

**MOUNTAIN BROOK CITY COUNCIL
PRE-MEETING DISCUSSION
SEPTEMBER 28, 2015**

The City Council of the City of Mountain Brook, Alabama met in public session in the Pre-council Room (A106) of City Hall at 6:00 p.m. on Monday, the 28th day of September, 2015. The Council President Pro Tempore called the meeting to order and the roll was called with the following results:

Present: William S. Pritchard, III, Council President Pro Tempore
Jack D. Carl
Lloyd C. Shelton
Alice B. Womack
Lawrence T. Oden, Mayor

Absent: Virginia C. Smith, Council President

Also present were City Attorney Carl Johnson and City Clerk Steven Boone.

1. AGENDA

1. Status report regarding the roundabout project agreements with City of Birmingham and Alabama Department of Transportation (ALDOT) (Appendix 1).
2. Stop sign on Randolph Road at its intersection with Fairway Drive – Chief Ted Cook. (Notices will be mailed to area residents and the ordinance shall be considered for adoption on October 12, 2015.)
3. Left-turn arrow signal modification on Old Leeds Road at Crosshill Road – Richard Caudle of Sain Associates. (Motion No. 2015-137 was added to the formal agenda).
4. South Brookwood Road/North Woodridge Road improvements (Appendix 2).
 - a. Crosswalk at South Brookwood Road and North Woodridge Road – Richard Caudle.
 - b. Sidewalk improvements costs and options – Ronnie Vaughn.
 - c. Redo sidewalks and add additional guardrails on South Brookwood Road – Richard Caudle and Ronnie Vaughn.
 - The members of the City Council expressed general consensus with the 170' extension of the sidewalk on North Woodridge to Westbury Place by Public Works crews.
 - The members of the City Council expressed general consensus with the installation of a [painted] crosswalk and elevated triangular island at the intersection of South Brookwood Road at its intersection with North Woodridge.
 - The Public Works Superintendent shall obtain a professional services proposal from a civil engineer for consideration at a later date yet to be determined to: 1) design the elevated traffic island at the aforementioned crosswalk to be constructed by Public Works crews, and 2) to study the sidewalk, guardrail, drainage, and embankment issues along South Brookwood Road near Brookwood Forest Elementary.
5. Second floor Library carpet project (whether to outsource moving service) – Appendix 3.
 - Library staff shall determine whether outsourcing the shelving relocation/lift will favorably affect second floor carpet installation costs. If so, then City officials shall determine whether the carpet bid award (Resolution No. 2015-094) can be modified or whether rebidding will be necessary.

- The members of the City Council expressed general agreement with the Library proceeding with an invitation to bid with respect to the shelving relocation/lift.

6. Review and discussion of the 7 p.m. City Council formal meeting agenda topics.

2. ADJOURNMENT

Upon conclusion of the City Council's review of the formal [7 p.m.] agenda issues, Council President Pro-Tempore Pritchard adjourned the meeting.

3. CERTIFICATION

I, Steven Boone, City Clerk of the City of Mountain Brook, Alabama, certify the above is a true and correct synopsis of the discussion from the work session of the City Council of the City of Mountain Brook, Alabama held at City Hall, Pre-Council Room (A106) on September 28, 2015, and that the meeting was duly called and held in all respects in accordance with the laws of the State of Alabama and bylaws of the City and that no formal action or votes were conducted at said work session.



City Clerk



Karen Fowler <fowlerk@mtnbrook.org>

Fwd: Roundabout Project Agreements

1 message

Karen Fowler <fowlerk@mtnbrook.org>
 To: Karen Fowler <fowlerk@mtnbrook.org>

Thu, Sep 24, 2015 at 8:47 AM

From: "Steve Stine" <sstine@bishopcolvin.com>
Date: September 23, 2015 at 3:02:45 PM CDT
To: "Steve Boone" <boones@mtnbrook.org>
Cc: "Sam Gaston" <gastons@MTNBROOK.org>
Subject: RE: Roundabout Project Agreements

Steve, here is where we stand on the Roundabout agreements. After the last Mt. Brook City council meeting, I did revise the Cost Sharing Agreement. I coordinated with Judge Carl on these revisions, and now he and others on the Council have accepted the changes and now the Council is amenable to signing all the agreements related to this Project (3 with ALDOT and the Cost Sharing Agmt with the COB).

I sent the revised Cost Sharing Agreement to the COB representatives, and am waiting now on the COB to signal to us that it accepts the Cost Sharing Agreement. Right now, there is an unresolved question between the COB lawyer and me about what precise steps must be undertaken in order for the Cost Sharing Agmt to become effective; our position is that it can become effective if both the COB and Mt. Brook pass respective ordinances approving it, but the COB lawyer believes there are other administrative actions (including obtaining the approval of the Alabama Attorney General) before the Cost Sharing Agreement can ever become effective.

At this point, I would not put the Roundabout Agreements on the next Mt. Brook City Council agenda. I believe we should receive some indication from Birmingham that it accepts the Cost Sharing agreement before we do that. I will follow up again with the COB and see where Birmingham stands on this.

Steve Stine
 1910 First Avenue North
 Birmingham, Alabama 35203
 Phone : (205) 251-2881
 Fax : (205) 254-3987
 Email: sstine@bishopcolvin.com

—Original Message—

From: Steve Boone [mailto:boones@mtnbrook.org]
Sent: Wednesday, September 23, 2015 10:51 AM
To: sstine@bishopcolvin.com
Subject: Roundabout

will you have a revised agreement for this agenda? If so, how soon do you think you can get it to me? Thanks.

Steven Boone

APPENDIX 1

South Brookwood Road and North Woodridge Road

This study addresses several traffic concerns related to the South Brookwood Road and North Woodridge Road. The specific concerns addressed include:

- The possibility of constructing a crosswalk crossing South Brookwood Road at the intersection of North Woodridge Road;
- The possibility of installation of a four-way stop at the intersection of North Woodridge Road at Spring Valley Court;
- The extension of the existing sidewalk on North Woodridge Road from its current terminus to Westbury Place; and
- The need for sidewalk and guardrail improvements along South Brookwood Road from Brookwood Forest Elementary School to South Brookwood Circle.

Crosswalk – North Woodridge Road at South Brookwood Road

In the vicinity of the intersection of South Brookwood Road at North Woodridge Road, there are existing sidewalks on the west side of South Woodridge Road and on the south side of South Brookwood Road. There is no crosswalk crossing South Brookwood Road to connect these two sidewalks. Observations and public comments confirm that there are a number of pedestrians who cross South Brookwood Road at this location, including school-age children. A request was received by the City of Mountain Brook to stripe a crosswalk at this location. A study was performed to determine if installation of a crosswalk at this location could be accomplished in a safe manner. In order to determine if a crosswalk could be safely installed, two questions are considered:

- First, can a pedestrian see a vehicle approaching with enough time to either make a decision to cross the roadway or complete the crossing without being struck?
- Second, can a vehicle driver see a pedestrian in the crosswalk and come to a stop before striking the pedestrian?

A speed study was performed of traffic on South Brookwood Road. This speed study indicated that the 85th percentile travel speed of traffic on South Brookwood Road in the westbound direction (toward Brookwood Road) is 28 miles per hour. The 85th percentile speed of traffic on South Brookwood Road in the eastbound direction (toward Overton Road) is 27 miles per hour. 28 miles per hour will be used as the design speed for this analysis.

In order to answer the first question, can a pedestrian see a vehicle approaching with enough time to either make a decision to cross the roadway or complete the crossing without being struck, sight distance measurements were made for the two possible pedestrian departure points. These are labeled P1 and P2 on Figure 1. These sight distance measurements were then compared to the walking time and vehicle travel speed/distance traveled in order to determine if a pedestrian can cross safely. The results of these comparisons are shown in Table 1. Please note that the pedestrian travel speed used was 3.5 feet per second, which is appropriate for elementary school-aged children.

It is possible to modify the intersection of South Brookwood Road at North Woodridge Road to construct a concrete island in place of the existing painted island. This would shorten the crossing distance. This is illustrated in Figure 2, along with a modified pedestrian departure point.



Figure 1. Pedestrian Departure Points



Figure 2. Modified Pedestrian Departure Point

South Brookwood Road and North Woodridge Road

Table 1
Pedestrian Crossing Time and Vehicle Travel Distances

Departure Location	Looking to the...	Pedestrian Clearance Distance	Pedestrian Clearance Time	Vehicle Travel Distance	Available Pedestrian Sight Distance	Crossing Safety
P1	Left	14'	4 sec.	164'	335'	OK
P1	Right	30'	9 sec.	369'	305'	NO
P2	Left	30'	9 sec.	369'	320'	NO
P2	Right	42'	12 sec.	492'	490'	Marginal
P2*	Left	14'	4 sec.	164'	320'	OK
P2*	Right	30'	9 sec.	369'	490'	OK

As shown in Table 1, there is insufficient sight distance available to the pedestrian to safely make a decision to cross South Brookwood Road at the intersection of North Woodridge Road. This is true for pedestrians on either the north or south sides of South Brookwood Road if the crosswalk is striped with the intersection in its current configuration. If a concrete island is constructed, the crossing would be safe for pedestrians on the north side of South Brookwood Road (P2*) but would still remain unsafe for pedestrians on the south side of South Brookwood Road (P1).

In order to answer the second question, can a vehicle driver see a pedestrian in the crosswalk and come to a stop before striking the pedestrian, stopping sight distance measurements were conducted for drivers on South Brookwood Road approaching the intersection of North Woodridge Road, specifically to determine the distance at which a driver could see a pedestrian in a crosswalk. This measurement was compared to the minimum required stopping sight distance from the AASHTO Policy on the Geometric Design of Highways and Streets. The results of this analysis are presented in Table 2.

Table 2
Stopping Sight Distances

Vehicle Approach	Sight Distance Required	Sight Distance Available	Sight Distance Adequate
Eastbound	120'	420'	OK
Westbound	107'	250'	OK

As shown in Table 2, a driver will be able to see a pedestrian crossing South Brookwood Road and be able to come to a stop before striking the pedestrian.

Conclusion. The results of the analyses indicate that a pedestrian will not be able to see an oncoming vehicle with enough time to make a decision whether or not to cross South Brookwood Road. This situation is helped but not fully mitigated if a concrete island is constructed in the intersection in place of the existing painted island. The analyses do, however, indicate that a vehicle approaching the intersection would have enough time to stop after the driver sees a pedestrian in the crosswalk. For the westbound direction of travel (toward Brookwood Road), this is true for speeds up to 35 miles per hour.

South Brookwood Road and North Woodridge Road

Recommendation. Based on the results of analyses and observations, it is recommended that the City of Mountain Brook favorably consider installation of a striped crosswalk crossing South Brookwood Road at North Woodridge Road, including construction of a raised concrete island in place of the existing striped island at the intersection. The crosswalk should be marked with high-visibility (ladder-style) markings and appropriate advance signage installed.

Four Way Stop – North Woodridge Road at Spring Valley Court

The intersection of North Woodridge Road at Spring Valley Court is currently controlled by stop signs on North Woodridge Road only. The City of Mountain Brook has received a request to install additional stop signs on Spring Valley Court in order to make the intersection a four-way stop. In order to evaluate this request, traffic counts and sight distance measurements were performed at the intersection. The daily traffic counts are summarized as follows:

Average Daily Traffic	
North Woodridge Road	1,500 vehicles per day
Spring Valley Court	340 vehicle per day

The traffic counts indicate that North Woodridge Road is the major road at the intersection and Spring Valley Court is the minor roadway. The stop sign placement indicates the opposite.

The sight distance measurements indicate that all sight distances significantly exceed requirements except for the sight distance looking to the left from North Woodridge Road northbound (see Figure 3). Sight distance is limited by landscaping, trees, and a house.



Figure 3. Sight Distance

The 85th percentile travel speed on Spring Valley Court eastbound approaching the intersection is 24 miles per hour. The minimum required sight distance to execute a left turn from North Woodridge Drive onto Spring Valley Court is 280 feet. The available sight distance is 275 feet. Therefore, the existing sight distance is marginal.

South Brookwood Road and North Woodridge Road

Recommendation. Based on the traffic volumes and sight distance limitations, it is recommended that the intersection of North Woodridge Road at Spring Valley Court be converted to an all-way stop. This would involve installing two additional stop signs, painting two white stop lines, and installation of four "ALL WAY" placards.

North Woodridge Road Sidewalk Extension

There is an existing sidewalk along the western side of North Woodridge Road from the intersection of South Brookwood Road up to a point approximately 170 south of Westbury Court. The City of Mountain Brook has received a request to extend the existing sidewalk. Two alternatives have been proposed for the extension. One alternative extends the sidewalk to Westbury Place (approximately 170 feet). The second alternative extends the sidewalk to Bethune Drive, which would connect to an existing sidewalk system (approximately 2,280 feet).

The extension of the sidewalk from its current terminus to Westbury Place could be accomplished by City forces for the price of materials, plus the cost to relocate one utility pole (see the following picture).



The estimated cost to extend the existing sidewalk 170 feet is approximately \$10,200 for materials and relocation of the existing utility pole.

The alternative to extend the sidewalk to Bethune Drive would involve 2,280 feet of sidewalk, four ADA wheelchair ramps, and 14 driveway crossings. Some of the driveway crossings would require significant regrading of the driveway due to the grade of the driveway. The estimated cost for this work is \$250,000. The cost estimate assumes the work would be performed by a contractor due to the length of time that would be required for the work to be performed by City forces. The first step to perform this work would be to perform a design and get a detailed cost estimate.

Recommendation. Using City forces, extend the existing sidewalk from its current terminus to Westbury Place. Consider the further extension of the sidewalk as part of a future City budget item.

South Brookwood Road and North Woodridge Road

Sidewalks and Guardrail – South Brookwood Road

Staff from the City of Mountain Brook and Skipper Consulting, Inc. met on-site on Monday, September 21, 2015 to review a request to widen the existing sidewalk and install guardrail along South Brookwood Road, from the vicinity of Brookwood Forest Elementary School westward to the vicinity of South Brookwood Circle, a distance of approximately 1,780 feet. The existing roadway and sidewalk has a variety of cross sections through the project. In general, the existing sidewalk is four feet wide the length of the project. The cross section varies between four typical sections:

- 4' sidewalk, 2' grass strip, valley gutter, travel lane
- 4' sidewalk, little to no grass strip, no valley gutter, travel lane
- 4' sidewalk, variable width grass strip with guardrail, valley gutter, travel lane
- 4' sidewalk, variable width grass strip with guardrail, travel lane

The City of Mountain Brook has received a quote for installation of guardrail for the length of the project, which is approximately \$85,000, but this does not take into account sidewalk and drainage work which would need to be performed in order to have sufficient space to install the guardrail. This budget does not include any improvement to the width of the existing sidewalk.

For example, in the following photograph, there is insufficient space to install the guardrail, so the existing sidewalk would need to be relocated. Relocation of the sidewalk would require modification to the existing drainage. Widening the sidewalk may require piping the existing ditch.



South Brookwood Road and North Woodridge Road

In the following photograph, there is sufficient space to install a guardrail. Widening of the sidewalk would require installation of a wall.



It should be notes that the majority of the bank along South Brookwood Road is composed of clay and weathered shale. These materials will not remain competent if disturbed and would require the installation of walls to prevent sloughing.

Another question arises concerning the need for guardrail in certain cross sections. For example, in an area where there is an existing grass strip and valley gutter (as illustrated in the following photograph), there is question whether guardrail is warranted.



Based on staff review and discussions, there are several questions regarding the project which are unresolved:

- What are the limits for installation of guardrail?
- What is the appropriate width for the sidewalk?
- What are the impacts to existing drainage?
- Where will walls be required if the sidewalk is widened or relocated?
- How will installation of guardrail affect parking for the school during special events?

South Brookwood Road and North Woodridge Road

- Will installation of guardrail on the edge of South Brookwood Road increase the number of sideswipe vehicle crashes?

Recommendation. Due to the number of unresolved issues and the interrelationship of the proposed guardrail, sidewalk improvements, drainage, and retaining walls, it is recommended that the City hire a consulting civil engineer to perform the necessary studies and design efforts to resolve the questions listed above, develop construction plans, and a prepare a cost estimate for the project. This effort should include interaction with the City, neighborhood, and school in order to meet the needs and expectations of all stakeholders.

North Woodridge rd. Sidewalk Extension to Westbury Pl.

170'x5'x4" Sidewalk

Concrete :	\$ 2,667.00
Power Pole Relocation:	\$ 4,000.00
Inlet Modification :	\$ 1,000.00
Form Materials :	\$ 500.00
ADA Brick :	\$ 500.00
Landscaping :	\$ 1,000.00
Misc. Materials :	\$ 500.00
Total Materials :	\$ 10,167.00

This is a estimate and prices can change due to changing prices of materials.

ALABAMA GUARDRAIL, INC.
 P O BOX 116
 CLEVELAND, ALABAMA 31609
 TELEPHONE (205) 625-3889
 FACSIMILE (205) 625-3879

QUOTE SHEET

TO:	FROM:
Johnny Harris	Keith Dillard
COMPANY:	DATE:
City of Mountain Brook	September 15, 2015
PARMATERIAL:	TOTAL NO. OF PAGES IN ORIGINAL COVER:
(205) 967-2631	1
PHONE NUMBER:	ADVERTISER REFERENCE NUMBER:
(205) 802-3869	
SE:	YOUR REFERENCE NUMBER:

QUOTE - REVISION #1

We respectfully submit the following quote for guardrail material and installation, as per your request, on your project: So. Brinkwood @ School to So. Brinkwood Circle @ Marka

ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
<u>Site #1</u>				
Install Steel Beam Guardrail Class A, Type 2	175	LF	\$34.00	\$5,950.00
Install Guardrail End Anchor Type 20 Series	2	EA	\$1,200.00	\$2,400.00
				QUOTE AMOUNT SITE #1: \$8,350.00
<u>Site #2</u>				
Install Steel Beam Guardrail Class A, Type 2	1180	LF	\$34.00	\$39,900.00
Install Guardrail End Anchor Type 20 Series	2	EA	\$1,200.00	\$2,400.00
				QUOTE AMOUNT SITE #2: \$42,300.00

TOTAL QUOTE AMOUNT SITE #1 & SITE #2: \$50,650.00

- Unit price includes mobilization, disposal, labor, material and equipment to install.
- All quotes are based on customer provided quantities.
- Payment is due on actual quantities installed.
- Alabama Guardrail, Inc. is not responsible for utilities
- Presence of any existing utilities will need to be relocated before installation.
- Price is good for 30 days.
- Request contract be issued For Unit Price, lump sum contract not acceptable.

We are pleased to submit this quote for consideration. If approved, a Purchase Order, Work Agreement or Contract will be required prior to scheduling the work to be done. Thank you for thinking of us for your guardrail needs.

Keith Dillard
 Keith Dillard, Vice President

9/24/2015

City of Mountain Brook Mail - Fwd: North Woodridge Road Issues



City of Mountain Brook

Karen Fowler <fowlerk@mtnbrook.org>

Fwd: North Woodridge Road Issues

1 message

Ted Cook <cookt@mtnbrook.org>
To: Karen Fowler <fowlerk@mtnbrook.org>

Thu, Sep 24, 2015 at 2:15 PM

Another email favoring the numerous items around South Brookwood rd. for the Council packet.

Thanks
Ted

Chief Ted Cook
Mountain Brook Police Department
101 Tibbett St.
Mountain Brook, AL 35213
(205) 802-3852



----- Forwarded message -----
From: Cecil Ingram <cecilingramprop@gmail.com>
Date: Thu, Sep 24, 2015 at 2:12 PM
Subject: North Woodridge Road Issues
To: cookt@mtnbrook.org

Chief Cook

At the City Council meeting on September 14th Stefanie Davis presented four suggestions regarding pedestrian safety:

- *Installing a pedestrian crossing at South Brookwood Road and North Woodridge Road*
- *Reconstructing sidewalks and adding guardrails along South Brookwood Road*
- *Extending the sidewalk on North Woodridge Road*
- *Creating a four-way stop sign at North Woodridge and Spring Valley Court, where there is now a two-way stop*

I am a local resident and I firmly support our neighbor. I believe the above suggestions should be implemented immediately. I see the number of children and adults in our area who utilize our streets to walk to school, to visit with friends or a means of exercise. It could also raise the property value in our area. Safer and new sidewalks / crosswalks are more than nice to have - they are a necessity. We would love to improve our pedestrian life and prevent a serious accident before it occurs.

<https://mail.google.com/mail/u/0/?ui=2&ik=4e66c531e0&view=pt&search=inbox&type=14f8b6e4503247&ui=15000c8d55136dd&siml=15000c8d55136dd>

1/2

9/24/2015

City of Mountain Brook Mail - Fwd: North Woodridge Road Issues

I have lived on this street 22 years and have wanted to get this done but have not acted. I am so glad we have a group of thoughtful and energetic new parents to push these needed changes. Thank you for your time.

Sincerely,

Cecil

Cecil W. Ingram, III
President
Cecil Ingram Properties LLC
2212 3rd Avenue North
Birmingham, AL 35203
cecil@cecilingramproperties.com
www.cecilingramproperties.com
(205) 967-0000

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2/2



MEMO

TO: Steve Boone
 FROM: Sue DeBrecht *SW*
 DATE: September 17, 2015
 SUBJECT: Moving Services for Carpet Replacement / 2nd Floor

As discussed, we are in the process of planning for carpet replacement for the second floor of the library. When replacing carpet on the first floor, book carts were rented and library staff physically removed all books from shelving in order for shelving to be moved for carpet replacement. This project required close to 800 staff hours to complete along with the expense of book cart rental and included one worker's compensation claim.

Considering the increased number of books and weight involved in the project of carpet replacement on the second floor, we obtained a quote from the company Hoover Public Library used in their recent renovation project to move their books and shelving, Florida Library Designs, Inc. After negotiating with Florida Library Designs, Inc., we obtained a quote for \$26,645 (lower than the original quote of \$32,394) to move the second floor shelving using an air lift system which does not require books to be taken off the shelves. Using this system would not only speed the project, requiring less disruption to the patrons, but would also greatly minimize the possibility of further worker's compensation claims during this project.

Below is a summary of expense incurred with the first floor project. The Library Board as well as myself believe this expense is warranted to complete the carpet replacement project. As the new carpet is carpet tile, shelves will not need to be moved in future carpet replacement projects.

Your consideration in approval of this request is appreciated.

First Floor Carpet Replacement:
 Staff hours \$15,700
 Book cart rental \$ 1,421
 Workers Comp Claim



Quote

Quote # CN1529

September 2, 2015

Customer:
 Deborah Stewart
 Emmet O'Neal Library
 Mountain Brook, AL
 205-446-1129

Quote Project Description
 Revised Emmet O'Neal Library

Item	QTY	Description	Unit	Price
1		Florida Library Designs, (FLD), provides professional moving services using the Universal Air Lift. Double Face shelving will be moved using the UAL.		26,645.00
		Single Face shelving will be unloaded onto book carts, shelving will be moved off the wall, after new carpet is install, shelving and collection will be placed back against the wall.		
		Price includes: All traveling expenses FLD supplying all moving equipment.		
		Job estimated to take 5 to 7 days with FLD working side by side with carpet company.		

Special Notes and Instructions
 Terms: Net 30 Days F.O.B. as specified above. Subject to our credit department approval. This is valid for 30 days. Sales Tax \$
 is made for immediate acceptance, and is subject to change without notice. Prices do not include applicable taxes, Freight \$
 unless noted otherwise. Collection of past due balances beyond stated terms are subject to .00% interest per day Total \$ 26645.00
 of past due balance, reasonable attorney's fees and court costs. Any color selections must be noted in writing for items to be ordered or fabricated. Indication of color selection verbally by purchaser shall be binding.

Please confirm your acceptance of this quote by signing this document, Email to Chris@FLD.COM
 Signature: _____ Print Name: _____ Date: _____

Thank you for your business!
 Florida Library Designs, Inc
 28010 NW 142nd Ave, High Springs, FL 32643
 386-454-7855

**MINUTES OF THE REGULAR MEETING OF THE
CITY COUNCIL OF THE CITY OF MOUNTAIN BROOK, ALABAMA
SEPTEMBER 28, 2015**

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 28th day of September, 2015. The Council President Pro Tempore called the meeting to order and the roll was called with the following results:

Present: William S. Pritchard, III, Council President Pro Tempore
Jack D. Carl
Lloyd C. Shelton
Alice B. Womack
Lawrence T. Oden, Mayor

Absent: Virginia C. Smith, Council President

Also present were City Attorney Carl Johnson and City Clerk Steven Boone.

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

1. RECOGNITION OF GUESTS

The members of Class of 2015–2016 Leadership Mountain Brook (Exhibit 1) introduced themselves to the elected officials.

2. MOUNTAIN BROOK CHAMBER OF COMMERCE SEMI-ANNUAL REPORT PRESENTATION (APPENDIX 1)

3. CONSENT AGENDA

Council President Pro Tempore Pritchard 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 14, 2015 regular meeting of the City Council.

2015-133	Reject all bids with respect to the fire pumper bids opened on September 8, 2015	Exhibit 2, Appendix 2
2015-134	Appoint Sim W. Johnson to the Tree Commission (replacing Steve Bostock)	Exhibit 3, Appendix 3
2015-135	Authorize: 1) the suspension of deferred compensation deposits to selected third-party depositories, and 2) authorize the execution of the following: a) State of Alabama Deferred Compensation Plan Request for Admission as a Participating Employer, b) EmPower Retirement Plan Service Center Authorization Form, and c) EmPower Retirement Banking Change Request Form	Exhibit 4, Appendix 4
2015-136	Approve the conditional (service) use application of David Nguyen (Lovely Nails) located at 2709 Culver Road	Exhibit 5, Appendix 5

2015-137 Motion Authorize the City Manager to engage Stone & Sons Electrical Contractors to implement the traffic light modifications at the intersection of Old Leeds Road at Crosshill Road as recommended in the traffic study prepared by Skipper Consulting, Inc. in consideration of \$4,808.00 Appendix 6

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

Ayes: William S. Pritchard, III, Council President Pro Tempore
Jack D. Carl
Lloyd C. Shelton
Alice B. Womack

Nays: None

Council President Pro Tempore Pritchard thereupon declared that said minutes, Resolution Nos. 2015-133 through 2015-136 and Motion No. 2015-137 are adopted by a vote of 4—0 and as evidence thereof he signed the same.

4. CONSIDERATION: ORDINANCE (NO. 1940) AUTHORIZING THE PLACEMENT OF TWO (2) STOP SIGNS ON SPRING VALLEY COURT (EASTBOUND AND WESTBOUND) AT ITS INTERSECTION WITH NORTH WOODRIDGE ROAD AND PROVIDE FOR PUNISHMENT FOR VIOLATIONS THEREOF (EXHIBIT 6, APPENDIX 7)

The ordinance was introduced in writing by Council President Pro Tempore Pritchard who then invited questions and comments from the audience.

There being no comments or discussion, Council President Pro Tempore Pritchard called for a motion. Council member Shelton made a motion that all rules and regulations which, unless suspended, would prevent the immediate consideration and adoption of said ordinance be suspended, and that unanimous consent to the immediate consideration of said ordinance is given and that the reading of the ordinance at length be waived. The motion was seconded by Council member Carl and was carried, as follows:

Ayes: William S. Pritchard, III, Council President Pro Tempore
Jack D. Carl
Lloyd C. Shelton
Alice B. Womack

Nays: None

The Council President Pro Tempore Pritchard declared the motion carried by a vote of 4—0.

After said ordinance had been considered in full by the Council, Council member Shelton then moved for the adoption of said ordinance. The motion was seconded by Council member Womack. Thereupon, Council President Pro Tempore Pritchard called for vote with the following results:

Ayes: William S. Pritchard, III, Council President Pro Tempore
Jack D. Carl
Lloyd C. Shelton
Alice B. Womack

Nays: None

The Council President Pro Tempore Pritchard declared that the said ordinance (No. 1940) is hereby adopted by a vote of 4—0 and, as evidence thereof, he signed the same.

5. ANNOUNCEMENTS REGARDING THE NEXT REGULAR MEETING OF THE CITY COUNCIL

Council President Pro Tempore Pritchard announced that the next meeting of the Mountain Brook City Council will be held on Monday, October, 12, 2015 at 7:00 p.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.

6. ADJOURNMENT

There being no further business to come before the City Council President Pro Tempore Pritchard adjourned the meeting.

7. CERTIFICATION

I, Steven Boone, City Clerk of the City of Mountain Brook, Alabama, certify the above is a true and correct transcript of the regular meeting of the City Council of the City of Mountain Brook, Alabama held at City Hall, Council Chamber (Room A108) on September 28, 2015, and that the meeting was duly called and held in all respects in accordance with the laws of the State of Alabama and bylaws of the City and that a quorum was present.



City Clerk

EXHIBIT 1**EXHIBIT 2****RESOLUTION NO. 2015-133**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that the City Council hereby rejects all bids (publicly opened on September 8, 2015) with respect to the purchase of a fire pumper.

APPENDIX 2

EXHIBIT 3**RESOLUTION NO. 2015-134**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that Sim W. Johnson is hereby appointed to the Tree Commission, to serve without compensation, with the term of office to end September 28, 2018 (replaces Stephen Bostock).

APPENDIX 3**EXHIBIT 4****RESOLUTION NO. 2015-135**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama, that the City Council hereby approves and authorizes the suspension of deferred compensation plan deposits to the following accounts: Lincoln Financial, Nationwide Retirement, and Valic the effective date to be determined at the discretion of the Finance Director.

BE IT FURTHER RESOLVED by the City Council of the City of Mountain Brook, Alabama, that the City Council hereby authorizes the execution of the following with respect to the City's participation in the State of Alabama Deferred Compensation Plan: Request for Admission as a Participating Employer, EmPower Retirement Plan Service Center Authorization Form, and EmPower Retirement Banking Change Request Form.

APPENDIX 4**EXHIBIT 5****RESOLUTION NO. 2015-136**

BE IT RESOLVED by the City Council of the City of Mountain Brook, Alabama that the City Council hereby approves the conditional service use application submitted by David Nguyen for a nail salon at 2709 Culver Road, subject to the condition that it be limited to 12 stations.

APPENDIX 5**EXHIBIT 6****ORDINANCE NO. 1940**

AN ORDINANCE TO PROVIDE FOR TWO STOP SIGNS ON SPRING VALLEY COURT (EASTBOUND AND WESTBOUND) AT ITS INTERSECTION WITH NORTH WOODRIDGE ROAD AND TO PROVIDE FOR PUNISHMENT FOR VIOLATIONS THEREOF

BE IT ORDAINED by the City Council of the City of Mountain Brook, Alabama, as follows:

Section 1. It shall be unlawful for the driver of any vehicle to cause or allow such vehicle traveling in an easterly direction along Spring Valley Court to pass its intersection with North Woodridge Road when there is standing at said intersection a "Stop" sign facing in the direction of such driver without having first brought such vehicle to a complete stop within ten (10) feet of said intersection.

Section 2. It shall be unlawful for the driver of any vehicle to cause or allow such vehicle traveling in a westerly direction along Spring Valley Court to pass its intersection with North Woodridge Road

when there is standing at said intersection a "Stop" sign facing in the direction of such driver without having first brought such vehicle to a complete stop within ten (10) feet of said intersection.

Section 3. Any person violating the provisions of this ordinance shall be punished by a fine not to exceed \$500.00, or by imprisonment not to exceed 180 days, or both.

Section 4. All ordinances or portions of ordinances conflicting with this ordinance are hereby repealed.

Section 5. This ordinance shall become effective when published as required by law.

APPENDIX 7

CITY UPDATE • SEPTEMBER 2015

MOUNTAIN BROOK
CHAMBER OF COMMERCE

APPENDIX 1

Chamber Purpose
The Mountain Brook Chamber of Commerce promotes our businesses, our community and our quality of life

Strategy
To deliver quality marketing programs and events with a focus on driving revenue to our merchants and retailers

2015 Board of Directors

- President**
Will Haver
- Executive VP**
Dan Bundy
- VP Governmental Affairs**
Rep. David Faulkner
- VP Community Affairs**
Tricia Drew
- VP Marketing/Communications**
Julie Howell
- VP Business Development**
Mark Haas
- VP Membership**
Howard Torch



City Update - September 2015

APPENDIX I

2015 Board of Directors



Past President Advisory Committee

Frank Caley, Terry Chapman, Kaye Emack, David Faulkner, Steven Hydingler, Amy Jackson, John Rucker, John Wilson, Alice Womack

Secretary..... Martha Gorham
General Counsel..... Paul DeMarco
Sustaining Member..... Sam Gaston

Treasurer..... John Wilson
Past President..... Kaye Emack
City Council Liaison..... Alice Womack

Directors at Large..... Paul Allen, Laure Brooks Bright, Ricky Bromberg, Dr. Cal Dodson, Christopher Groom, Dr. Barbara Monaghan, Laura Silsbee, Dr. Lori Smith, Dr. Jenny Sobera, Dan Starnes, Ladd Tucker, Alice Williams



City Update - September 2015

CO VPs of Retail

- Cahaba Village**..... Parker Stringfellow, Bryant Bank
- Crestline Village**..... Jimmy Tracy – Tracy's
- English Village**..... Jennifer Yarbrough – Crestline Bagel
- English Village**..... Tonya Jones – Tonya Jones SalonSpa
- MB Village**..... Elizabeth Adams - ExVoto
- Office Park**..... Mary Anne Glazner – Smith's Variety
- Office Park**..... Meredith Nelson – Southern States Bank

Non-Voting Members

- Mountain Brook City Schools Foundation**..... Alice Womack
- Mountain Brook Sports Corporation**..... Mike Morrison



2015 Board of Directors



Board Members
volunteering at
Market Day





Board
Members
planning the
2015
Membership
Drive





About Us
Photo of the month





City Update • September 2015



APPENDIX 1

Live Local Marketing Campaign



City Update • September 2015



101% increase in Facebook followers in the past year, putting us 2,000+ ahead of all area Chambers

Social Media

Over 759 new Twitter followers in the past year



Like Us On 

Overview	Likes	Reach	Video	Posts	Video	People
1		Mountain Brook Chamb	5.4K		0.7%	28 221
2		Birmingham Business A.	3.2K		-0.7%	6 9
3		Trussville Area Chambe	2.4K		-0.1%	3 22
4		Greater Shelby County	2.2K		-0.2%	153 118
5		Chamber Tuscaloosa	1.7K		-0.1%	24 120
6		Heaver Area Chamber o.	1.4K		-0.4%	6 11
7		Vestavia Hills Chamber	761		-0.2%	114 72
8		Homewood Chamber of	57		-0.2%	15 9



Mtn Brook Chamber
@shamminbro

TWEETS: 18K | FOLLOWING: 2,779 | FOLLOWERS: 5,146

The Chamber e-newsletter has an average open rate of 36% which is 11% higher than what is considered an industry high open rate. That is approximately 1800+ people that read the e-newsletter monthly.

APPENDIX I



Leadership Mountain Brook 2014 – 2015 Class

Photo of the month









2014-2015 Leadership Projects including School Furniture Recycling, Dining Guide, Little Leader Day and Work Day in Tot Lot.



Leadership Program Named for Elementary Students



Training up little leaders







J:\Minutes & Agendas\Council\2015\20150928 Minutes.doc

September 28, 2015

Live LOCAL

Leadership Mountain Brook 2015-2016 Class

Village Living
City officials meet new leadership class

APPENDIX 1

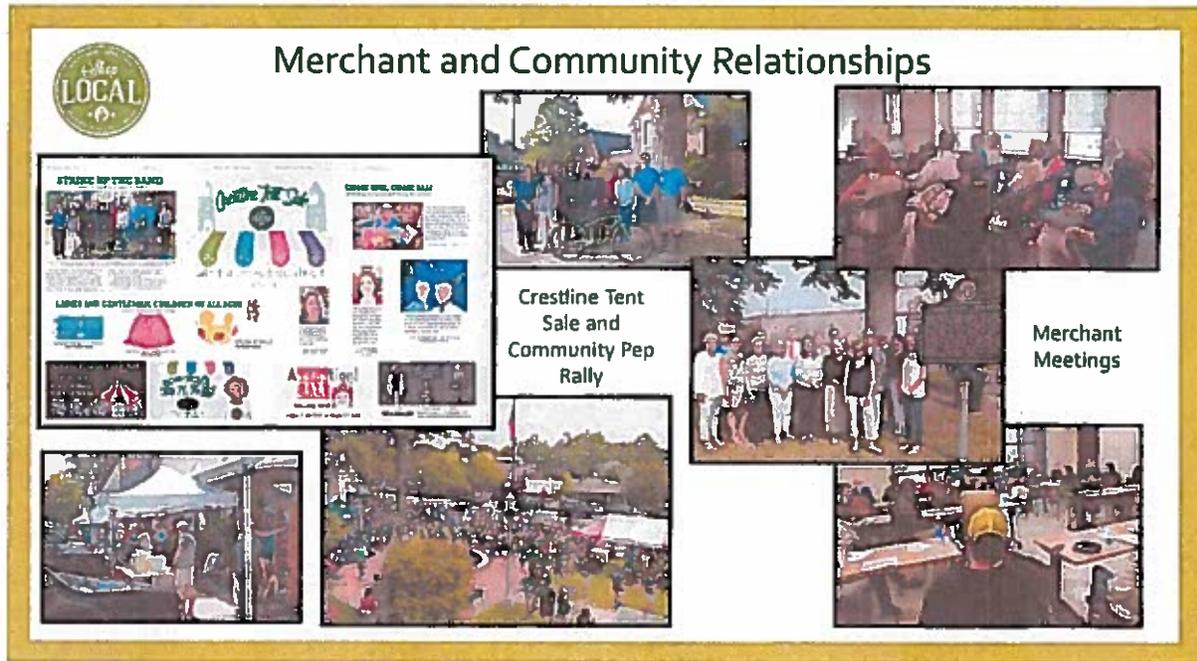
Live LOCAL

Print Advertising

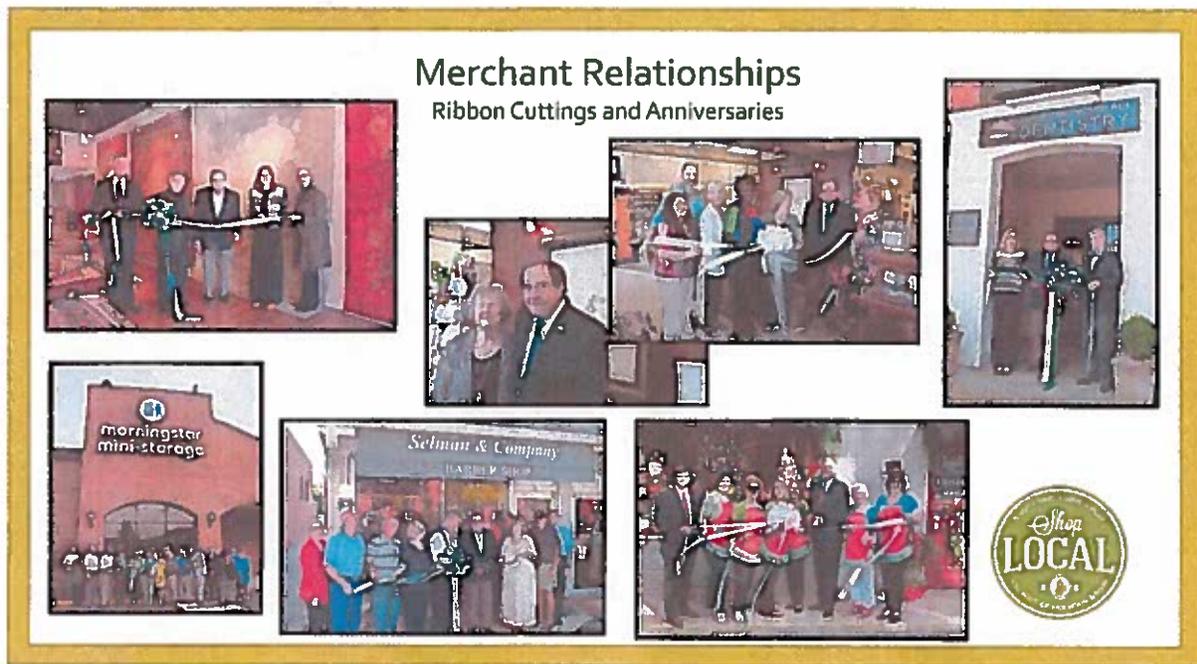
The Reporter
City Update - September 2015

2015 Visitor Guide

MOUNTAIN BROOK
CITY OF MOUNTAIN BROOK



APPENDIX I





Merchant Relationships Alabama Retail Association Awards October 6, 2015



City Update - September 2015

Mountain Brook Chamber nominated more businesses than any other community in the state for the 2015 Retailer of the Year Award.

Congratulations to Will Haver and Otey's for being selected as a 2015 Alabama Retailer of the Year



APPENDIX I

Economic Development Ground Breakings and Ribbon Cuttings



Lane Parke Ground Breaking



Cahaba River Walk Ribbon Cutting and Grand Opening



The Manning Ground Breaking



City Officials meeting with Thomas Hoffmann, new GM for The Grand Bohemian



City officials, community members attend Cahaba River Walk grand opening

Village Gold Marketing

Since rebranding Village Gold a little over a year ago, more than \$74,000.00 has been sold.

Village Gold
LOCAL

To: _____
From: _____

Amount: \$ _____

Mountain Brook Chamber of Commerce
2015

City Update • September 2015

LOCAL

Chamber members that accept Village Gold

- All Seasons A T Sport Bar
- A. Adams
- Archer Broken Egg
- Arden Pharmacy
- AutoZone
- Barnes City Jewellers
- Bill's Bar & Grill
- Burgers
- Burger & Deli
- Broadway & Co
- Chris La Vie
- Church Street Cofee & Books
- Data Centers and Antiques
- Continental Bakery
- Creative Signs
- Crystal Pharmacy
- Daniel's Garage
- Darnesth James & Son
- Drabery Kofehl Clean Services
- Drayton
- Dyer's Law Country
- Elie
- Erny's Hair
- Exotic
- James Murray Landscapes
- Candice Landscaping
- EB level Drives
- Florida Pharmacy
- Harwood Ltd. Inc.
- Housing Justice Charitable PL
- Image Arts
- Li Cafe
- S de House
- Ligonian Design Inc
- Land 11 Land LTD
- LaPa
- Leaf Ya Place
- Liberty Animal Hospital PC
- Lida
- Linda Dobbins Dance Studio
- Little Landscapes
- Little Limestone Contractors
- Little Limestone Spa & Beauty
- MAFSA-CAS
- Mega Muffs
- Meritella
- Meritella's Confections
- Mountain Creek
- Muddy & Sons
- Mountain's of Mountain Brook
- Mountain Brook Chambers
- Mountain Brook Creamery
- Mountain Brook Flower Shop
- Mountain Brook Pizzeria
- Surgery & Laser Center
- Mountain Brook Sourcing
- Gosh
- Mountain High Chiropractic
- Mulberry Heights Antiques
- Heidi's Bakery
- Oak Street Garden Shop
- Oak Street Hair Group
- Olney's Catering
- OB CD
- Olive Tree
- Over Upon A Time
- PAPA
- Oscar's Salon
- Page Strategic Chiropractic
- Pines & Sons
- Piggly Wiggly
- Pioneer Realty
- Puddle on Overton
- Ruff's Pharmacy
- Ruby Arroyo Jewellers
- Ruby 7412
- S. Hunter Pro Cream
- Saw Street Design LLC
- Smith's Variety
- SNAF 2288 Apparel
- Stronny's Cafe
- Stronny's Art Academy of Dance
- Sugar
- Sun of Thailand
- Tami's Massage
- The Clock Tower
- The Candy Shop
- The Flower Center
- The Great Little Pig
- The Light House
- The Lost Soul Running Shop
- The Whip Recs
- The Village of Mountain Brook LLC
- Urban Green Services
- Town and Country Clothing
- Tree House Inc
- TSC-4
- Urban Foundation
- Village Catering
- Village Fresh Inc
- Village Print Inc
- Village Sourdough
- W&J
- Wild Flower Cakes
- Winkler Supermarkets
- Wood's & Sons
- WPA Mountain Brook

Please visit welcometomountainbrook.com for the most current listing

APPENDIX I

Local Community Events

LOCAL

BARBER HISTORICS

Barber's car show coming to Mountain Brook Village in May

Village Living Road rally

Photos showing various community events, including car shows, road rallies, and group photos.

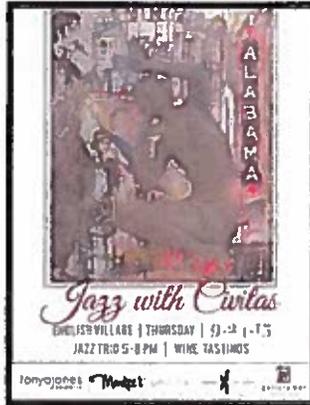


Community Events with Non-Profit Partners

Partnering with Non-Profits for our community events helps to increase awareness for the non-profit as well as the event



English Village Cinco de Mayo event benefitting The Exceptional Foundation



English Village Jazz with Civitas event benefitting Breast Cancer Research Foundation



Mountain Brook Village Spring Soiree event benefitting Mitchell's Place



APPENDIX 1



Mountain Brook Restaurant Marketing

Take a taste of Mountain Brook inaugural event set for April 26



Take a taste of Mountain Brook... [Small text describing the event]

Participating Restaurants... [List of participating restaurants]



Chamber Annual Luncheon




Coming January 2016
Emcee- State Rep David Faulkner
Incoming President- Dan Bundy
Jemison Award Winner- Miller Gorrie
Speaker- Hatton Smith



APPENDIX I

Village to Village 10K Run and NEW 8 Mile Run on Jemison Trail




Trail Mix

Happy trails

3.715 VILLAGE TO VILLAGE

Village 2 Village adds trail run

Quarterly Luncheon Elder Care Panel



MOUNTAIN BROOK Chamber of Commerce MAY LUNCHEON

2015-2016 Luncheon on Wednesday, May 13, 2015
12:00 PM - 1:30 PM
Mountain Brook Community Center, 10000 Mountain Brook Road, Mountain Brook, AL 35228



Thank you Alliance for Aging Services for your support!



LOCAL







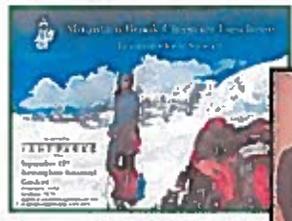


Chamber to host luncheon on elder care

The Mountain Brook Chamber of Commerce will present a quarterly luncheon on Wednesday, May 13, 2015, at 12:00 PM at the Mountain Brook Community Center. The luncheon will feature a panel of experts on elder care, including representatives from the Mountain Brook Chamber of Commerce, the Mountain Brook Senior Center, and the Mountain Brook Public Library. The luncheon is free and open to all. For more information, contact the Chamber at 205-988-1234.

APPENDIX 1

Quarterly Luncheons Kent Stewart



Mountain Brook Chamber of Commerce Luncheon

2015-2016 Luncheon on Wednesday, May 13, 2015
12:00 PM - 1:30 PM
Mountain Brook Community Center, 10000 Mountain Brook Road, Mountain Brook, AL 35228







Village Links





Rebuilding amid rubble







QJMJ



CITY OF MOUNTAIN BROOK FIRE DEPARTMENT
 102 Tibbett Street, Mountain Brook, Alabama - 35213 Phone: (205) 802-3838, Fax: (205) 879-5919



INTEROFFICE MEMORANDUM

TO: Sam Gaston, City Manager
 FROM: Robert Ezekiel, Fire Chief
 DATE: September 16, 2015
 SUBJECT: Rejection of Pumper Bids

As you know we received bids for one fire pumper and held a bid opening on September 8th at 2:00 PM. We had postured an educated guess that the pumper would cost \$170,000 so that is what we have budgeted. We received six (6) bids at the time of bid opening. The range of the bids were from \$491,802 to \$563,791. The low bidder (Bonaventure Company Inc - Rosenbauer) did meet our specifications. We spoke with Bonaventure to see if there was opportunities to get their price more in line with our budget without changing the technical requirements of the specifications. Bonaventure responded that if there was a 100% prepayment at the signing of the contract, that a bid deduction of \$16,279 could be realized (see attachments). This deduction would put us more in line with our budgeted amount and would be amenable. We touched base with our attorney, Steve Sime, to get advice regarding the deduction opportunity. In Steve's opinion, we can't take advantage of the deduction since it was not listed as an alternate in the bid package for everyone to offer deductions. Therefore, we will not be able to take advantage of the deduction options from Bonaventure.

The solution to the budget gap is to re-bid the pumper utilizing the same technical specifications for the pumper and include within the bidder instructions and the formal bid page information that would allow all bidders to offer four (4) deduction alternatives: payment for the chassis alone after chassis is delivered, 50% prepayment at signing of contract or purchase order issuance, 75% prepayment at signing of contract with the vendor having a performance/surety bond, and 100% prepayment at signing of contract with the vendor having a performance/surety bond.

We believe that we will receive bids that will fall within what we have budgeted for the pumper if we re-bid the pumper; therefore, we respectfully ask that the current bid be formally rejected via City Council action and request this be put on the next City Council meeting agenda for consideration and hopefully affirmation.

As always, I will be available for comments should anyone have questions.

Attachments



Bonaventure Fire & Safety
 162 Industrial Dr. Rayne, LA 70578 800-650-4900 (Fax) 888-426-6234

9-11-15

TO: City Of Mountain Brook Purchasing
 Ref: Bonaventure / Rosenbauer Fire truck Bid

Following is a list of applicable discounts and Performance Bond cost in reference to our Rosenbauer fire truck proposal. If you have any questions concerning our bid please contact me at the following phone number or email.

Frank Murry
 Phone: (337) 523-3473
 Email: fmur@bonafire.com

Thanks,
 Frank Murry

1. Chassis progress payment discount:
 DEDUCT - \$9,579.00
 Note: chassis payment of \$239,486.00 would be due upon completion of chassis, (approx. 120-150 days after signing of contract)
2. 50% payment upon signing of contract or Issuing of Purchase Order:
 DEDUCT - \$10,579.00
3. 75% payment upon signing of contract or Issuing of Purchase Order:
 DEDUCT - \$13,579.00
4. 100% payment upon signing of contract or Issuing of Purchase Order:
 DEDUCT - \$16,279.00
5. Performance Bond cost:
 ADD - \$2,459.00

APPENDIX 2

PUMPER BID TABULATION SHEET
 September 8, 2015

The Pumper bids which were posted on August 4, 2015 were opened on September 8, 2015 at 2:00 pm. In attendance for the City of Mountain Brook were Chief Robert Ezekiel (Fire Chief), Battalion Chief David Kennedy (Safety and Training Officer), Battalion Chief Chris Mullins and Battalion Chief Stacy Cole (Shift Commander). We received bids from six companies and one "No Bid" letter. The information is listed below. All bids listed do not include "pre-pay" options.

1. Bay Fire (Spartan ER)	"NO BID"
2. Williams Fire Apparatus (Suiphen)	\$540,228.00
3. NAF&CO (KME)	\$517,257.00
4. Gulf States Apparatus Sales (Toysco)	Received nothing.
5. Tuscaloosa Fire Equipment, Inc. (HME)	Received nothing.
6. Sunbelt Fire (E-One)	\$509,998.00
7. Ferrara Fire Apparatus (Ferrara)	\$509,998.00
8. Emergency Equipment Professionals (Pierce)	\$563,791.00
9. Bonaventure Company Inc. (Rosenbauer)	\$491,802.00

Sam Gaston

From: Bill Warren
Sent: Tuesday, September 15, 2015 5:04 PM
To: Sam Gaston
Subject: Fwd: Tree Commission bio

Or proposed new MBTC bio.

Begin forwarded message:

From: Simeon Johnson <simeonjohnson@msn.com>
Date: September 7, 2015 at 4:22:44 PM CDT
To: Bill Warren <bwarren@lahrealestate.com>
Subject: Tree Commission bio

Looking forward to our meeting tomorrow. Please let me know if you need more than this bio below and if so please send me a sample of what you are wanting. Thank you

SIM S.W. JOHNSON is an attorney with the law firm of Miller Christie & Kinney, P.C. who represents defendants in workers compensation, tort and insurance matters throughout the 67 counties of the State of Alabama. He also works with employers regarding employment matters and related claims such as retaliatory discharge, co-employee, and outrage. Mr. Johnson is an active member of the Alabama State Bar Association where he has served as a committee member. He has also served as an appointed trustee by the Alabama State Bar Disciplinary Commission.

Mr. Johnson graduated from The University of Alabama with a degree in Political Science and History in 2001. He then graduated from The University of Alabama School of Law in 2005. Mr. Johnson has been in private practice in Birmingham, Alabama since 2005 serving insurers, businesses and individuals.

Mr. Johnson is Vice President of the Friends of Jamison Park and serves on the Garden committee at St. Luke's Episcopal where he, his wife Courtney and daughter Alice Wells are members.

APPENDIX 3

STATE OF ALABAMA DEFERRED COMPENSATION PLAN
Request for admission as a Participating Employer

Identifying information about the Participating Employer

Participating Employer: City of Mountain Brook, Alabama Subset #: _____ GW Rep: _____

Address: 56 Church Street, Mountain Brook, AL 35213

Who is the primary contact for your use of the State Plan?

Contact Name: Steven Boone His or her e-mail address: boone@mtbrook.org
205-802-3825 (Direct) Biweekly payroll but only 24 deductions
Telephone & Fax number: 205-874-0833 (Fax) Payroll frequency & next pay date: 10/09/2015

The Participating Employer confirms the following two statements that it: (1) is a political subdivision of Alabama, or is an agency or instrumentality of the State or such a political subdivision; (2) is a city town county or public entity or corporation organized pursuant to the laws of Alabama.

Participating Employer's choices

For this Participating Employer, the State Plan is the only IRC § 457(b) plan OR the State Plan is in addition to one or more other deferred compensation plans. Payroll deferrals allowed only to RRA-1 and Empower. Other plans are inactive.

This adoption includes a plan-to-plan transfer of all assets of an existing eligible deferred compensation plan. (After the State Personnel Board approves your admission as a Participating Employer, call the Recordkeeper at 1-866-695-4952 to arrange for the transfer of assets and records.)

Required provisions

Every adoption allows new contributions to the Plan, and allows participant-directed transfers and rollovers into the State Plan.

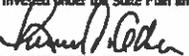
The Participating Employer adopts the State of Alabama Deferred Compensation Plan, including its Trust, and so adopts all investment and service arrangements set by the State of Alabama Personnel Board.

The Participating Employer will deliver promptly its participants' contributions to the Plan's Recordkeeper (which acts as the Trustee's agent). The Participating Employer will furnish the information (including each participant's name, Social Security Number, and contribution amount) that the Plan's Recordkeeper reasonably requires. (The Plan's Recordkeeper will furnish you information about how to remit contributions and necessary information.)

If the Participating Employer maintains any deferred compensation plan other than this State Plan, the Participating Employer must apply all provisions that involve coordination between or among two or more plans. Without limiting the broad effect of the preceding sentence, the Participating Employer must monitor and apply the deferral limits required by 26 U.S.C. § 457(b)(2)-(3) and 26 C.F.R. §§ 1.457-4 and 1.457-5. For example, a Participating Employer must limit its participant's ordinary deferrals to \$17,500 (for 2013) counting all deferrals under all eligible deferred compensation plans of one employer.

A Participating Employer may revoke its participation concerning contributions from wages for pay periods after the revocation is effective. But a participant's Plan Account remains invested under the State Plan and can be transferred only on his or her proper direction.

Date September 28, 2015

Signed 

Official's name Lawrence T. Oden

Official's title Mayor

Plan Authorized Signer / date:

Steven Boone 9/28/2015

Possible attachments: PSC log-in or Bank Authorization.
See reverse side for more instructions

Send the original of this form to:

L. Daniel Morris Jr.
State of Alabama Personnel Department
300 Folsom Administrative Building
Montgomery, AL 36130-4100

Send a copy of this form to the Plan's Recordkeeper:

Jennifer Leonard, Director of Client Relations and Plan Counseling
Empower Retirement
450 South Union Street, Suite 2100
Montgomery, AL 36104

You may fax the Recordkeeper's copy to 1-334-240-0071.

Please be careful to send the completed and signed form to both places.

Look for an e-mail (to the e-mail address you specified) as a confirmation that the State Personnel Board approved your admission as a Participating Employer.

Do NOT send any money to the Recordkeeper until after you have received the confirmation that you are admitted AND the Recordkeeper separately confirms that it has set you up in its systems.



Plan Service Center Authorization Form

This form is used to request usernames and passwords to establish Plan Service Center ("PSC") access. The PSC is the primary tool used by the Plan Sponsor, as identified in Part I, and any authorized third parties for on-line contribution processing, obtaining plan and participant data, requesting/downloading plan files and reports, and approving on-line disbursements. The Plan Sponsor agrees to notify Empower Retirement™ in the event that the Plan Sponsor desires to terminate PSC access for any user. The identified users listed below will receive an e-mail notification when their PSC authorization request has been completed.

Part I: PLAN SPONSOR CONTACT

Plan Name: <u>City of Mountain Brook Deferred Compensation Plan</u>		Plan Number:	
Contact Name: <u>Steven Boone</u>		Pay Center: <u>(if applicable)</u>	Division:
Contact Email: <u>boone@etnbrook.org</u>		Contact Phone/Ext: <u>205-802-3825</u>	
Address: <u>56 Church Street</u>			
City: <u>Mountain Brook</u>	State: <u>AL</u>	Zip Code: <u>35213</u>	
Relationship Manager (RM):		RM Phone/Ext:	
RM Email:			

Part II: PLAN SERVICE CENTER (PSC) LOGIN REQUEST

ACCESS LEVELS AVAILABLE	
<p>INQUIRY: Includes the ability to view plan and participant information, compliance information, order reports, and print forms. Inquiry access is provided by default.</p> <p>OPTIONAL UPDATE ACCESS: One of the following update access levels can be in addition to inquiry access.</p> <ul style="list-style-type: none"> Plan and Participant Update: Includes the ability to enter, alter, or delete participant information. Payroll Contribution, Plan and Participant Update: Includes the ability to remit payroll contributions, pay plan expenses (if applicable), update plan ACH banking information, and the ability to enter, alter, or delete participant information. (Please note: Contribution Processing provides the authority to debit applicable bank accounts to fund participant contributions and pay plan expenses.) <p>OPTIONAL COMPLIANCE UPDATE ACCESS: Allows a user to update compliance information, upload the census files, submit the form 5500, and approve compliance corrective distributions for participants.</p> <p>OPTIONAL TO DO LIST ACCESS:</p> <ul style="list-style-type: none"> View Only: Includes the ability view pending participant disbursements and notices. Update: Includes the ability to authorize pending participant disbursements and clear notices. 	

To obtain access to Plan information through PSC, please complete the following (addendums may be attached as needed). If no box is checked, Inquiry Access as defined above will be provided by default.

1) Name: <u>Amy Stephens</u>		Current PSC Username (if applicable)	
E-Mail Address: <u>stephensa@etnbrook.org</u>		Phone: <u>205-802-3822</u>	
User Type: Check One	Plan Employee: <input type="checkbox"/>	Other: <input checked="" type="checkbox"/> <u>Payroll Manager</u>	
A) Inquiry Access as defined above is provided by default.			
B) Optional Update Access: Select only one option. Update access will not be provided if a selection is not marked.		B1: <input type="checkbox"/> Plan and Participant Update	B2: <input checked="" type="checkbox"/> Payroll Contributions, Plan and Participant Update
C) Optional Compliance Update Access: <input type="checkbox"/> Compliance Update access will not be provided if this option is not marked.			
D) Optional To Do List Access: Select one option. To Do List access will not be provided if a selection is not marked.		D1: <input type="checkbox"/> View Only	D2: <input checked="" type="checkbox"/> Update

2) Name: <u>Karen Fowler</u>		Current PSC Username (if applicable)	
E-Mail Address: <u>fowlerk@etnbrook.org</u>		Phone: <u>205-802-3826</u>	
User Type: Check One	Plan Employee: <input type="checkbox"/>	Other: <input checked="" type="checkbox"/> <u>Accountant</u>	
A) Inquiry Access as defined above is provided by default.			
B) Optional Update Access: Select only one option. Update access will not be provided if a selection is not marked.		B1: <input type="checkbox"/> Plan and Participant Update	B2: <input checked="" type="checkbox"/> Payroll Contributions, Plan and Participant Update
C) Optional Compliance Update Access: <input type="checkbox"/> Compliance Update access will not be provided if this option is not marked.			
D) Optional To Do List Access: Select one option. To Do List access will not be provided if a selection is not marked.		D1: <input type="checkbox"/> View Only	D2: <input checked="" type="checkbox"/> Update

3) Name: <u>Steven Boone</u>		Current PSC Username (if applicable)	
E-Mail Address: <u>boone@etnbrook.org</u>		Phone: <u>205-802-3825</u>	
User Type: Check One	Plan Employee: <input type="checkbox"/>	Other: <input checked="" type="checkbox"/> <u>Assistant City Manager/Finance Director</u>	
A) Inquiry Access as defined above is provided by default.			
B) Optional Update Access: Select only one option. Update access will not be provided if a selection is not marked.		B1: <input type="checkbox"/> Plan and Participant Update	B2: <input checked="" type="checkbox"/> Payroll Contributions, Plan and Participant Update
C) Optional Compliance Update Access: <input type="checkbox"/> Compliance Update access will not be provided if this option is not marked.			
D) Optional To Do List Access: Select one option. To Do List access will not be provided if a selection is not marked.		D1: <input type="checkbox"/> View Only	D2: <input checked="" type="checkbox"/> Update

Part III: PLAN SERVICE CENTER (PSC) CLIENT ADMINISTRATION AGREEMENT

By signing this form, the Plan Sponsor agrees that the User Names listed are authorized to use the PSC. Further, the Plan Sponsor hereby agrees to notify each of the User Names listed to maintain the confidentiality of login and password information provided and to not share such information with any third parties.

Authorized Plan Representative:	<u>Steven Boone</u>	Print Name: <u>Steven Boone</u>
Signature:	<u>Steven Boone</u>	E-mail: <u>boone@etnbrook.org</u>
Title: <u>Assistant City Manager/Finance Director</u>		Phone #: <u>205-802-3825</u>
		Date: <u>September 28, 2015</u>

Note: If the plan has pay centers and/or divisions with different contacts, please complete one login form for each pay center and/or division.

Please complete and fax or email to Empower Retirement.
 Fax Number: (303) 801-5226
 Email: security@retirementpartner.com



Banking Change Request Form

PLEASE PRINT LEGIBLY IN BLACK OR BLUE INK

Plan Number: _____

*Division (if applicable): Name: _____ Number: _____

*Please submit a separate banking form for each division.

Company Name: City of Mountain Brook, Alabama

Mailing Address: 56 Church Street

City: Mountain Brook State: AL Zip: 35223

Telephone #: 205-802-2409 Fax: 205-874-0611

The Primary/Site Contact is the person that we will contact if we have any questions or concerns and when the banking change is complete.

Primary/Site Contact (Please Print): Mr./Mrs./Ms. Mr. Steven Boone Title: Assistant City Manager/Finance Director

(First Name) (Last Name) E-mail Address: boonest@tnbrook.org

Telephone #: 205-802-3823 Extension: _____

CONTINUE TO PAGE 2

EMPOWER Retirement
P.O. Box 1400
Dept. 589 - 4T2
Denver, CO 80201

Date: September 28, 2015

RE: Automated Clearing House Account Access for Retirement Plan
Please accept this as formal notification that effective:

Effective Date: _____

Plan Sponsor's Name: City of Mountain Brook, Alabama

(The "Plan Sponsor"), has engaged Great-West Financial Retirement Services ("Great-West Financial") to be the recordkeeper for the

Plan Name: City of Mountain Brook Deferred Compensation Plan

(the "Plan"), as sponsored by the Plan Sponsor. The Plan Sponsor acknowledges that Great-West Financial is a non-discretionary recordkeeper and that the Plan Sponsor retains all responsibilities otherwise not delegated to Great-West Financial in a formal agreement.

To facilitate EMPOWER Retirement's recordkeeping duties for the Plan, EMPOWER Retirement and its affiliates are hereby authorized to access the Contractholder's designated account at the depository financial institution listed below to initiate debit or credit transaction via the Automated Clearing House (ACH) for the Plan. Company agrees to notify its depository financial institution of this arrangement.

Depository Financial Institution Information:

Company's Depository Financial Institution: Iberia Bank

Complete Address: 2340 Woodcrest Place, Birmingham, AL 35209

Account Title: City of Mountain Brook Disbursement Account

Account Type: Checking: Savings: Money Market:

Account Number: 20000169247 Routing Number: 2632704134

Depository Financial Institution Contact: Jan Blackshear

Telephone #: 205-803-5830 (direct) / 205-802-2283 (fax)

The Plan Sponsor agrees to provide Great-West Financial with 30 days notice, prior to closing or changing this account.

Authorized Plan Representative:	
Signature: <u>Steven Boone</u>	Print Name: <u>Steven Boone</u>
Title: <u>Assistant City Manager/Finance Director</u>	E-mail: <u>boonest@tnbrook.org</u>
Phone #: <u>205-802-3823</u>	Date: <u>September 28, 2015</u>

Cc: [DEPOSITORY FINANCIAL INSTITUTION]: Iberia Bank

PLEASE COMPLETE AND FAX OR EMAIL TO EMPOWER RETIREMENT.
FAX NUMBER: (303) 801-5228
EMAIL: security@retirementpartner.com

APPENDIX 4



CITY OF MOUNTAIN BROOK

Dana O. Hazen, AICP
 Director of Planning, Building &
 Sustainability
 56 Church Street
 Mountain Brook, Alabama 35213-0009
 Telephone: 205/802-3821
 Fax: 205.879.6913
 hazend@mtnbrook.org
 www.mtnbrook.org

DATE: September 28, 2015

TO: Mayor, City Council, and City Manager

FROM: Dana Hazen, City Planner

RE: 2709 Culver Road, Mountain Brook Village (previous ½ of A'Mano)
 Conditional Use – Lovely Nails Salon

Applicant seeks to establish a new nail salon at the Mountain Brook Shopping Center, in a suite that will remain through the end of Rite Aide's lease. When Western, Smith's and Ollie Irene are demolished there will be 39,453 square feet of remaining leasable area in the shopping center, which when computed at the 5/1000 parking ratio requires 197 parking spaces. There will be 236 parking spaces remaining, leaving a surplus of 39 spaces.

The ordinance requires 2 parking spaces for each station in a nail salon. The applicant proposes 12 stations, which will require 24 parking spaces. Given the parking credit of 9 spaces for the subject tenant suite (1975 sf / 200 = 9 spaces) the applicant will utilize 15 of the 24 surplus parking spaces for the shopping center (leaving 9 remaining surplus spaces).

Therefore, the parking requirement for the proposed nail salon meets the code. Given the fact that the use is on private property with parking that meets/exceeds code requirements, it is not anticipated that the salon will have a negative effect on the street parking inventory.

Proposed hours of operation are Monday-Saturday 9:00-7:00 and Sunday 12:00-5:00.

The applicant has been advised that this lease is temporary, and that personal service establishments are not permitted in the new Lane Parke PUD project.

The zoning ordinance requires council approval of office/service uses as a conditional use, and states that any proposed conditional use will be reviewed as to the following:

- Whether the use would disparately impact public parking in the area;
- Whether vehicular or pedestrian circulation would be impacted by the use;
- Whether the use is compatible with surrounding existing uses;
- Whether the hours of operation or peak traffic times would impact existing uses.



Electrical Contractors, Inc.

City of Mountain Brook

September 22, 2015

R.E. Old Leeds @ Crosshill

We are pleased to offer the following price for the traffic signal modifications on the above referenced location. Our price is based on a survey by Trappier Consulting dated 9/22/2015. Our price will be \$490,00, all work by IMAA Level II technicians.

Best Regards,

Mark Rayne

J. Mark Rayne
Project Manager

2530 Quorumtown Road • Birmingham, AL 35210 • Office: (205) 833-4494 • Fax: (205) 833-9390

2015-137

Old Leeds Road at Crosshill Road

A traffic study was undertaken for the intersection of Old Leeds Road at Crosshill Road to determine the advisability of installation of a protective-permissive left turn signal indication for traffic westbound on Old Leeds Road to turn left on Crosshill Road.

Observations

Slapper Consulting, Inc. performed observations of the traffic signal operation at the intersection of Old Leeds Road at Crosshill Road on Wednesday, August 19 and Thursday, August 20, 2015. Observations were conducted from 7:15 to 8:05 a.m. and 2:40 to 3:30 p.m. The potential need for the addition of one protected left turn indication was evaluated based on the evaluation of two factors:

1. The delay experienced by vehicles turning left from Old Leeds Road onto Crosshill Road, and
2. The delay experienced by other drivers due to being stopped by a vehicle turning left from Old Leeds Road onto Crosshill Road.

In order to evaluate the delays described above, every queue was observed and four items of information recorded: 1) the time, 2) the total number of vehicles in the queue, 3) the number of left-turning vehicles in the queue, and 4) a subjective analysis of the delays as described above. Queues are formed on Old Leeds Road westbound due to two sources:

1. When the traffic signal goes a red indication when serving vehicles on Crosshill Road, and
2. When a vehicle is making a left turn from Old Leeds Road onto Crosshill Road.

Morning Peak Period Observations

During the morning observations, 50 queues were observed. Of these 50 queues, 15 queues were noted as having some level of delay associated with them. The following is a distribution of the subjective analysis of the delay experienced/caused by left turning vehicles:

No Delay	35
Little Delay	6
Some Delay	1
Moderate Delay	1
Severe Delay	3

Afternoon Peak Period Observations

During the afternoon observations, 27 queues were observed. Of these 27 queues, 3 queues were noted as having some level of delay associated with them. The following is a distribution of the subjective analysis of the delay experienced/caused by left turning vehicles:

No Delay	24
Little Delay	2
Some Delay	1
Moderate Delay	0
Heavy Delay	0

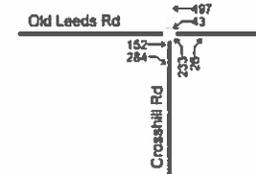
Slapper Consulting, Inc.

Page 1

No Delay	34
Little Delay	2
Some Delay	1
Moderate Delay	0
Heavy Delay	0

Intersection Capacity Analysis

Based on the observations, it is apparent that the only time of day when a protected-permissive left turn arrow would be beneficial is during the a.m. peak period of traffic flow. An intersection turning movement traffic count was performed at the intersection of Old Leeds Road at Crosshill Road from 7:15 to 8:15 a.m. on Friday, September 18, 2015. The results of this traffic count are displayed below.



A.M. peak hour intersection capacity analyses were performed for the intersection of Old Leeds Road at Crosshill Road with and without a protective-permissive left turn arrow. The results of the analyses are displayed in the following table.

Approach	No Left Turn Arrow		With Left Turn Arrow	
	Level of Service	Delay	Level of Service	Delay
Eastbound	A	7 sec.	A	8 sec.
Westbound	B	16 sec.	B	14 sec.
Northbound	C	26 sec.	C	32 sec.
Overall Intersection	B	15 sec.	B	16 sec.

As seen in the table above, the installation of a protected-permissive left turn arrow would have no effect on intersection levels of service. The delay for the westbound movement would improve, but at the expense of increases in delay on the eastbound and northbound movements.

Slapper Consulting, Inc.

Page 2

Minute Book 87

555

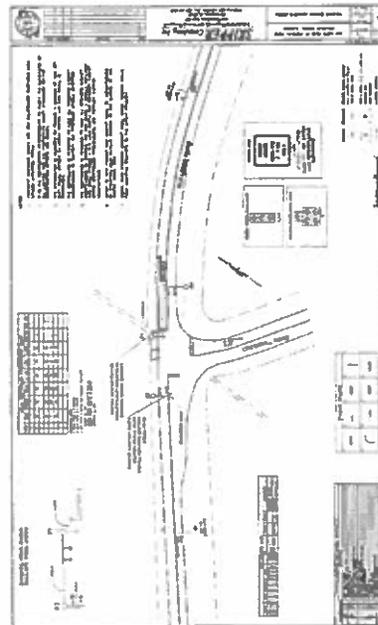
Findings and Recommendations

Based on the observations and analysis conducted and documented in this report, the following recommendations are offered to the City of Mountain Brook:

1. It appears that some benefit may be gained by modification of the traffic signal to show a short protected green arrow for traffic turning left from Old Leeds Road southbound onto Crosshill Road during the morning peak period of traffic flow only.
2. It does not appear that there would be any significant benefit gained by a protected green arrow at any other times of the day.
3. The addition of the protected green arrow during the morning peak period would have a minor adverse impact to traffic on other approaches to the intersection.
4. The existing traffic signal is capable of being modified to accommodate the protected green arrow.
5. The existing traffic signal controller is capable of being programmed to only serve the protected green arrow at certain times of the day. If this were implemented, consideration should be given to installation of a special sign warning motorists that the green arrow will come on only during these certain times of the day.
6. A general cost estimate to construct the improvements would be approximately \$7,500.

Slapper Consulting, Inc.

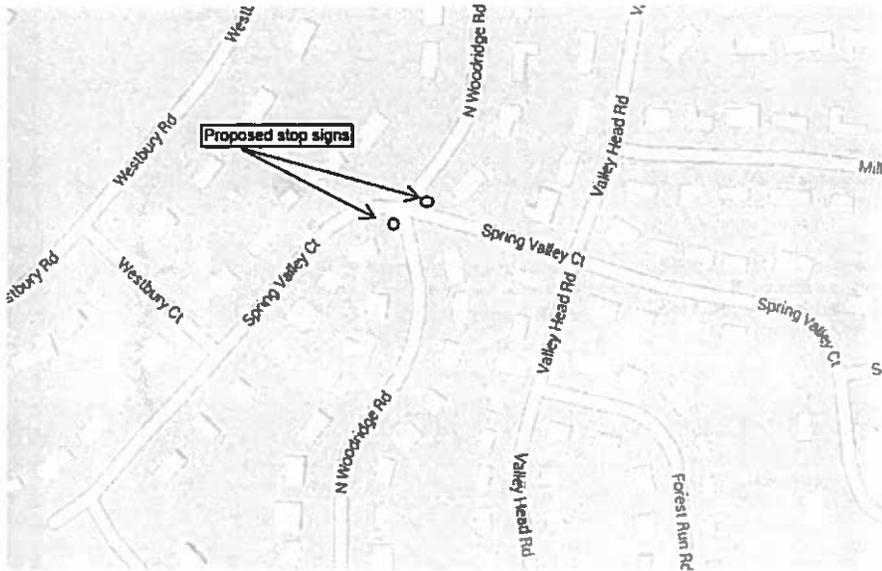
Page 3



APPENDIX 6

J:\Minutes & Agendas\Council\2015\20150928 Minutes.doc

September 28, 2015



Thursday, Sep 17, 2015 10:31 AM



SAM S. GASTON
CITY MANAGER

September 16, 2015

Dear Resident:

The Mountain Brook City Council, at its September 28, 2015 meeting, will consider an ordinance adding stop signs on Spring Valley Court at its intersection with North Woodridge Road. This proposed ordinance would make this intersection a 4-way stop. (See attached map.)

You are invited to attend the City Council meeting on September 28th, which starts at 7:00 p.m., to voice your opinion about this proposed ordinance. If you cannot attend, but would like to express comments, please contact our Police Chief, Ted Cook, at 802-3852 or cookt@mtbrook.org.

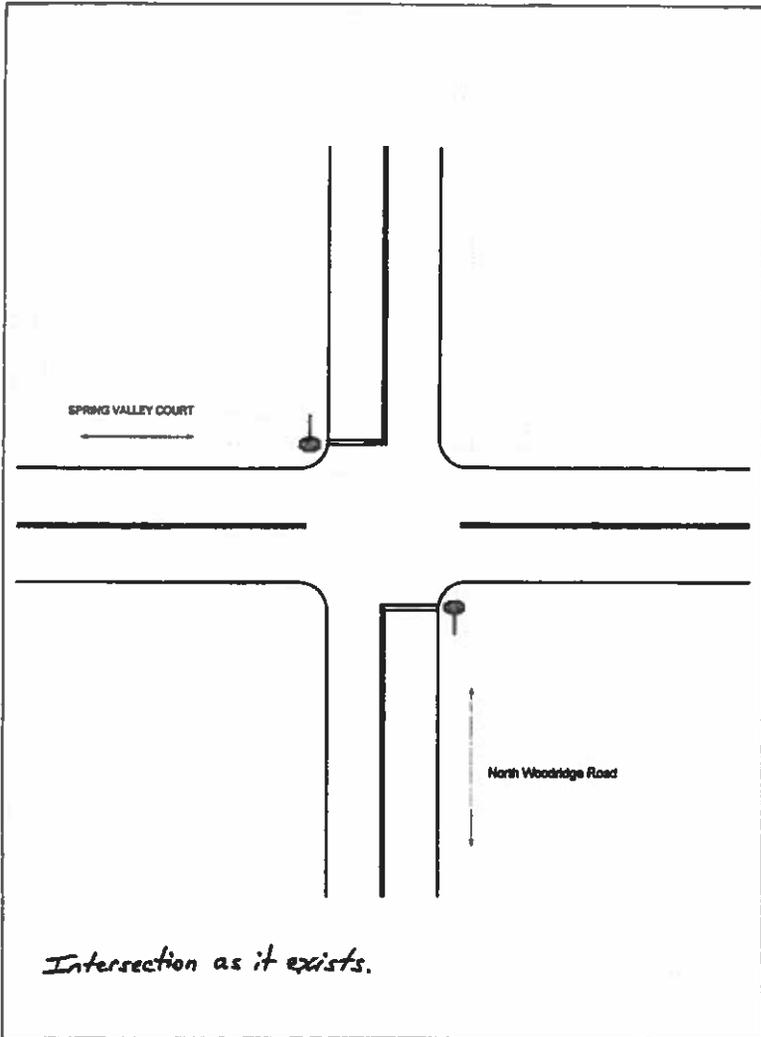
Sincerely,

Sam S. Gaston
City Manager

APPENDIX 7

CITY OF MOUNTAIN BROOK

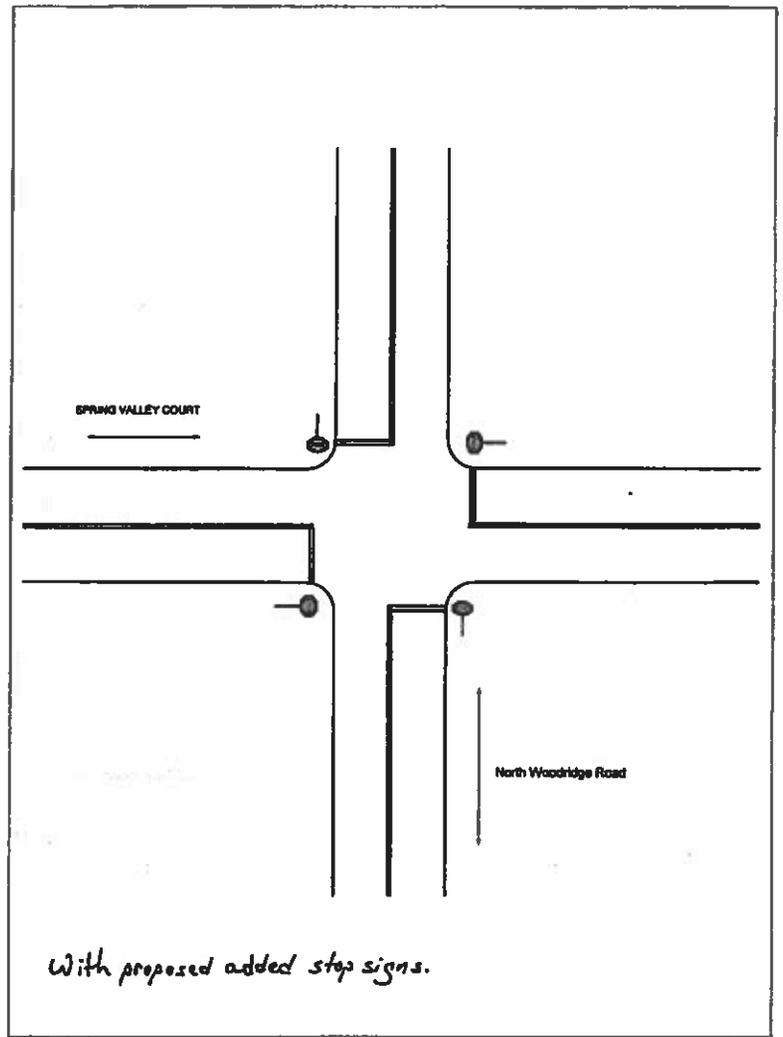
56 Church Street
P.O. Box 130009
Mountain Brook, Alabama 35213
Telephone 205 601 3803
Fax 205 870 3577
sgaston@mtbrook.org



Created using Easy Street Draw. Licensed customer: CARE Research & Development Lab - Univ of Alabama

www.tranlab.com

Page 1 of 1



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www.tranlab.com

Page 1 of 1

APPENDIX 7

9/24/2015

City of Mountain Brook Mail - Fwd: Neighborhood concerns for Spring Valley Ct



Karen Fowler <fowlerk@mtnbrook.org>

Fwd: Neighborhood concerns for Spring Valley Ct

1 message

Ted Cook <cookt@mtnbrook.org>
To: Karen Fowler <fowlerk@mtnbrook.org>

Thu, Sep 24, 2015 at 3:10 PM

Another one for the SO Brookwood Rd. support for Council. Looks like they are circulating an email and copying it.

Chief Ted Cook
Mountain Brook Police Department
101 Tibbett St.
Mountain Brook, AL 35213
(205) 802-3852



----- Forwarded message -----

From: Jacob Halpern <jhalpern@majorpromotions.net>
Date: Thu, Sep 24, 2015 at 2:48 PM
Subject: Neighborhood concerns for Spring Valley Ct
To: cookt@mtnbrook.org
Cc: stefaniemDavis@gmail.com

Dear Mr. Ted Cook,

At the City Council meeting on September 14th Stefanie Davis presented four suggestions regarding pedestrian safety:

- Installing a pedestrian crossing at South Brookwood Road and North Woodridge Road
- Reconstructing sidewalks and adding guardrails along South Brookwood Road
- Extending the sidewalk on North Woodridge Road
- Creating a four-way stop sign at North Woodridge and Spring Valley Court, where there is now a two-way stop

I am a local resident and I firmly support our neighbor, I believe the above suggestions should be implemented immediately. I see the number of children and adults in our area who utilize our streets to walk to school, to visit with friends or a means of exercise. It could also raise the property value in our area. Safer and new sidewalks / crosswalks are more than nice - they are a necessity. We would love to improve our pedestrian life and prevent a serious accident before it occurs. Thank you for your time.

Sincerely,

Jacob Halpern
3517 Spring Valley Ct

<https://mail.google.com/mail/u/0/?ui=2&ik=4e66c531e08&view=pt&search=inbox&type=14&label=4503247&th=150005077b1e20d3&siml=150005077b1e20d3>

1/2

9/24/2015

City of Mountain Brook Mail - Fwd: stop sign ordinance



Karen Fowler <fowlerk@mtnbrook.org>

Fwd: stop sign ordinance

1 message

Ted Cook <cookt@mtnbrook.org>
To: Karen Fowler <fowlerk@mtnbrook.org>

Thu, Sep 24, 2015 at 12:04 PM

Can you add this to the council info on the stop sign request?

Chief Ted Cook
Mountain Brook Police Department
101 Tibbett St.
Mountain Brook, AL 35213
(205) 802-3852



----- Forwarded message -----

From: Major Promotions <MajorPromotions@charter.net>
Date: Tue, Sep 22, 2015 at 1:07 PM
Subject: stop sign ordinance
To: cookt@mtnbrook.org

Chief Cook,

I cannot attend the City Council meeting on 9/28/15 but would like to give you my support for the ordinance that would add stop signs on Spring Valley Court at its intersection with North Woodridge Road. Currently, without the stop signs, the intersection is dangerous and I have witnessed several "close call" incidents. It seems like a logical place for a 4 way stop sign and those that are not "regulars" in our neighborhood often think that it's a 4 way stop. However, if they assume that it's a 4 way stop, then they expect the other driver coming up Spring Valley Court to stop. They don't stop because there is currently not a stop sign and that is when the near accidents occur.

I also think that stop signs should be put there because there are children in the neighborhood that live near that intersection that ride their bikes all the time there. Also, I am very upset that our neighborhood doesn't have sidewalks so our kids (and adults) can safely navigate our neighborhood (on foot or bike). I think it's terrible that our kids have to walk in the street in order to get to a friend's house. It's so unsafe to me.

Thank you for your consideration and support and for all you do for our families!

Maurine Halpern
389-4489

Major Promotions

<https://mail.google.com/mail/u/0/?ui=2&ik=4e66c531e08&view=pt&search=inbox&type=14&label=4503247&th=150005077b1e20d3&siml=150005077b1e20d3>

1/2

9/24/2015

City of Mountain Brook Mail - Fwd: stop sign ordinance

3517 Spring Valley Ct
 Birmingham, AL 35223
 www.majorpromotions.net
 email- majorpromotions@charter.net
 "Promoting your business is our business"
 (205) 968-7346 Fax

Memorandum

To: Lt. C. Clark
 From: Sgt. J. Rhoads
 Date: 9/21/15
 Re: Traffic Count – Spring Valley Ct. at North Woodridge Road
 (West side of intersection)

Per your request, I conducted a two day traffic count on Spring Valley Ct. Data was gathered concerning speed and volume. The following data was gathered:

	Toward North Woodridge		Toward Westbury Ct.		Total	
Vehicles counted	299		341		640	
Average speed	21 mph		21 mph		21 mph	
	#	%	#	%	#	%
00-25 mph	264	88	302	88	566	88
26-30 mph	35	12	38	11	73	11
31-35 mph	0	0	1	0.3	1	0.2
36-40 mph	0	0	0	0	0	0
41-45 mph	0	0	0	0	0	0
46-50 mph	0	0	0	0	0	0
51+ mph	0	0	0	0	0	0
Peak time	Morning & Afternoon commute		Morning & Afternoon commute		Morning & Afternoon commute	

Eastbound traffic flows toward North Woodridge Road
 Westbound traffic flows toward Westbury Ct.

Conclusion: This study began Thursday September 17th and continued through Friday September 18th. Peak travel times included morning and afternoon commute hours. Traffic was also heavy during lunchtime.

Note: Speed limit is 25 mph.

Cc: Chief T. Cook
 Captain G. Hagood

APPENDIX 7

Mountain Brook Police Department
 101 Tibbett Street
 Mountain Brook, AL, 35213
 205 902-3847

Start Time	17-Sep-15 Thu	Toward N. W	Toward West	Total
12:00 AM				
01:00				
02:00		1	1	2
03:00		2	4	6
04:00		1	1	2
05:00		1	3	4
06:00		2	9	11
07:00		13	27	40
08:00		9	10	19
09:00		5	11	16
10:00		2	5	7
11:00		4	13	17
12:00 PM		6	6	12
01:00		8	6	14
02:00		8	9	15
03:00		12	12	24
04:00		15	14	29
05:00		18	6	24
06:00		16	9	25
07:00		7	7	14
08:00		7	5	12
09:00		0	2	2
10:00		4	0	4
11:00		1	0	1
Total		140	160	300
Percent		46.7%	53.3%	
AM Peak		07:00	07:00	07:00
Vol.		13	27	40
PM Peak		17:00	16:00	16:00
Vol.		18	14	29

Mountain Brook Police Department
 101 Tibbett Street
 Mountain Brook, AL, 35213
 205 902-3847

Start Time	18-Sep-15 Fri	Toward N. W	Toward West	Total
12:00 AM		0	0	0
01:00		0	0	0
02:00		0	0	0
03:00		0	0	0
04:00		0	3	3
05:00		1	2	3
06:00		3	11	14
07:00		12	25	37
08:00		6	25	31
09:00		7	12	19
10:00		9	8	17
11:00		8	9	15
12:00 PM		8	8	16
01:00		7	8	15
02:00		12	15	27
03:00		13	7	20
04:00		16	6	22
05:00		16	12	28
06:00		20	13	33
07:00		5	6	11
08:00		5	2	7
09:00		6	9	15
10:00		3	0	3
11:00		4	0	4
Total		159	181	340
Percent		46.8%	53.2%	
AM Peak		07:00	07:00	07:00
Vol.		12	25	37
PM Peak		18:00	14:00	18:00
Vol.		20	15	33
Grand Total		299	341	640
Percent		46.7%	53.3%	

ADT

ADT 321

AADT 321

APPENDIX 7

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3847

Unltd 8

Toward N. Woodridge	1	18	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
Start	1	18	21	26	31	36	41	46	51	56	61	66	71	76	999		
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80			
09/17/15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
01:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	19	19
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10	19
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	19	19
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	23	24
07:00	0	3	8	2	0	0	0	0	0	0	0	0	0	0	13	25	26
08:00	1	1	8	1	0	0	0	0	0	0	0	0	0	0	9	24	27
09:00	1	1	3	0	0	0	0	0	0	0	0	0	0	0	5	23	24
10:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	24	24
11:00	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4	22	24
12 PM	3	1	2	0	0	0	0	0	0	0	0	0	0	0	5	22	24
13:00	0	1	5	2	0	0	0	0	0	0	0	0	0	0	8	27	28
14:00	1	3	2	0	0	0	0	0	0	0	0	0	0	0	6	22	24
15:00	0	5	6	1	0	0	0	0	0	0	0	0	0	0	12	24	26
16:00	0	8	4	3	0	0	0	0	0	0	0	0	0	0	15	26	28
17:00	0	5	13	0	0	0	0	0	0	0	0	0	0	0	18	23	24
18:00	3	3	9	1	0	0	0	0	0	0	0	0	0	0	16	24	25
19:00	0	3	3	1	0	0	0	0	0	0	0	0	0	0	7	24	26
20:00	0	2	5	0	0	0	0	0	0	0	0	0	0	0	7	23	24
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
22:00	0	1	1	2	0	0	0	0	0	0	0	0	0	0	4	28	29
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	19	19
Total	10	45	72	13	0	0	0	0	0	0	0	0	0	0	140		
Percent	7.1%	32.1%	51.4%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00	07:00	07:00	07:00											07:00		
Vol.	1	3	8	2											13		
PM Peak	12:00	16:00	17:00	18:00											17:00		
Vol.	3	8	13	3										18			

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3847

Unltd 8

Toward N. Woodridge	1	18	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
Start	1	18	21	26	31	36	41	46	51	56	61	66	71	76	999		
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80			
09/17/15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24
07:00	0	3	8	3	0	0	0	0	0	0	0	0	0	0	12	27	28
08:00	0	1	4	1	0	0	0	0	0	0	0	0	0	0	6	25	26
09:00	3	3	1	0	0	0	0	0	0	0	0	0	0	0	7	19	23
10:00	1	4	3	1	0	0	0	0	0	0	0	0	0	0	9	24	27
11:00	1	2	3	0	0	0	0	0	0	0	0	0	0	0	6	23	24
12 PM	1	3	2	2	0	0	0	0	0	0	0	0	0	0	8	27	28
13:00	2	2	2	1	0	0	0	0	0	0	0	0	0	0	7	24	25
14:00	0	4	3	5	0	0	0	0	0	0	0	0	0	0	12	28	29
15:00	1	4	8	0	0	0	0	0	0	0	0	0	0	0	13	23	24
16:00	0	6	8	4	0	0	0	0	0	0	0	0	0	0	16	27	29
17:00	1	4	9	2	0	0	0	0	0	0	0	0	0	0	18	24	27
18:00	1	4	13	2	0	0	0	0	0	0	0	0	0	0	20	24	27
19:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5	23	24
20:00	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5	24	24
21:00	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6	23	24
22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	22	24
23:00	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4	27	28
Total	11	48	78	22	0	0	0	0	0	0	0	0	0	0	150		
Percent	6.9%	30.2%	48.1%	13.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	10:00	07:00	07:00											07:00		
Vol.	3	4	8	0											12		
PM Peak	13:00	16:00	16:00	14:00											18:00		
Vol.	2	6	13	5										20			
Grand Total	21	93	150	35	0	0	0	0	0	0	0	0	0	0	209		
Percent	7.0%	31.1%	50.2%	11.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Statistics	15th Percentile :		16 MPH		50th Percentile :		21 MPH		85th Percentile :		24 MPH		95th Percentile :		27 MPH		
Statistics	10 MPH Pace Speed :		16-25 MPH		Number In Pace :		243		Percent In Pace :		81.3%		Number of Vehicles > 25 MPH :		33		
Statistics	Percent of Vehicles > 25 MPH :		11.7%		Mean Speed(Average) :		21 MPH										

APPENDIX 7

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 807-3847

Unit# 8

Toward Westbury Ct.	Start	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent	
Time	15	20	25	30	36	40	45	50	55	60	65	70	75	80	999			
09/17/15																		
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	14	
02:00	3	0	1	0	0	0	0	0	0	0	0	0	0	0	4	22	24	
03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	14	
04:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	22	24	
05:00	0	4	3	2	0	0	0	0	0	0	0	0	0	0	9	26	28	
06:00	1	8	12	8	0	0	0	0	0	0	0	0	0	0	27	25	28	
07:00	1	4	4	1	0	0	0	0	0	0	0	0	0	0	10	24	27	
08:00	1	4	4	2	0	0	0	0	0	0	0	0	0	0	11	25	28	
09:00	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5	24	24	
10:00	2	1	7	3	0	0	0	0	0	0	0	0	0	0	13	26	26	
11:00	2	2	2	0	0	0	0	0	0	0	0	0	0	0	6	22	24	
12 PM	1	9	4	1	0	0	0	0	0	0	0	0	0	0	15	25	26	
13:00	0	1	4	2	0	0	0	0	0	0	0	0	0	0	7	26	26	
14:00	0	5	6	1	0	0	0	0	0	0	0	0	0	0	12	24	26	
15:00	0	4	8	2	0	0	0	0	0	0	0	0	0	0	14	24	28	
16:00	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6	23	24	
17:00	2	3	3	1	0	0	0	0	0	0	0	0	0	0	9	24	27	
18:00	2	2	3	0	0	0	0	0	0	0	0	0	0	0	7	23	24	
19:00	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5	23	24	
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	23	24	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	18	50	72	20	0	0	0	0	0	0	0	0	0	0	160			
Percent	11.3%	31.3%	45.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	03:00	07:00	07:00	07:00												07:00		
Vol	3	9	12	8												27		
PM Peak	12:00	15:00	16:00	14:00												18:00		
Vol	2	5	8	2												14		

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 807-3847

Unit# 8

Toward Westbury Ct.	Start	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent	
Time	15	20	25	30	36	40	45	50	55	60	65	70	75	80	999			
09/16/15																		
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3	22	24	
05:00	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4	24	24	
06:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	25	26	
07:00	2	4	15	8	0	0	0	0	0	0	0	0	0	0	29	25	28	
08:00	0	21	4	0	0	0	0	0	0	0	0	0	0	0	25	20	23	
09:00	0	5	4	3	0	0	0	0	0	0	0	0	0	0	12	27	29	
10:00	1	3	4	0	0	0	0	0	0	0	0	0	0	0	8	23	24	
11:00	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9	23	24	
12 PM	1	0	6	1	0	0	0	0	0	0	0	0	0	0	8	24	26	
13:00	0	9	2	1	0	0	0	0	0	0	0	0	0	0	13	25	26	
14:00	1	3	8	1	0	0	0	0	0	0	0	0	0	0	13	26	26	
15:00	1	2	4	0	0	0	0	0	0	0	0	0	0	0	7	23	24	
16:00	2	0	3	1	0	0	0	0	0	0	0	0	0	0	6	25	26	
17:00	0	7	5	0	0	0	0	0	0	0	0	0	0	0	12	23	24	
18:00	0	6	5	1	1	0	0	0	0	0	0	0	0	0	13	25	31	
19:00	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6	25	28	
20:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	18	19	
21:00	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3	24	27	
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	11	65	85	18	1	0	0	0	0	0	0	0	0	0	181			
Percent	8.1%	35.9%	47.5%	9.9%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	04:00	08:00	07:00	07:00												07:00		
Vol	2	21	15	4												25		
PM Peak	16:00	17:00	14:00	14:00	18:00											18:00		
Vol	2	7	8	3	1											15		
Grand Total	29	115	158	38	1	0	0	0	0	0	0	0	0	0	341			
Percent	8.5%	33.7%	46.3%	11.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Statistics	10 MPH Pace Speed	16-25 MPH																
	Number In Pace	273																
	Percent In Pace	80.1%																
	Number of Vehicles > 25 MPH	39																
	Percent of Vehicles > 25 MPH	11.4%																
	Mean Speed(Average)	21 MPH																

APPENDIX 7

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 902-3847

Toward N. Woodridge, Toward Westbury CL														Unid S			
Start	1	18	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/17/15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
01:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
02:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	18	19
03:00	3	2	1	0	0	0	0	0	0	0	0	0	0	0	6	20	23
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	23	24
05:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4	22	24
06:00	0	5	1	2	0	0	0	0	0	0	0	0	0	0	11	25	28
07:00	1	12	29	7	0	0	0	0	0	0	0	0	0	0	40	25	28
08:00	2	5	10	2	0	0	0	0	0	0	0	0	0	0	19	24	27
09:00	2	6	7	2	0	0	0	0	0	0	0	0	0	0	18	24	27
10:00	0	1	6	0	0	0	0	0	0	0	0	0	0	0	7	24	24
11:00	3	3	9	3	0	0	0	0	0	0	0	0	0	0	17	25	28
12 PM	5	3	4	0	0	0	0	0	0	0	0	0	0	0	12	22	24
13:00	1	1	5	3	0	0	0	0	0	0	0	0	0	0	14	26	28
14:00	2	7	4	2	0	0	0	0	0	0	0	0	0	0	15	24	26
15:00	0	10	12	2	0	0	0	0	0	0	0	0	0	0	24	24	26
16:00	0	12	12	5	0	0	0	0	0	0	0	0	0	0	29	25	26
17:00	0	7	17	0	0	0	0	0	0	0	0	0	0	0	24	23	24
18:00	5	8	12	2	0	0	0	0	0	0	0	0	0	0	25	24	26
19:00	2	5	8	1	0	0	0	0	0	0	0	0	0	0	14	24	26
20:00	0	4	9	0	0	0	0	0	0	0	0	0	0	0	12	23	24
21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	23	24
22:00	0	1	1	2	0	0	0	0	0	0	0	0	0	0	4	28	29
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	19	19
Total	28	89	144	33	0	0	0	0	0	0	0	0	0	0	300		
Percent	9.3%	31.7%	48.0%	11.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	03:00	07:00	07:00	07:00											07:00		
Vol.	3	12	20	7											40		
PM Peak	12:00	16:00	17:00	18:00											18:00		
Vol.	5	12	17	5											29		

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 902-3847

Toward N. Woodridge, Toward Westbury CL														Unid S			
Start	1	18	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/18/15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.	.
04:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3	22	24
05:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	24	24
06:00	0	1	11	2	0	0	0	0	0	0	0	0	0	0	14	24	26
07:00	2	7	21	7	0	0	0	0	0	0	0	0	0	0	37	26	28
08:00	0	22	8	1	0	0	0	0	0	0	0	0	0	0	31	22	24
09:00	3	8	5	3	0	0	0	0	0	0	0	0	0	0	19	23	26
10:00	2	7	7	1	0	0	0	0	0	0	0	0	0	0	17	23	25
11:00	1	5	9	0	0	0	0	0	0	0	0	0	0	0	15	23	24
12 PM	2	3	8	3	0	0	0	0	0	0	0	0	0	0	16	26	28
13:00	3	2	4	2	0	0	0	0	0	0	0	0	0	0	12	23	24
14:00	1	7	11	8	0	0	0	0	0	0	0	0	0	0	27	27	29
15:00	2	8	12	0	0	0	0	0	0	0	0	0	0	0	20	23	24
16:00	2	6	9	5	0	0	0	0	0	0	0	0	0	0	22	26	28
17:00	1	11	14	2	0	0	0	0	0	0	0	0	0	0	28	24	26
18:00	1	10	19	3	1	0	0	0	0	0	0	0	0	0	33	24	28
19:00	0	5	5	1	0	0	0	0	0	0	0	0	0	0	11	24	27
20:00	1	2	4	0	0	0	0	0	0	0	0	0	0	0	7	23	26
21:00	0	4	10	1	0	0	0	0	0	0	0	0	0	0	15	24	26
22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	22	24
23:00	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4	27	28
Total	22	113	164	40	1	0	0	0	0	0	0	0	0	0	340		
Percent	6.5%	33.2%	48.2%	11.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	08:00	07:00	07:00											07:00		
Vol.	3	12	21	7											37		
PM Peak	12:00	17:00	18:00	14:00	18:00										18:00		
Vol.	2	11	18	8	1										33		
Grand Total	50	208	308	73	1	0	0	0	0	0	0	0	0	0	640		
Percent	7.8%	32.5%	48.1%	11.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
15th Percentile	16 MPH																
50th Percentile	21 MPH																
85th Percentile	24 MPH																
95th Percentile	27 MPH																
Statistics	10 MPH Pace Speed	16-25 MPH															
	Number In Pace	516															
	Percent In Pace	80.8%															
	Number of Vehicles > 25 MPH	74															
	Percent of Vehicles > 25 MPH	11.6%															
	Mean Speed(Average)	21 MPH															

APPENDIX 7

Memorandum

To: Lt. C. Clark
 From: Sgt. J. Rhoads
 Date: 9/21/15
 Re: Traffic Count - Spring Valley Ct. at North Woodridge Road
 (East side of intersection)

Per your request, I conducted a two day traffic count on Spring Valley Ct. Data was gathered concerning speed and volume. The following data was gathered:

Vehicles counted	Toward Valley Head Rd.		Toward North Woodridge		Total	
	#	%	#	%	#	%
Average speed	25 mph		25 mph		25 mph	
00-15 mph	160	53	180	54	340	53
16-30 mph	117	38	140	41	257	40
31-35 mph	26	8	18	5	44	6
36-40 mph	1	0.3	0	0	1	0.2
41-45 mph	0	0	0	0	0	0
46-50 mph	0	0	0	0	0	0
51+ mph	0	0	0	0	0	0
Peak time	Morning & Afternoon commute		Morning & Afternoon commute		Morning & Afternoon commute	

Eastbound traffic flows toward Valley Head Road
 Westbound traffic flows toward North Woodridge Road

Conclusion: This study began Tuesday September 15th and continued through Wednesday September 16th. Peak travel times included morning and afternoon commute hours. Traffic was also heavy during lunchtime.

Note: Speed limit is 25 mph.

Cc: Chief T. Cook
 Captain G. Hagood

Mountain Brook Police Department

101 Tibbett Street
 Mountain Brook, AL 35213
 205 802-3847

Start Time	15-Sep-15 Tue	Toward Valle	Toward N. W	Total
12:00 AM				
01:00				
02:00		1	2	3
03:00		1	0	1
04:00		0	0	0
05:00		0	3	3
06:00		1	11	12
07:00		12	24	36
08:00		3	14	17
09:00		8	9	17
10:00		4	12	16
11:00		6	13	19
12:00 PM		6	10	16
01:00		13	10	23
02:00		9	8	17
03:00		15	17	32
04:00		15	8	23
05:00		18	7	25
06:00		17	14	31
07:00		10	5	15
08:00		7	5	12
09:00		3	1	4
10:00		0	0	0
11:00		1	1	2
Total		150	174	324
Percent		48.3%	53.7%	
AM Peak Vol.		07:00	07:00	07:00
PM Peak Vol.		17:00	15:00	15:00

APPENDIX 7

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 902-3847

Unstaffed Vo

Start Time	15-Sep-15	Toward Valle	Toward N. W	Total					
12:00 AM	Wed	0	1	1					
01:00		0	0	0					
02:00		0	0	0					
03:00		0	0	0					
04:00		0	0	0					
05:00		0	3	3					
06:00		3	9	12					
07:00		11	26	37					
08:00		9	14	23					
09:00		5	4	9					
10:00		9	12	21					
11:00		8	13	21					
12:00 PM		6	8	14					
01:00		11	8	19					
02:00		8	10	18					
03:00		12	10	22					
04:00		10	14	24					
05:00		20	15	35					
06:00		18	10	28					
07:00		11	3	14					
08:00		8	1	7					
09:00		5	3	8					
10:00		2	0	2					
11:00		0	0	0					
Total		154	164	318					
Percent		48.4%	51.6%						
AM Peak	-	07:00	-	-	-	-	-	-	07:00
Vol.	-	11	26	-	-	-	-	-	37
PM Peak	-	17:00	17:00	-	-	-	-	-	17:00
Vol.	-	20	15	-	-	-	-	-	35

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 902-3847

Unstaffed Vo

Start Time	17-Sep-15	Toward Valle	Toward N. W	Total					
12:00 AM	Thu	0	0	0					
01:00		0	0	0					
02:00		.	.	.					
03:00		.	.	.					
04:00		.	.	.					
05:00		.	.	.					
06:00		.	.	.					
07:00		.	.	.					
08:00		.	.	.					
09:00		.	.	.					
10:00		.	.	.					
11:00		.	.	.					
12:00 PM		.	.	.					
01:00		.	.	.					
02:00		.	.	.					
03:00		.	.	.					
04:00		.	.	.					
05:00		.	.	.					
06:00		.	.	.					
07:00		.	.	.					
08:00		.	.	.					
09:00		.	.	.					
10:00		.	.	.					
11:00		.	.	.					
Total		0	0	0					
Percent		0.0%	0.0%						
AM Peak	-	-	-	-	-	-	-	-	-
Vol.	-	-	-	-	-	-	-	-	-
PM Peak	-	-	-	-	-	-	-	-	-
Vol.	-	-	-	-	-	-	-	-	-
Grand Total		304	338						642
Percent		47.4%	52.6%						
ADT		ADT 321	AADT 321						

APPENDIX 7

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3847

Toward Valley Head														Unsettled S			
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
09:15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	1	1	4	5	1	0	0	0	0	0	0	0	0	0	13	29	31
08:00	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	29	29
09:00	0	3	2	3	0	0	0	0	0	0	0	0	0	0	8	28	28
10:00	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4	27	28
11:00	1	1	4	0	0	0	0	0	0	0	0	0	0	0	6	23	24
12 PM	0	1	1	2	2	0	0	0	0	0	0	0	0	0	6	32	34
13:00	0	2	4	7	0	0	0	0	0	0	0	0	0	0	13	28	29
14:00	1	1	1	5	0	0	0	0	0	0	0	0	0	0	9	29	37
15:00	0	1	7	6	1	0	0	0	0	0	0	0	0	0	15	28	31
16:00	1	3	9	2	0	0	0	0	0	0	0	0	0	0	15	24	28
17:00	2	2	5	5	4	0	0	0	0	0	0	0	0	0	18	31	33
18:00	1	1	7	8	0	0	0	0	0	0	0	0	0	0	17	28	29
19:00	0	0	5	2	0	0	0	0	0	0	0	0	0	0	10	26	26
20:00	0	1	1	5	0	0	0	0	0	0	0	0	0	0	7	28	29
21:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	32	34
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24
Total	7	17	58	58	9	1	0	0	0	0	0	0	0	0	150		
Percent	4.7%	11.3%	38.7%	38.7%	6.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	07.00		
AM Peak	07:00	09:00	07:00	07:00	07:00												
Vol.	1	3	4	5	1										12		
PM Peak	17:00	16:00	18:00	18:00	17:00	14:00									17.00		
Vol.	2	3	9	8	4	1									18		

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3847

Toward Valley Head														Unsettled S										
Start Time	16	18	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent							
09:15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
07:00	1	3	2	1	3	0	0	0	0	0	0	0	0	0	11	32	34							
08:00	0	1	4	4	0	0	0	0	0	0	0	0	0	0	9	28	29							
09:00	0	0	3	2	0	0	0	0	0	0	0	0	0	0	5	28	29							
10:00	0	2	6	1	0	0	0	0	0	0	0	0	0	0	8	24	27							
11:00	0	1	2	3	2	0	0	0	0	0	0	0	0	0	8	32	33							
12 PM	0	0	3	2	1	0	0	0	0	0	0	0	0	0	6	30	33							
13:00	0	1	4	5	1	0	0	0	0	0	0	0	0	0	11	29	32							
14:00	0	1	4	2	1	0	0	0	0	0	0	0	0	0	8	29	33							
15:00	0	0	6	6	1	0	0	0	0	0	0	0	0	0	12	29	31							
16:00	1	1	3	2	3	0	0	0	0	0	0	0	0	0	10	32	34							
17:00	1	4	10	5	0	0	0	0	0	0	0	0	0	0	20	27	29							
18:00	0	2	7	6	1	0	0	0	0	0	0	0	0	0	18	28	30							
19:00	0	0	3	6	2	0	0	0	0	0	0	0	0	0	11	30	33							
20:00	0	0	2	3	1	0	0	0	0	0	0	0	0	0	6	30	33							
21:00	0	1	0	4	0	0	0	0	0	0	0	0	0	0	5	29	28							
22:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	33	34							
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Total	3	16	59	59	17	0	0	0	0	0	0	0	0	0	154									
Percent	1.9%	10.4%	38.3%	38.3%	11.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	07.00									
AM Peak	07:00	07:00	10:00	08:00	07:00																			
Vol.	1	2	6	4	3										11									
PM Peak	18:00	17:00	17:00	18:00	18:00										17.00									
Vol.	1	4	10	8	3										20									
Grand Total	10	33	117	117	26	1	0	0	0	0	0	0	0	0	304									
Percent	3.3%	10.8%	38.5%	38.5%	8.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%										
Statistics	10 MPH Pace Speed :		21-30 MPH		Number in Pace :		234		Percent in Pace :		77.0%		Number of Vehicles > 25 MPH :		144		Percent of Vehicles > 25 MPH :		47.4%		Mean Speed(Average) :		25 MPH	
	15th Percentile :		20 MPH		50th Percentile :		24 MPH		85th Percentile :		28 MPH		95th Percentile :		32 MPH									

APPENDIX 7

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3647

Toward N. Woodridge														United S			
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	Total	85th Percent	95th Percent
091515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	23	24
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	27	28
06:00	0	1	7	3	0	0	0	0	0	0	0	0	0	0	11	27	28
07:00	0	1	8	14	1	0	0	0	0	0	0	0	0	0	24	29	29
08:00	0	2	6	6	0	0	0	0	0	0	0	0	0	0	14	28	29
09:00	1	1	3	4	0	0	0	0	0	0	0	0	0	0	9	28	29
10:00	0	2	6	3	1	0	0	0	0	0	0	0	0	0	12	28	31
11:00	2	2	4	6	0	0	0	0	0	0	0	0	0	0	13	28	29
12 PM	0	2	3	3	2	0	0	0	0	0	0	0	0	0	10	31	33
13:00	0	0	5	5	0	0	0	0	0	0	0	0	0	0	10	28	29
14:00	1	1	2	3	1	0	0	0	0	0	0	0	0	0	8	28	32
15:00	2	1	2	12	0	0	0	0	0	0	0	0	0	0	17	28	29
16:00	0	2	2	3	1	0	0	0	0	0	0	0	0	0	8	29	32
17:00	0	0	3	4	0	0	0	0	0	0	0	0	0	0	7	28	29
18:00	1	1	4	4	4	0	0	0	0	0	0	0	0	0	14	32	34
19:00	1	1	2	1	0	0	0	0	0	0	0	0	0	0	5	26	28
20:00	1	1	2	1	0	0	0	0	0	0	0	0	0	0	5	26	28
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	18	19
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24
Total	10	19	63	72	10	0	0	0	0	0	0	0	0	0	174		
Percent	5.7%	10.8%	36.2%	41.4%	5.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
AM Peak	11:00	08:00	07:00	07:00	07:00											07:00	
Vol	2	2	8	14	1											24	
PM Peak	15:00	12:00	13:00	15:00	18:00											15:00	
Vol	2	2	6	12	4											17	

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3647

Toward N. Woodridge														United S			
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	Total	85th Percent	95th Percent
091515	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	34	34
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3	26	29
06:00	0	1	6	2	1	0	0	0	0	0	0	0	0	0	9	29	32
07:00	0	0	14	12	0	0	0	0	0	0	0	0	0	0	28	29	29
08:00	0	0	4	10	0	0	0	0	0	0	0	0	0	0	14	28	29
09:00	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4	28	29
10:00	0	2	6	3	1	0	0	0	0	0	0	0	0	0	12	28	31
11:00	0	3	4	6	0	0	0	0	0	0	0	0	0	0	13	28	29
12 PM	0	2	3	2	1	0	0	0	0	0	0	0	0	0	8	29	32
13:00	0	1	4	3	0	0	0	0	0	0	0	0	0	0	8	28	29
14:00	0	2	3	4	1	0	0	0	0	0	0	0	0	0	10	29	32
15:00	0	0	5	5	0	0	0	0	0	0	0	0	0	0	10	28	29
16:00	0	1	7	4	2	0	0	0	0	0	0	0	0	0	14	28	33
17:00	1	1	5	7	1	0	0	0	0	0	0	0	0	0	18	29	31
18:00	0	1	5	4	0	0	0	0	0	0	0	0	0	0	10	28	29
19:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	27	29
20:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	29	29
21:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	23	24
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	16	71	68	8	0	0	0	0	0	0	0	0	0	164		
Percent	0.6%	9.8%	43.3%	41.5%	4.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
AM Peak	11:00	07:00	07:00	07:00	00:00											07:00	
Vol	3	14	12	1												26	
PM Peak	17:00	12:00	16:00	17:00	10:00											17:00	
Vol	1	2	7	7	2											15	
Grand Total	11	35	134	140	18	0	0	0	0	0	0	0	0	0	336		
Percent	3.3%	10.4%	39.6%	41.4%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
15th Percentile	20 MPH																
50th Percentile	24 MPH																
85th Percentile	28 MPH																
95th Percentile	30 MPH																
10 MPH Pace Speed	21-30 MPH																
Number in Pace	274																
Percent in Pace	81.1%																
Number of Vehicles > 25 MPH	158																
Percent of Vehicles > 25 MPH	46.7%																
Mean Speed(Average)	25 MPH																

APPENDIX 7

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3847

Unfiled 5

Toward Valley Head, Toward N. Woodridge														Total	85th Percent	95th Percent	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
08:15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00	0	1	7	4	0	0	0	0	0	0	0	0	0	0	0	0	12
07:00	1	2	12	19	2	0	0	0	0	0	0	0	0	0	0	0	36
08:00	0	2	5	9	0	0	0	0	0	0	0	0	0	0	0	0	17
09:00	1	4	5	7	0	0	0	0	0	0	0	0	0	0	0	0	17
10:00	0	2	9	4	1	0	0	0	0	0	0	0	0	0	0	0	18
11:00	3	3	8	5	0	0	0	0	0	0	0	0	0	0	0	0	19
12 PM	0	3	4	5	4	0	0	0	0	0	0	0	0	0	0	0	18
13:00	0	2	9	12	0	0	0	0	0	0	0	0	0	0	0	0	23
14:00	2	2	3	8	1	1	0	0	0	0	0	0	0	0	0	0	17
15:00	2	2	9	18	1	0	0	0	0	0	0	0	0	0	0	0	32
16:00	1	6	11	5	1	0	0	0	0	0	0	0	0	0	0	0	23
17:00	2	2	8	9	4	0	0	0	0	0	0	0	0	0	0	0	25
18:00	2	2	11	12	4	0	0	0	0	0	0	0	0	0	0	0	31
19:00	1	1	10	3	0	0	0	0	0	0	0	0	0	0	0	0	15
20:00	1	2	3	6	0	0	0	0	0	0	0	0	0	0	0	0	12
21:00	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	4
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	17	36	121	130	19	1	0	0	0	0	0	0	0	0	0	0	324
Percent	5.2%	11.1%	37.3%	40.1%	5.9%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	07.00
AM Peak	11:00	09:00	07:00	07:00	07:00												36
Vol.	3	4	12	19	2												60
PM Peak	14:00	16:00	16:00	19:00	12:00	14:00											19
Vol.	2	5	11	15	4	1											32

Mountain Brook Police Department

101 Tibbett Street
Mountain Brook, AL, 35213
205 802-3847

Unfiled 5

Toward Valley Head, Toward N. Woodridge														Total	85th Percent	95th Percent	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
08:15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	12
07:00	1	2	16	18	3	0	0	0	0	0	0	0	0	0	0	0	37
08:00	0	1	6	14	0	0	0	0	0	0	0	0	0	0	0	0	23
09:00	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	9
10:00	0	4	12	4	1	0	0	0	0	0	0	0	0	0	0	0	21
11:00	0	4	6	9	2	0	0	0	0	0	0	0	0	0	0	0	21
12 PM	0	2	8	4	2	0	0	0	0	0	0	0	0	0	0	0	14
13:00	0	2	8	6	1	0	0	0	0	0	0	0	0	0	0	0	14
14:00	0	3	7	6	2	0	0	0	0	0	0	0	0	0	0	0	19
15:00	0	0	11	10	1	0	0	0	0	0	0	0	0	0	0	0	22
16:00	1	2	10	8	5	0	0	0	0	0	0	0	0	0	0	0	24
17:00	2	8	15	12	1	0	0	0	0	0	0	0	0	0	0	0	36
18:00	0	3	12	12	1	0	0	0	0	0	0	0	0	0	0	0	28
19:00	0	0	5	7	2	0	0	0	0	0	0	0	0	0	0	0	14
20:00	0	0	2	4	1	0	0	0	0	0	0	0	0	0	0	0	7
21:00	0	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	8
22:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	32	130	127	25	0	0	0	0	0	0	0	0	0	0	0	318
Percent	1.3%	10.1%	40.9%	39.8%	7.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	07.00
AM Peak	07:00	10:00	07:00	07:00	07:00												37
Vol.	1	4	16	15	3												60
PM Peak	17:00	17:00	17:00	17:00	16:00												17
Vol.	2	5	15	12	5												35
Grand Total	21	68	251	257	44	1	0	0	0	0	0	0	0	0	0	0	642
Percent	3.3%	10.6%	39.1%	40.0%	6.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

15th Percentile : 20 MPH
 50th Percentile : 24 MPH
 85th Percentile : 29 MPH
 95th Percentile : 31 MPH

Statistics
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 508
 Percent in Pace : 79.1%
 Number of Vehicles > 25 MPH : 302
 Percent of Vehicles > 25 MPH : 47.0%
 Mean Speed(Average) : 25 MPH

APPENDIX 7