

CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number: \_\_\_\_\_

Meeting Type: Regular

Meeting Date: Sep 25, 2014

Action Requested By: Engineering

Agenda Type: Resolution

Subject Matter:

Modification No. 1 to Agreement with Goodwyn, Mills and Cawood, Inc.

Exact Wording for the Agenda:

Resolution authorizing the Mayor to modify the agreement with Goodwyn, Mills and Cawood, Inc. for Engineering Design Services for Wynn Drive Relocation, Project No. 65-14-RD02, by Modification No. 1

Note: If amendment, Please state title and number of the original

Item to be considered for: Action

Unanimous Consent Required: No

Briefly state why the action is required; why it is recommended; what council action will provide, allow and accomplish and; any other information that might be helpful.

This modification is for additional improvements along Old Madison Pike, west of I-565, resulting from coordination with ALDOT. Additional surveying and design services for approximately 1500 LF of new turn lane along Old Madison Pike for a total modification amount of \$31,591.80. New end date: December 26, 2014. Account No. 23-6500-0813-8517

Associated Cost: \$31,591.80

Budgeted Item: \_\_\_\_\_

MAYOR RECOMMENDS OR CONCURS: \_\_\_\_\_

Department Head: Kathy Mar

Date: \_\_\_\_\_

# ROUTING SLIP CONTRACTS AND AGREEMENTS

Originating Department: **Engineering**

Council Meeting Date: **9/25/2014**

Department Contact: **Lynn Majors**

Phone # **256-427-5201**

Contract or Agreement: **Modification No. 1**

Document Name: **GMC - Wynn Drive Relocation, Project No. 65-14-RD02**

City Obligation Amount: **\$31,591.80**

Total Project Budget: **\$140,052.30**

Uncommitted Account Balance: **0**

Account Number: **23-6500-0813-8517**

## Procurement Agreements

<b><u>Not Applicable</u></b>	<b><u>Not Applicable</u></b>
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## Grant-Funded Agreements

<b><u>Not Applicable</u></b>	<b>Grant Name:</b>
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Department	Signature	Date
1) Originating	<i>Lynn Majors</i>	9/19/14
2) Legal	<i>Mary C. Cates</i>	9/19/14
3) Finance	<i>[Signature]</i>	9/19/14
4) Originating		
5) Copy Distribution		
a. Mayor's office (1 copies)		
b. Clerk-Treasurer (Original & 2 copies)		

**RESOLUTION NO. 14-**

**BE IT RESOLVED** by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama to enter into Modification No. 1 to the Agreement with Goodwyn, Mills and Cawood, Inc., adopted and approved on the 13th day of March, 2014, by the City Council of the City of Huntsville, Alabama by Resolution No. 14-193, as attached hereto.

**BE IT FURTHER RESOLVED** that the total contract amount be and hereby is modified from ONE HUNDRED EIGHT THOUSAND FOUR HUNDRED SIXTY AND .50/100 DOLLARS (\$108,460.50) to ONE HUNDRED FORTY THOUSAND FIFTY-TWO AND .30/100 DOLLARS (\$140,052.30), including this Modification No. 1, an increase of THIRTY-ONE THOUSAND FIVE HUNDRED NINETY-ONE AND .80/100 DOLLARS (\$31,591.80). New end date: December 26, 2014. Agreement is substantially in words and figures similar to that document attached hereto and identified as "Modification No. 1 to Agreement between City of Huntsville and Goodwyn, Mills and Cawood, Inc. for Engineering Design Services for Wynn Drive Relocation, Project No. 65-14-RD02, as adopted by Resolution No. 14-193 of March 13, 2014" consisting of a total of three (3) pages plus fifteen (15) additional pages consisting of Attachment "A", and the date of September 25, 2014, appearing on the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

**ADOPTED** this the 25th day of September, 2014.

\_\_\_\_\_  
President of the City Council of  
the City of Huntsville, Alabama

**APPROVED** this the 25th day of September, 2014.

\_\_\_\_\_  
Mayor of the City of Huntsville,  
Alabama

STATE OF ALABAMA )  
COUNTY OF MADISON )

Modification No. 1 to Agreement between  
the City of Huntsville and Goodwyn, Mills  
and Cawood, Inc. for Engineering Design  
Services for Wynn Drive Relocation,  
Project No. 65-14-RD02, as adopted by  
Resolution No. 14-193 of March 13, 2014

**THIS IS MODIFICATION NO. 1 TO AN AGREEMENT** entered in on the 13th day of March, 2014, in the amount of ONE HUNDRED EIGHT THOUSAND FOUR HUNDRED SIXTY AND .50/100 DOLLARS (\$108,460.50). The original Agreement is hereby amended by Modification No. 1 dated September 25, 2014, by and between the City of Huntsville, Alabama, a municipal corporation in the State of Alabama (Owner) and GOODWYN, MILLS AND CAWOOD, INC., (ENGINEER).

**WITNESSETH**

**WHEREAS**, the firm identified as the ENGINEER to the Agreement dated March 13, 2014, has proposed a change, identified as Attachment "A" to the Original Agreement. This modification delineates a change to the additional design cost and time required for a new left turn lane on Old Madison Pike and the coordination with Alabama Department of Transportation in the amount of THIRTY-ONE THOUSAND FIVE HUNDRED NINETY-ONE AND .80/100 DOLLARS (\$31,591.80) for a revised contract amount of ONE HUNDRED FORTY THOUSAND FIFTY-TWO AND .30/100 DOLLARS (\$140,052.30).

**WHEREAS**, the Owner desires that the contract drawings be altered to be consistent with Attachment "A" hereto.

**NOW THEREFORE**, in consideration of the mutual covenants set forth herein, the Owner and the ENGINEER agree to the following modifications to the agreement:

1. Goodwyn, Mills and Cawood, Inc., will provide for additional design cost and time required for a new left turn lane on Old Madison Pike and the coordination with Alabama Department of Transportation at a lump sum amount of THIRTY-ONE THOUSAND FIVE HUNDRED NINETY-ONE AND .80/100 DOLLARS (\$31,591.80). New end date: December 26, 2014.

\_\_\_\_\_  
President of the City Council of the City of  
Huntsville, AL  
Date: September 25, 2014

2. Item #1 shall be performed in accordance with the original agreement dated March 13, 2014, and approved by the City Council by Resolution No. 14-193, and as described in the letter from Kenny Shelton to Shane Davis, dated September 12, 2014, shown as Attachment "A".
3. The terms of this contract modification and the execution thereof is not in any way to be viewed as a waiver on the part of the Owner of any of its rights pursuant to the Contract.
4. All other terms and conditions remain unchanged.

**IN WITNESS WHEREOF**, the parties have entered their hands and seals and attest to the same with the signature of the Mayor being the official act of the said municipality in accordance with his duly constituted authority.

THE CITY OF HUNTSVILLE, ALABAMA,  
a municipal corporation

By: \_\_\_\_\_  
Tommy Battle  
Its Mayor

ATTEST:

\_\_\_\_\_  
Charles E. Hagood  
City Clerk-Treasurer

STATE OF ALABAMA     )  
COUNTY OF MADISON    )

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Tommy Battle and Charles E. Hagood, whose names as Mayor and City Clerk-Treasurer of the City of Huntsville, a municipal corporation, are signed to the foregoing instrument, and who are known to me, acknowledged before me on this day that, being informed of the contents of the instrument, they, in their capacity as such officers, executed the same with full authority for and as the act of said corporation on the day the same bears day.

GIVEN under my hand and official seal this the \_\_\_\_\_ day of \_\_\_\_\_ 2014.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

ENGINEER: GOODWYN, MILLS AND  
CAWOOD, INC.

By: \_\_\_\_\_

ATTEST:

\_\_\_\_\_

STATE OF ALABAMA    )  
COUNTY OF MADISON )

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Charles Faulkner, as President, is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he, in his capacity as such officer, executed the same with full authority for and as the act of said Corporation on the day the same bears day.

GIVEN under my hand and official seal this the \_\_\_\_\_ day of \_\_\_\_\_ 2014.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_



GOODWYN | MILLS | CAWOOD

September 12, 2014

Mr. Shane Davis, P.E.  
City Engineer  
City of Huntsville Engineering  
P.O. Box 308  
Huntsville, Alabama 35804

**RE: Wynn Drive Relocation from Technology Drive  
to Old Madison Pike in Madison County, AL**

Dear Mr. Davis,

By copy of this letter Goodwyn, Mills and Cawood, Inc. (GMC) hereby requests an extension to the original contract expiration date. Our current contract expires on 09/30/14. We are requesting this extension due to delays caused by review and approvals required by the Alabama Department of Transportation (ALDOT) and the Federal Highway Administration (FHWA). In addition we are requesting a modification to our contract to include supplemental engineering services for the widening of Old Madison Pike. During the review process and coordination with FHWA/ALDOT, it was determined that Old Madison Pike would require widening to include a left and right deceleration lane. GMC has prepared a man-day estimate of supplemental services for the aforementioned work. The estimate is attached herewith this letter. GMC's scope of services are as follows:

**Field Survey**

GMC will perform ground run survey of approximately 1000 feet of roadway along Old Madison Pike and prepare topographic map for use in design.

**Roadway Plans**

GMC will develop construction plans per City of Huntsville requirements for the widening of Old Madison Pike to include a left and right deceleration lane. The plans will include typical sections, plan and profile sheets, paving layout sheets, traffic control sheets, signing and striping sheets, utility location sheets, drainage sections sheets, erosion control sheets, and cross section sheets. It is our intent to include the plans with the design plan assembly for the relocation of Wynn Drive.

It is assumed the plans will be a part of the Wynn Drive relocation plans.

**Traffic Analysis**

GMC will use Skipper Engineering as subconsultant to preform traffic analysis. Please see attached Scope of Work.

Please see the attached spreadsheet for individual man-days. Fee for above services is shown below.

<b>Task</b>	<b>Fee</b>
Field Survey (Lump Sum).....	\$3,060.00
Roadway Plans (Lump Sum).....	\$17,431.80
Traffic Analysis (Lump Sum).....	\$11,100.00
<b>Total (Lump Sum)</b>	<b>\$31,591.80</b>

TRANSPORTATION  
SURVEYING  
PLANNING  
LANDSCAPE  
INTERIOR DESIGN  
GEOTECHNICAL  
ENVIRONMENTAL  
ENGINEERING  
ARCHITECTURE



**Exclusions to the Scope of Work**

Environmental documents or approvals, signal design, lighting design, retaining wall design, irrigation and landscaping design, as-built survey, construction staking, right-of-way map preparation, tract maps, right of way acquisition, right of way staking, subdivision plats, construction administration, on-site inspection, materials testing during construction. Items can be included in the scope of work if requested for additional fees.

Goodwyn, Mills and Cawood, Inc. appreciates the opportunity to provide our services on this important City of Huntsville project. Estimated completion date for work contained in the existing contract (incl. supplement) is **December 26, 2014**.

If you have any questions or comments on our fee proposal, please call me at 539-3431.

*Kenny Shelton*  
Sincerely,

Goodwyn, Mills and Cawood, Inc.

Kenny Shelton, P.E.

## **SCOPE OF WORK**

### **Traffic Analysis for Wynn Drive Relocation Wynn Drive at Old Madison Pike Huntsville, Alabama**

The Consultant proposes to undertake all data collection, analysis, documentation, and project administration required to provide analysis and documentation required by ALDOT for them to reach a decision on a request by the City of Huntsville to relocate Wynn Drive approximately 1,100 feet to the east of its current intersection with Old Madison Pike in Huntsville, Alabama. It is understood, from discussions with the Alabama Department of Transportation, the study would include the intersections of the current intersection of Wynn Drive, I-565 southbound ramp and I-565 northbound ramp with Old Madison Pike. The section of Old Madison Pike within the limits of the intersections stated would also be included. The following sections contain the Consultant's understanding of this assignment.

**Task 1 – Initial Study Scoping Teleconference.** The Consultant shall commence the project by conducting a teleconference with representatives of the City of Huntsville and Alabama Department of Transportation. The purpose of this telephone conference will be to: determine previous work efforts within the vicinity of the study area intersections that are relevant; obtain plans for the expansion of the Calhoun Community College (CCC) campus, proposed roadway relocations plans, review parameters that will be reviewed as part of the study process and reviewed by the ALDOT; and establish contacts for all agencies involved.

**Task 2 – Data Collection/Field Observations.** Following the initial study scoping telephone conference the Consultant will conduct peak hour observations associated with traffic operations on Old Madison Pike and Wynn Drive as well as CCC. Observations will establish any current traffic queuing at the study intersections or segments along Old Madison Pike, traffic operational deficiencies, traffic congestion and operations associated with driveways in the vicinity.

**Traffic Counts.** Data collection shall include traffic counts and shall be performed as follows:

Intersection Turning Movement Traffic Counts (Weekday, 7-9 AM, 4-6 PM)

- Old Madison Pike at Wynn Drive;
- Old Madison Pike at I-565 southbound ramp;
- Old Madison Pike at I-565 northbound ramp; and
- Wynn Drive at access to CCC.

Additionally, daily machine counts will be conducted at up to two (2) locations within the study area that will include vehicle speed and volume by direction.

**Task 3 – Traffic Analysis (current and proposed conditions with Wynn Drive relocation).**

Utilizing the current traffic count data collected and the current roadway geometrics, the Consultant will undertake a traffic analysis of current and proposed (Wynn Drive relocated) conditions. This analysis will be undertaken utilizing a traffic operational model that is constructed by the Consultant and measures operational parameters that include capacity, vehicle queuing, vehicle speeds through the study area, and congestion. A comparison between existing and proposed conditions will be undertaken to measure the impact (if any) of the proposed relocation project. If deficiencies are determined for conditions with Wynn Drive relocated, the Consultant will perform additional analysis to determine what changes should be made to the proposed realignment to result in safe and efficient operations within the study area.

The Consultant will illustrate modifications required on Wynn Drive and Old Madison Pike required to provide acceptable traffic operations with the relocation of Wynn Drive. This illustration will be provided and submitted to the City in preparation for a meeting to discuss the study findings to date and establish a schedule for completion of study efforts.

**Task 4 – Study Documentation.** Following the above described meeting with the City of Huntsville where the result of the study process are discussed, the Consultant will provide documentation of the study process which outlined data collected, analysis and recommendations. This documentation will be provided in report format and be submitted in draft format for the City’s review and comment. Following review by the City, the Consultant will provide up to six (6) copies of the final report as well as an electronic version to the City for distribution. It is anticipated the City will transmit the document as support of a request to relocate Wynn Drive to the Alabama Department of Transportation (ALDOT).

**Task 5 – Review Meetings with City and ALDOT.** The Consultant anticipates at least one (1) such meeting will be required beyond those outlined in the scope of work outlined in this agreement. If meetings beyond those outlined are required, the Consultant will undertake them upon authorization by the City and paid as additional services using the Consultant’s standard hourly rate.

**PROPOSED BUDGET.** The Consultant proposes to undertake this assignment on a fixed fee basis as follows:

Traffic Counts	\$	1,900.00
Traffic Analysis	\$	6,000.00
Meetings/Travel	\$	3,200.00
<b>Total Budget</b>	<b>\$</b>	<b>11,100.00</b>

9/12/2014

City of Huntsville Engineering Division

3:01 PM

<b>Project No.</b>	
<b>Project Name</b>	Wynn Drive (Supplemental Services)
<b>Description</b>	Relocation of Wynn Drive from Technology Drive to Old Madison Pike
<b>Scope of Work</b>	Grade, Drain, Base, and Pave
<b>Project Length</b>	1200 LF
<b>C.O.H. Project Engineer</b>	Shane Davis, PE
<b>Engineering Consultant</b>	Goodwyn, Mills, and Cawood, Inc.

**GRAND TOTAL OF FEE PROPOSAL**

	Labor Cost	Out-of-pocket Expenses	Fee
Corridor Study	\$0.00	\$0.00	\$0.00
Field Surveys	\$3,060.00	\$0.00	\$3,060.00
Preliminary Roadway Plans	\$0.00	\$0.00	\$0.00
Preliminary Bridge Plans	\$0.00	\$0.00	\$0.00
Right-of-Way Map, Tract Sketches and Deeds	\$0.00	\$0.00	\$0.00
Roadway Plans	\$28,531.80	\$0.00	\$28,531.80
Bridge Plans	\$0.00	\$0.00	\$0.00
Drainage Plans	\$0.00	\$0.00	\$0.00
Sanitary Sewer Plans	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
<b>GRAND TOTAL FEE</b>			<b>\$31,592</b>

LABOR RATES	Effective Time Period	
Classification	Hourly Rate	Assigned Personnel
Project Engineer	\$160.00	Kenny Shelton
Environmental Scientist		
Design Engineer		
Engineer Tech. / CADD	\$80.00	Sarah Ray, Larry Stavish
Clerical	\$70.00	Patty Gerech
PLS	\$120.00	Rusty Blackwell
Survey Crew	\$105.00	John Miscik and Ryan Ray

*Kenny Shelton*  
 Signed

09/12/14  
 Date

PROJECT MANAGER  
 Position/Title



9/12/2014

City of Huntsville Engineering Division

3:02 PM

<b>Project No.</b>			
<b>Project Name</b> Wynn Drive (Supplemental Services)			
<b>Description</b> Relocation of Wynn Drive from Technology Drive to Old Madison Pike			
<b>Scope of Work</b> Grade, Drain, Base, and Pave			
<b>Project Length</b> 1200 LF			
<b>C.O.H. Project Engineer</b> Shane Davis, PE			
<b>Engineering Consultant</b> Goodwyn, Mills, and Cawood, Inc.			
<b>Fee Proposal (Field Survey)</b>			
<b>PERSONNEL COST</b>			
	<b>Man-days</b>	<b>Daily Rate @ 8hrs/day</b>	
Project Engineer	0.00	\$ 1,280.00	\$ -
PLS	1.00	\$ 960.00	\$ 960.00
Survey Crew	2.50	\$ 840.00	\$ 2,100.00
Engineer Tech. / CADD	0.00	\$ 640.00	\$ -
Clerical	0.00	\$ 560.00	\$ -
	<b>Sub-Total</b>		<b>\$ 3,060.00</b>
<b>SUB-CONSULTANTS (attach man-day &amp; fee FROM each sub-consultant; show total fee for each here)</b>			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
	<b>Sub-Total</b>		<b>\$ -</b>
<b>TOTAL LABOR</b>			<b>\$ 3,060.00</b>

9/12/2014

City of Huntsville Engineering Division

3:02 PM

<b>Project No.</b>				
<b>Project Name</b> Wynn Drive (Supplemental Services)				
<b>Description</b> Relocation of Wynn Drive from Technology Drive to Old Madison Pike				
<b>Scope of Work</b> Grade, Drain, Base, and Pave				
<b>Project Length</b> 1200 LF				
<b>C.O.H. Project Engineer</b> Shane Davis, PE				
<b>Engineering Consultant</b> Goodwyn, Mills, and Cawood, Inc.				
<b>FIELD SURVEY</b>		PLS	Survey Crew	Engineer Tech. / CADD
<b>Based on a 2 Man Crew</b>		<b>ESTIMATED MAN-DAYS</b>		
<b>Task</b>				
Contact Property Owners	0.00	0.00	0.00	
Perform Basic Control Survey	0.00	0.00	0.00	
Obtain Topographic Data	0.00	2.50	0.00	
Define Drainage Areas/Prepare Schematic Drainage Map	0.00	0.00	0.00	
Identify/Locate Utilities	0.00	0.00	0.00	
Tie to Required Property Corners	0.00	0.00	0.00	
Obtain Copies of Latest Deeds	0.00	0.00	0.00	
Set & Reference PIs, PCs, POTs, POCs, & other critical points	0.00	0.00	0.00	
Prepare Detailed Topographical/Field Map	1.00	0.00	0.00	
	0.00	0.00	0.00	
	0.00	0.00	0.00	
	0.00	0.00	0.00	
<b>TOTALS</b>	<b>1.00</b>	<b>2.50</b>	<b>0.00</b>	

9/12/2014

City of Huntsville Engineering Division

3:00 PM

<b>Project No.</b>			
<b>Project Name</b> Wynn Drive (Supplemental Services)			
<b>Description</b> Relocation of Wynn Drive from Technology Drive to Old Madison Pike			
<b>Scope of Work</b> Grade, Drain, Base, and Pave			
<b>Project Length</b> 1200 LF			
<b>C.O.H. Project Engineer</b> Shane Davis, PE			
<b>Engineering Consultant</b> Goodwyn, Mills, and Cawood, Inc.			
<b>Fee Proposal (Roadway Plans)</b>			
<b>PERSONNEL COST</b>			
	<b>Man-days</b>	<b>Daily Rate @ 8hrs/day</b>	
Project Engineer	7.00	\$ 1,280.00	\$ 8,960.00
Design Engineer	0.00	\$ -	\$ -
Engineer Tech. / CADD	12.37	\$ 640.00	\$ 7,916.80
Clerical		\$ 560.00	\$ -
<b>Sub-Total</b>			<b>\$ 16,876.80</b>
<b>SUB-CONSULTANTS (attach man-day &amp; fee FROM each sub-consultant; show total fee for each here)</b>			
Skipper Engineering			\$ 11,100.00
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ 555.00
<b>Sub-Total</b>			<b>\$ 11,655.00</b>
<b>TOTAL LABOR</b>			<b>\$ 28,531.80</b>





9/12/2014

City of Huntsville Engineering Division

3.03 PM

ROADWAY PLANS  SHEET TITLE	# OF SHEETS	ESTIMATED MAN-DAYS					
		Project Engineer		Design Engineer		Engineer Tech. / CADD	
		DAYS/ SHEET	TOTAL	DAYS/ SHEET	TOTAL	DAYS/ SHEET	TOTAL
<b>ROADWAY CROSS SECTIONS</b>							
Main Roadway	7.00	0.10	0.70	0.00	0.00	0.25	1.75
Crossroads	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Earthwork Balancing	1.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>SUB-TOTAL</b>	<b>23.00</b>		<b>4.50</b>		<b>0.00</b>		<b>11.37</b>
<b>REVIEW MEETINGS</b>							
Design Criteria/Kickoff			0.00		0.00		
30% Review					0.00		
60% Review					0.00		
90% Review					0.00		
<b>Stormwater Permits</b>			0.50		0.00		0.00
<b>Drainage Report</b>			2.00		0.00		1.00
<b>Cost Estimates</b>			0.00		0.00		
<b>Design Hearing</b>			0.00		0.00		0.00
			0.00		0.00		0.00
			0.00		0.00		0.00
			0.00		0.00		0.00
<b>SUB-TOTAL</b>			<b>2.50</b>		<b>0.00</b>		<b>1.00</b>
<b>TOTAL MAN-DAYS</b>			<b>7.00</b>		<b>0.00</b>		<b>12.37</b>