program or equivalent). Knowledge of the standards for mapping and indexing systems according to local, State, and departmental specifications and guidelines. Knowledge of legal instruments and procedures used in mapping, addressing, and indexing systems. Knowledge of engineering maps and records. Knowledge of terminology, methods, practices, and computer techniques of engineering drafting. Knowledge of algebra, geometry, geodetic and plane coordinate systems used in mapping and addressing systems. Knowledge of title analysis procedures related to ownership and land description. Knowledge of the standards for mapping, addressing and indexing systems according to state, local and departmental specifications and guidelines. Knowledge of research principles, techniques and procedures. Skill in the use and care of computer and drafting equipment and instruments. Skill in the using GIS hardware and software components, i.e. Arc/Info software, AutoCAD software, etc. Ability to interpret, analyze, and apply field notes for complex drafting projects. Ability to use a digitizing board and associated computer peripherals. Ability to learn editing functions and/or spatial analysis functions on a GIS workstation. Ability to communicate effectively with written and oral instructions. Ability to establish and maintain effective working relationships with other employees and general public. Ability to use a computer keyboard. Ability to maintain data and prepare reports. Ability to develop maps, charts and graphs using a geographic information computer software system. Ability to use modern office methods, techniques and equipment.

Compensable Qualifications:

High school graduation (or GED) supplemented by course work in mechanical drawing, engineering technology, or a related field and four years experience in public works, structural, topographical, or cartographical drawings and designing with one year working with Geographic Information System, Computer Aided Design, or engineering drafting.

License/Certification Required:

None.

Minimum Qualifications:

- Completed coursework in the areas of Geographical Information Systems, Cartography, Drafting or Geography.
- Work experience using GIS Software such as Arc View, Arc Map, Arc Info or Map Info.

Preferred Qualifications:

This Classification Specification is a summary of typical or representative duties and responsibilities inherent in the job class and is not intended to be inclusive of all duties, responsibilities, and tasks performed by incumbents.

Export to Word	Class	Print
----------------	-------	-------

<http://ptjcal.org/employment/print.aspx?id=2573>

2014-141



Contract for Services - Fiscal Year 2014-15

This Contract for Services ("Contract") is entered into by and between the City of Mountain Brook, an Alabama municipal corporation ("City") and the Alabama Ballet, a not-for-profit corporation organized under the laws of the State of Alabama ("Contractor"), effective as of the date last signed below by a party ("Effective Date").

WHEREAS, the Contractor offers educational and artistic programming and services through professional performances, in-school programs and meaningful outreach efforts at no or below cost; and

WHEREAS, the City desires to increase learning opportunities and provide unique enrichment experiences for students who attend schools in the Mountain Brook system by entering into this Contract pursuant to which the Contractor will perform the educational services contemplated herein; and

WHEREAS, the Contractor's performance of the contemplated services for students who attend schools in the City will enhance the quality of life and serve a public purpose for all its citizens; and

WHEREAS, pursuant to the term, conditions and understandings in this Contract, the City desires that the Contractor provide the educational services for students provided herein.

Now wherefore, in consideration of the mutual covenants herein and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the City and Contractor agree as follows:

- 1. The City shall pay Contractor the sum of five thousand dollars (\$5,000) within fifteen (15) days following the Effective Date of this Contract.
2. The Contractor shall provide the following minimum level of services during the City's fiscal year beginning October 1, 2014 and ending September 30, 2015 (collectively, the "Services"):
a. Contractor will provide free tickets to students in the City who attend school productions.
b. Contractor will provide one Dance Discovery Workshop at a Mountain Brook City School(s) designated by the City Council or the City of Mountain Brook Board of Education.
c. For the benefit of students in City schools and at no charge to attendees, Contractor will provide one public performance or one school performance of a repertory program to consist of Agnes de Mille's Rodeo and Jiri Kylan's Six Dances at a City school or other venue to be approved by both parties.
d. In order to enhance the educational experience for students, the Contractor will provide teachers in the Mountain Brook schools pdf versions of curriculum guides for all major productions.

1

2014-142

3

etiquette, ballet vocabulary and a guide for teachers to use to supplement lesson plans regarding the ballet before and after attending the production.

- e. Contractor will keep its ballet school tuition at current rates and maintain scholarship levels for students who attend City Schools.
f. If students are charged to attend productions, Contractor will keep its ticket prices at \$20.00 per ticket for students who attend schools in the City.

Additional information concerning the Contractor and nature of the Services is provided on the attached Exhibit A, which is incorporated by reference.

- 3. Contractor shall provide all personnel, supplies, equipment and expertise necessary to fulfill its obligations under this Contract.
4. The Contractor is an independent contractor of the City. The City has no right to control the persons, agents or employees of the Contractor who provide the Services, and none of them are agents or employees of the City.
5. The Contractor shall indemnify and hold harmless the City and its agents, employees, and elected officials (collectively the "City") from and against all actions, causes, claims, demands, damages, losses and expenses of any kind, including, but not limited to attorneys' fees and court costs which may be asserted against, or suffered by the City, arising out of, or in connection with the acts or conduct of the Contractor, and its agents, employees and representatives, in performing or failing to perform any of their obligations or Services under this Agreement.
6. The Contractor agrees to utilize commercially reasonable accounting procedures which are customary to similar operations.
7. If the Contractor fails to perform or comply with any of its material obligations under this Contract, any such failure shall constitute a default hereunder unless corrected by Contractor within thirty (30) days following its receipt of written notice of such default from the City.
8. This Contract contains the complete terms, conditions, understandings, representations and covenants between the City and the Contractor concerning the matters set forth herein.

2

In witness whereof, the undersigned, duly authorized representatives of the parties have affixed their signatures with the intent to bind their respective entities to the obligations in this Contract.

ALABAMA BALLET

CITY OF MOUNTAIN BROOK, ALABAMA

By: _____

By: [Signature]

Printed Name: _____

Printed Name: Lawrence T. Odan

Its: Director

Its: Mayor

Date: _____

Date: 10/27/2014

APPENDIX 3



EXHIBIT A ADDITIONAL INFORMATION

Alabama Ballet Company

The Alabama Ballet Company (AB), formed in 1981 is second-to-none in artistic excellence as Birmingham's second largest performing arts organization and Alabama's largest professional ballet company. The mission of AB is to promote and foster the development of classical and contemporary ballet through high quality performances, dance education and community outreach.

There is a long history of ballet in Alabama, and the AB is proud to be the state's premier, professional ballet company. AB is one of only 56 ballet companies in America with budgets of \$1 million or more. AB provides the highest standard for professional dance in Alabama backed by its national reputation of being only one of seven companies licensed to perform George Balanchine's The Nutcracker.

2014/15 is our 33rd Season, and it includes five major programs on the home season and a statewide tour, with appearances in Ariston, Rainville, Tuscaloosa and Montgomery, in addition to returning for two productions at the new Alabama School of Fine Arts (ASFA) Dorothy Jamison Day Theatre.

The AB is presenting a total of 46 public performances and 12 school performances. The home season programs include All Home on September 28-October 5 (ABCD), Dracula on October 30-November 2, George Balanchine's The Nutcracker on December 12-21 (Wright Center), Cinderella on February 20-22 (Wright Center) and Ovalon on April 10-12 (ASFA) featuring Sir Frederick Ashton's Les Patineurs and a commission of new choreography.

Alabama Ballet's Current Services to Mountain Brook Residents

- 24% of the Alabama Ballet ticket buyers live in Mountain Brook
• 15% of the students in our RAD Accredited Ballet School reside in Mountain Brook
• Mountain Brook public schools attend our free school performances such as Cherokee Bend Elementary, Crestline Elementary and Mountain Brook Elementary
• The Alabama Ballet is part of the strong cultural sector of the greater Birmingham area, which makes Mountain Brook an attractive place to live and work as well as has a positive impact on the economy

AB's Current Programs

4

Professional Dance Company- AB employs forty-two professional dancers for 30 weeks a year. AB members perform classical and modern ballet for thousands of Alabama residents each year. They have classes and rehearsals five to six days a week and many serve as faculty members at numerous colleges and universities throughout the Birmingham area as well as teach students in our own Alabama Ballet School of Dance.

Alabama Ballet School of Dance (ABSD)- The ABSD opened in September 1999 at the new Alabama Ballet Center for Dance. In September 2008, the ABSD became the state's only dance school accredited by the Royal Academy of Dance (RAD). The school's faculty receives several weeks of training in order to offer a unified curriculum and students take annual RAD exams which are developed at the international level. The ABSD provides the highest quality training to aspiring artists which are specifically designed to be artistically challenging at all ages and skill levels.

Education and Community Programming- The benefits of educational and outreach programs extend beyond exposing children to the arts. Dance education improves learning, specifically math, and helps to develop social skills as well as building self-esteem. The art form also benefits because it brings in new talent that otherwise might never have made its way to a ballet class. Tracey Alvey, Alabama Ballet's Artistic Director, said, "If we didn't have education outreach, we might miss the next ballet star." AB offers numerous education and community programs including:

Dance Discovery Workshops are presented in schools for students in an assembly atmosphere to introduce basic ballet repertoire and discuss the historical context of the choreography, costumes and music. The Dance Discovery Workshops are designed for groups of 50 to 100 students where company dancers engage children in the basic history of ballet, dance terms and techniques while performing brief excerpts of work that showcase the depth and variety of the ballet repertoire. These programs are targeted for students K-8.

Free School Show Tickets are awarded to at-risk schools for each major production of the season. AB performs school shows for each major production we present throughout the season. These school shows serve more than 10,000 children from around the state. All students are provided a ticket at no cost and priority is given to students from underserved areas. More than 100 schools representing 15 counties in Alabama take advantage of our Free School Shows each year.

2nd Tuesday is a free educational program in which performances are held at the Alabama Ballet Center for Dance. Our 2nd Tuesday Series is an informal AB performance and "studio chat" with Artistic Director Tracey Alvey. These performances are free and open to the public and give a behind the scenes glimpse of our season productions.

Summer Programs include skill based programs designed to fill the needs of young dancers. Summer intensive programs for ages 12-18 are for ballet students who wish to continue their training over the summer break and focus on transitioning into higher level ballet curriculum. Junior Ballet Camp is offered for students 8-12 and Dance Camps for ages 4-7 called "Tutus and Tiaras" give younger ballet students and those new to the art form a week-long experience which culminates with an in-studio performance for participants' family and friends.

Touring Programming- AB is the state's premier, professional ballet company and brings its productions to venues throughout the state. Each year, we partner with Knox Concert Series to present George Balanchine's *The Nutcracker* in Anniston. This year, we are performing *Cherelle* in Rainesville and Montgomery, and perform Juri Kylian's *Six Dances* at multiple venues throughout the state.

Evaluation

The Alabama Ballet is a strong believer in the importance of evaluating how we meet the needs of the constituents we serve. Our goals are measured by audience attendance, number of services provided and the quality of the performances and the accomplishment of our students. Also considered are factors such as continual development of new ballet works and the presentation of works never performed in Alabama, number and attendance of community outreach programs and the feedback from constituents participating in education programs. A thorough evaluation by our Board of Trustees and staff includes a review of our organization's mission and goals, and a realistic assessment of whether or not our activities serve the core values of the organization. The Alabama Ballet education and artistic staff adhere to the standards of the Royal Academy of Dance (RAD) Curriculum, and our students and school faculty are evaluated annually by RAD representatives. This provides an annual outside assessment of the quality of educational programs.

Financial Information

• Other funding sources:

Source	Amount	Status
Alabama Power Foundation	\$10,000	Received
Alabama State Council of the Arts	\$47,000	Approved
Mike and Gillian Goodrich Foundation	\$50,000	Received
Caring Foundation	\$35,000	Pending
Hugh Kauf Foundation	\$50,000	Approved
Independent Presbyterian Foundation	\$10,000	Pending
Robert R. Meyer Foundation	\$35,000	Received
Protective Life Foundation	\$10,000	Pending
Susan Mott Webb Charitable Trust	\$25,000	Pending

Conclusion

The generous past support of the City of Mountain Brook and the residents of Mountain Brook have helped the Alabama Ballet carry out its purpose to change lives through dance. We promote and leader the development of classical and contemporary ballet through high quality performance, dance education and community outreach. With renewed contracted service funding from the City of Mountain Brook, the Alabama Ballet will maintain the highest possible standards of artistic excellence and sustain its commitment to delivering exhilarating performances, innovative educational programs and enriching community engagement programs for all the citizens of the City of Mountain Brook. Funding from local government agencies is vital to the AB as it serves as matching funds for our Operating Grant from the Alabama State Council on the Arts. Thank you for your consideration.

2014/15 Board of Trustees of Alabama Ballet

Executive Committee

Peggy Habel
Chairman
Teresa C. Shuffelbarger
Paul Chalmers
Mary Goodrich
Chairman Elect
Eric Pruitt
Secretary
Doris Woodall
Treasurer
Gloria Cochran
Tom Fox
Mary Virginia Mandel
Elven Macintosh
Celia Mitchell

Board of Trustees

Sylvia Hagan Barnes
Alisa Boatright
Betty Ferguson Brice
Karin Daniel
Dorrie Dickstein
Kevin Dobbins
Anne Copeland
Susan Diggers
Dr. C. Morgan Eiland
Shirley Brock Elliott
Shari Garton
James W. Givels
Joy Givels
Wyndi R. Hatcher
Ashley Innes
Ray Jordan
Scottie Kilgus
John A. Lacey
Dr. Lisa Marshall
Mary Morris
Kacy Ireland Mitchell
Raphael Ponce
Eva Robertson
Michael Seneby
Jane Sells
Garland Cook Smith
Courtney Stephens
Scott Vowell
R. Thomas Waterton
Mable Wherley
George Wilbanks
Honorary Board Members
Gege Bush
Jane B. Connor
Penelope Cunningham
Clara Gohardt
Barbara G. Gottlieb
Nancy K. Kennedy
Rebecca Wills
Joh Joh Pruitt

Ram Toots

Ballet Health Systems

Community Volunteer

Bolter, Drekester, Beaman, Caldwell & Berkowitz, PC

PitcairnHouseCoopers LLP

Cochran & Associates
National Tube Holding Co.
Community Volunteer
Merztrah Consulting, LLC
Community Volunteer

Southeastern Conference

Boatright Companies
Community Volunteer
Birmingham Zoo
Community Volunteer
IG Foods
Regions Bank
Magic Moments
Doctor, Image South
Bradley Arant Bouck Cummings LLP
Community Volunteer
Bradley Arant Bouck Cummings LLP
Regions Bank
Federal Hospital Slaughter Young & Ruckler, LLC
Community Volunteer
Power Buds
Community Volunteer
Merrill Lynch
Occupational Medicine Consultant
Community Volunteer
Community Volunteer
Urban Exchange Enterprises
Protective Life
Sycamore Station & Sanctuary LLC
Community Volunteer
Community Volunteer
Community Volunteer
Kellum 10th Circuit Court Judge
Bradley Arant Bouck Cummings LLP
Community Volunteer
Ovrmond Coal Sales, Inc.
Honorary Trustee Emeritas
Community Volunteer
Honorary Trustee Emeritas
Stanford University
Community Volunteer
Ballet Women's Committee
Ballet Guild of Birmingham
Fox 6

DuJoy C. Reynolds
Tanya Towns
* Honorary Trustee Emeritas

Aligazzo/Erganas
Jacin O'Hair Dance Studio
* Honorary Board Members

September 30, 2014
City of Mountain Brook
56 Church Street
Mountain Brook, AL 35215

EXHIBIT A

We are pleased to confirm our understanding of the services we are to provide the City of Mountain Brook for the year ended September 30, 2014. As part of the Government Accounting Standards Board work on revising the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we apply certain limited procedures to the City of Mountain Brook's (MSB) financial statements. We are not providing an audit or other assurance on the component units, each major fund, and the aggregate remaining fund balances. The aggregate remaining fund balances, including the component units, are presented in the basic financial statements of the City of Mountain Brook as of and for the year ended September 30, 2014. We are not providing an audit or other assurance on the component units, each major fund, and the aggregate remaining fund balances. The aggregate remaining fund balances, including the component units, are presented in the basic financial statements of the City of Mountain Brook as of and for the year ended September 30, 2014.

EXHIBIT A

Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America; the standards for financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; the Single Audit Act Amendments of 1996; and the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. The Government Auditing Standards report on internal control over financial reporting and on compliance with laws, regulations, contracts, and grant agreements that are required to be included in the audit report. The report is to be prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. The report is to be prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations.

EXHIBIT A

Management is responsible for the financial statements, schedules of expenditures of federal awards, and accompanying information as well as all representations contained therein. Management is also responsible for identifying all federal awards received and understanding and complying with the compliance requirements of the Federal Acquisition Regulation (FAR) and other non-federal awards with preparation of the financial statements, schedules of expenditures of federal awards, and related notes and that you have reviewed and approved the financial statements, schedule of expenditures of federal awards, and accompanying information. You will be required to acknowledge the management's responsibility for the financial statements, schedules of expenditures of federal awards, and accompanying information. You will be required to acknowledge the management's responsibility for the financial statements, schedules of expenditures of federal awards, and accompanying information.

September 30, 2014
City of Mountain Brook
56 Church Street
Mountain Brook, AL 35215

EXHIBIT A

Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations.

EXHIBIT A

Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations.

EXHIBIT A

Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations.

September 30, 2014
City of Mountain Brook
56 Church Street
Mountain Brook, AL 35215

EXHIBIT A

Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations.

EXHIBIT A

Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations.

EXHIBIT A

Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Management is also responsible for ensuring that the financial statements and accompanying information are prepared in accordance with the provisions of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, and may include direct confirmation of receivables and certain other assets and liabilities by correspondence with selected individuals, funding sources, creditors, and financial institutions. We will request written representations from your attorneys as part of the engagement, and they may bill you for responding to this inquiry. We will communicate with DIPiazza, LaRocca, Heister & Co, LLC regarding the audit of the Mountain Brook Library Foundation, and we will reference their audit in our report on your financial statements. At the conclusion of our audit, we will require certain written representations from you about your responsibilities for the financial statements; schedule of expenditures of federal awards; federal award programs; compliance with laws, regulations, contracts, and grant agreements; and other responsibilities required by generally accepted auditing standards.

Audit Procedures—Internal Control

Our audit will include obtaining an understanding of the government and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing, and extent of further audit procedures. Tests of controls may be performed to test the effectiveness of certain controls that we consider relevant to preventing and detecting errors and fraud that are material to the financial statements and to preventing and detecting misstatements resulting from illegal acts and other noncompliance matters that have a direct and material effect on the financial statements. Our tests, if performed, will be less in scope than would be necessary to render an opinion on internal control and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to Government Auditing Standards.

As required by OMB Circular A-133, we will perform tests of controls over compliance to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each major federal award program. However, our tests will be less in scope than would be necessary to render an opinion on those controls and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to OMB Circular A-133.

An audit is not designed to provide assurance on internal control or to identify significant deficiencies or material weaknesses. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards, Government Auditing Standards, and OMB Circular A-133.

Audit Procedures—Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of the City of Mountain Brook's compliance with provisions of applicable laws, regulations, contracts, and agreements, including grant agreements. However, the objective of those procedures will not be to provide an opinion on overall compliance and we will not express such an opinion in our report on compliance issued pursuant to Government Auditing Standards.

OMB Circular A-133 requires that we also plan and perform the audit to obtain reasonable assurance about whether the auditee has complied with applicable laws and regulations and the provisions of contracts and grant agreements applicable to major programs. Our procedures will consist of tests of transactions and other applicable procedures described in the OMB Circular A-133 Compliance Supplement for the types of compliance requirements that could have a direct and material effect on each of City of Mountain Brook's major programs. The purpose of these procedures will be to express an opinion on City of Mountain Brook's compliance with requirements applicable to each of its major programs in our report on compliance issued pursuant to OMB Circular A-133.

2014-143

become 30 days or more overdue and may not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed upon written notification of termination, even if we have not completed our report(s). You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket costs through the date of termination. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

In the event of a dispute between the parties which arises out of or relates to this contract or engagement letter, the breach thereof or the services provided or to be provided hereunder, and, if the dispute cannot be settled through negotiation, the parties agree that before initiating arbitration, litigation or some other dispute resolution procedure, they will first try in good faith to resolve the dispute through non-binding mediation. The mediation will be administered by the American Arbitration Association under its Dispute Resolution Rules for Professional Accounting and Related Services Disputes. The costs of any mediation proceedings shall be shared equally by all parties.

We appreciate the opportunity to be of service to the City of Mountain Brook and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the enclosed copy and return it to us.

Very truly yours,

Carr, Riggs & Ingram, L.L.C.

RESPONSE:

This letter is in full agreement with the understanding of the City of Mountain Brook, Alabama.

By *Mayor*

Title Mayor

Date 10/29/2014

Date

2014-143

EXHIBIT A

EXHIBIT A

APPENDIX 4

Engagement Administration, Fees, and Other

Although it is not anticipated at this time, it is possible that we may use third-party service providers in serving your account. We may share confidential information about you with these service providers, but remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures, and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the third-party service provider. Furthermore, we will remain responsible for the work provided by any such third-party service providers.

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

At the conclusion of the engagement, we will complete the appropriate sections of the Data Collection Form that summarizes our audit findings. It is management's responsibility to submit the reporting package (including financial statements, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditors' reports, and corrective action plan) along with the Data Collection Form to the federal audit clearinghouse. We will coordinate with you the electronic submission and certification. If applicable, we will provide copies of our report for you to include with the reporting package you will submit to pass-through entities. The Data Collection Form and the reporting package must be submitted within the earlier of 30 days after receipt of the auditors' reports or nine months after the end of the audit period, unless a longer period is agreed to in advance by the cognizant or oversight agency for audits.

We will provide copies of our reports to the City; however, management is responsible for distribution of the reports and the financial statements. Unless restricted by law or regulation, or containing privileged and confidential information, copies of our reports are to be made available for public inspection.

The audit documentation for this engagement is the property of Carr, Riggs & Ingram, L.L.C., and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to Cognizant Agency, Oversight Agency for Audit, Pass-through entity or its designee, a federal agency providing direct or indirect funding, or the U.S. Government Accountability Office for purposes of a quality review of the audit, to resolve audit findings, or to carry out oversight responsibilities. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Carr, Riggs & Ingram, L.L.C., personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the aforementioned parties. These parties may intend, or decide, to distribute the copies of information contained therein to others, including other governmental agencies.

The audit documentation for this engagement will be retained for a minimum of five years after the report release date or for any additional period requested by the Cognizant or Grantor Agency. If we are aware that a federal awarding agency, pass-through entity, or auditee is contesting an audit finding, we will contact the party(ies) contesting the audit finding for guidance prior to destroying the audit documentation.

Our fee for these services will be at our standard hourly rates plus out-of-pocket costs (such as report reproduction, word processing, postage, travel, copies, telephone, etc.) except that we agree that our gross fee, including expenses, will not exceed \$29,000 (City) and \$2,000 (Library) (not including a Single Audit, if required). Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Our invoices for these fees will be rendered each month as work progresses and are payable on presentation. In accordance with our firm policies, work may be suspended if your account

2014-143



CITY OF MOUNTAIN BROOK

P. O. Box 130009
 Mountain Brook, Alabama 35213-0009
 Telephone: 205.802.2400
 www.mtnbrook.org

MEMORANDUM

TO: Sam Gaston, City Manager
FROM: Steven Boone *S. Boone*
DATE: October 22, 2014
SUBJECT: Intrafund transfers for the year ended September 30, 2014
C: Mayor and members of the City Council

While not finalized, the City's 2014 General Fund surplus is going to exceed the amount budgeted. Accordingly, I am recommending the following intrafund [cash and surplus] transfers:

Fund	Description	Budgeted (Surplus) Deficit	Projected (Surplus) Deficit	Recommended Transfers	Adjusted (Surplus) Deficit	Projected (Fund Balance) Deficit
General Fund						
100	General Operations	(\$486,000)	(\$1,967,910)	\$1,185,677	(\$782,233)	(\$10,232,443)
115	Park Board	0	(50,354)	49,115	(1,239)	(150,000)
132-153	All other	1,500	18	0	18	(30,302)
146	Emergency Reserves	(32,200)	(103,248)	(58,631)	(161,879)	(2,400,000)
70X	Library	54,125	(4,632)	0	(4,632)	(198,485)
	Subtotal	(\$462,575)	(\$2,126,126)	\$1,176,161	(\$949,965)	(\$13,011,230)
Capital Projects Fund						
417	Infrastructure	\$758,220	\$234,109	(\$1,176,161)	(\$942,052)	(\$4,218,055)
428	Grant-Funded Sidewalks	223,075	397,648	0	397,648	(80,432)
441	City Capital Projects	(622,890)	(823,627)	0	(823,627)	(7,576,463)
	Subtotal	\$358,405	(\$191,870)	(\$1,176,161)	(\$1,368,031)	(\$11,874,950)

Adjustments yet to be made to the financial statements include: 1) accounts payable invoices applicable to 2014 not yet received, and 2) 2014 tax and license revenue accruals to be made after 11/30/2014.

APPENDIX 5

AGREEMENT

This Agreement is made and entered into by and between C-K Breckenridge LLC ("Owner"), and the City of Mountain Brook, an Alabama municipal corporation ("City").

CK- Breckenridge LLC
c/o CLK Management corporation
135 Crossways Park Drive, Suite 401
Woodbury, New York 11797

RECITALS

1. Owner owns Breckenridge Apartments, an apartment building, which are located at, and contiguous to, 3209 Greendale Place, Jefferson County, Alabama 35243 which is within the police jurisdiction of the City ("Building").
2. Owner has requested that the City provide or otherwise make available to Owner and the occupants of the Building fire protection and emergency medical services.
3. The City has agreed to make available to the Building and the occupants thereof such fire protection and emergency medical services upon the terms and conditions contained in this Agreement and Owner agrees to such terms and conditions.

AGREEMENTS

1. The City agrees to make available fire protection for the Building and to make available emergency medical services to the occupants of the Building.
2. The term of this Agreement shall be for a period of three (3) years beginning January 1, 2015 through December 31, 2017.
3. In consideration of City's agreement to provide and make available said services, C-K Breckenridge LLC shall pay to the City a fee, the amount of which shall not exceed the cost (direct costs and overhead expenses) incurred by the City to ensure the availability of personnel, equipment, and infrastructure required to make available such services. Owner and the City agree that the fee for the 3-year term shall be as follows:

2015	\$16,500
2016	16,500
2017	16,500

4. To the extent that fire protection and emergency medical services are required to be allocated in the event of multiple calls for such services, houses, commercial, and institutional buildings and other buildings within the City limits of the City and residents of the City shall have priority.
5. Owner and the City shall each have the right to terminate this Agreement at any time by giving the other party hereto at least thirty (30) days prior written notice of termination. In the event of such termination by either party, the pro-rata portion of the annual fee for the remainder of the then current term of this Agreement shall be promptly refunded to the Owner.
6. Notwithstanding any other provisions contained in this Agreement, the City shall have no greater liability for negligence or breach of contract with respect to providing the services referred to herein than the limitations imposed under the provisions of the Code of

2014-145

2014-145

Alabama 1975, Section 11-93-2.

7. Nothing in this agreement shall be deemed or construed to impose, establish, or recognize a duty or obligation on the party of the City to investigate, inspect, or evaluate the Building for compliance with fire safety codes, regulations, or standards, to report or undertake any corrective or ameliorative action with respect thereto, or to create any special or enhanced standard of care with respect to the provision of services hereunder.

In witness whereof, the City of Mountain Brook has caused this Agreement to be executed by its duly authorized officer and C-K Breckenridge LLC (Owner) has caused this Agreement to be executed by its duly authorized corporate officer, all as of the 27 day of October, 2014.

Witness:

Steven Boone
Steven Boone, City Clerk

City of Mountain Brook

By: Sam S. Gaston
Sam Gaston, City Manager

C-K Breckenridge LLC

By: C-K Breckenridge Realty Corp., its managing member

By: Craig Hennisberg
Craig Hennisberg
Authorized Signatory

Witness:

Kathleen Walsler
Kathleen Walsler

EXHIBIT A

EXHIBIT A

October 16, 2014

David Cohen
Battalion Chief, Fire Marshal
Mountain Brook Fire Department
102 Tibbett Street
Mountain Brook, Alabama
35213

RE: Fire Protection and Emergency Medical Services Contract- Breckenridge Apartments

Dear Mr. Cohen:

Attached please find the Fire and Emergency Medical Services Contract mentioned above for:

Breckenridge Apartments
3209 Greendale Place
Birmingham, AL 35243

Thank you.

Sincerely,

Margaret Walsler
Margaret Walsler
Asset Manager

APPENDIX 6

2014-145

AIA Document G701™ - 2001

Change Order

PROJECT: (Name and address) CAHABA PARK MOUNTAIN BROOK, AL	CHANGE ORDER NUMBER: 001 DATE: 10/14/14	OWNER <input checked="" type="checkbox"/> ARCHITECT <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
TO CONTRACTOR: (Name and address) LANDSCAPE SERVICES, INC. 4641 HIGHWAY 280 EAST BIRMINGHAM, AL 35243	ARCHITECT'S PROJECT NUMBER: 11-300 CONTRACT DATE: 05/01/14 CONTRACT FOR: SITEWORK	

The Contract is changed as follows:
(Include, where applicable, any undeposited amount attributable to previously executed Construction Change Directives.)
Refer to Exhibit A, Change Order No. 001 Summary attached.

The original (Contract Sum) was	\$	451,018.51
The net change by previously authorized Change Orders	\$	-0-
The (Contract Sum) prior to this Change Order was	\$	451,018.51
The (Contract Sum) will be (increased) (by this Change Order in the amount of	\$	23,239.97
The new (Contract Sum), including this Change Order, will be	\$	474,258.48

The Contract Time will be (unchanged) by No (-) days.
The date of Substantial Completion as of the date of this Change Order, therefore, is unchanged.

(NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.)

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Nimrod Long and Assoc., Inc. ARCHITECT (Firm name) 2213 Morris Ave., First Floor Birmingham, AL 35203 ADDRESS BY (Signature) Joel Ellison (Typed name) 10/20/14 DATE	Landscape Services, Inc. CONTRACTOR (Firm name) 4641 Highway 280 East Birmingham, AL 35242 ADDRESS BY (Signature) William A. Newton (Typed name) DATE	City of Mountain Brook OWNER (Firm name) 56 Church Street Mountain Brook, AL 35213 ADDRESS BY (Signature) Christina T. Ober, Mayor (Typed name) 10/27/2014 DATE
--	--	---

AIA Document G701™ - 2001. Copyright © 1978, 1987, 2009 and 2001 by The American Institute of Architects. All rights reserved. WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. This document was created on 10/20/2014 14:15:06 under the terms of AIA Document G-701-2001-0101. This document is licensed by The American Institute of Architects for one-time use only, and may not be reproduced prior to its completion.

Exhibit A

Change Order No. 1 Summary

DEDUCT the Following Work:

Deduct Alternate No. 4 Water Service, Fountain and Hydrants. Deduct Thirty-Two Thousand Eight Hundred Seventy-Seven and 43/100's Dollars (-\$32,877.43).

ADD the Following Work:

Add the cost for changes to Oakdale Road and Overton Road: delete two (2) Inlet wing Inlets; add additional sidewalk, curb and gutter, top for existing Inlet and HC ramps. Add Four Thousand Eight Hundred Forty-Nine and 40/100's Dollars (+\$4,849.40). Contractor's pricing attached.

Add the cost for changes to the Pavilion Foundation: additional gravel fill for unsuitable soils condition; additional square footage of Pavilion foundation. Add Two Thousand Nine Hundred Eighty and No/100's Dollars (+\$2,980.00). Contractor's pricing attached.

Add the cost for stone columns and cedar roof and timbers. Add Forty-Eight Thousand Two Hundred Eighty-Eight and No/100's Dollars (+\$48,288.00). Contractor's pricing attached.

TOTAL Increase to Contract amount for Change Order 001: \$ +23,239.97

Attachments.



11 September 2014

Joel Ellison
Nimrod Long and Associates
2213 Morris Avenue, First Floor
Birmingham, AL 35203

Re: Cahaba Park Pavilion- Larger Pavilion Foundation

ESTIMATE

ADD	1	New Pavilion Foundation	lump sum	4,845.00	4,845.00
DEDUCT	1	Original Pavilion Foundation	lump sum	3,915.00	(3,915.00)
					Sub-Total \$930.00
ADD	1	Gravel Fill under Pavilion-Due to Unsuitable Soil Conditions	meas.	41.00	2,050.00
					Total \$2,980.00

APPENDIX 7



11 September 2014

Joel Ellison
Nimrod Long and Associates
2213 Morris Avenue, First Floor
Birmingham, AL 35203

Re: Cahaba Park Pavilion Structure

ESTIMATE

ADD	1	Stone Columns	lump sum	8,508.00
	1	Cedar Roof & Timbers	lump sum	39,780.00
				TOTAL \$48,288.00



Landscape Services, Inc.

(205) 951-9884

POST OFFICE BOX 62888
BIRMINGHAM, AL 35248

11 September 2014

Joe Phason
Nimrod Long and Associates
2213 Morris Avenue, First Floor
Birmingham, AL 35203

Re: Proposed Sidewalk Extension West of Overton Rd.

ADD	ESTIMATE			
1	Sewer Cutting and Excavation	lump sum	2,500.00	2,500.00
12	Gravel Base	cu yd	41.00	492.00
21	Curb and Gutter	lin ft.	27.45	1,976.40
432	Sidewalk	sq ft.	8.00	3,456.00
1	11C Ramp	per	225.00	225.00
1	Deck Lid for Existing Drain	lump sum	1,200.00	1,200.00
1	Backfill, Cleanup, Pine Straw	lump sum	850.00	850.00
			Sub-Total	10,699.40
DEDUCT				
-	Single Wing Inlet (Deduct)	per	2,925.00	(5,850.00)
			TOTAL	\$4,849.40

APPENDIX 7