

CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number: _____

Meeting Type: Regular

Meeting Date: Feb 11, 2016

Action Requested By: Engineering

Agenda Type: Resolution

Subject Matter:

Modification No. 10 to Agreement with Johnson & Associates Consulting Engineers, LLC.

Exact Wording for the Agenda:

Resolution authorizing the Mayor to execute Modification No. 10 to the agreement between the City of Huntsville and Johnson & Associates Consulting Engineers, L.L.C. for Utility Easement Acquisition for Church Street & Pratt Avenue Widening and Realignment, Phase I, State Project No. STPHV-4500(200) & City Project No. 65-01-RD05.

02-462, 05-060, 08-34, 10-269, 10-697, 12-247, 12-964, 13-237, 15-548, 15-648

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 with Johnson & Associates will cover additional design services for demolition plan associated with the Sherman Concrete Plant site recently acquired. The scope will include limited surveying needed in order to revise the quantity sheets, construction cost estimate, and erosion control plan for a total modification amount of \$14,022.00. Account No. 3020-71-00000-524000-PR8178XX.

Associated Cost: \$14,022.00

Budgeted Item: _____

MAYOR RECOMMENDS OR CONCURS: _____

Department Head: *Gathys Martin*

PAUL TNU

Date: 2-3-16

**ROUTING SLIP
CONTRACTS AND AGREEMENTS**

Originating Department: **Engineering**

Council Meeting Date: **2/11/2016**

Department Contact: **Lynn Majors**

Phone # **256-427-5201**

Contract or Agreement: **Modification No. 10**

Document Name: **Johnson & Associates - Church Street Modification No. 10, Project No. 65-01-RD05
& ALDOT Project No. STPHV-4500(200)**

City Obligation Amount: **\$14,022.00**

Total Project Budget: **\$1,172,826.29**

Uncommitted Account Balance: **0**

Account Number: **3020-71-00000-524000-PR8178XX**

Procurement Agreements

Not Applicable	Not Applicable
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Grant-Funded Agreements

Not Applicable	Grant Name:
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Department	Signature	Date
1) Originating	<i>Kathryn</i>	2/3/16
2) Legal	<i>Henry C. Carter</i>	2/3/16
3) Finance	<i>[Signature]</i>	
4) Originating		
5) Copy Distribution		
a. Mayor's office (1 copies)		
b. Clerk-Treasurer (Original & 2 copies)		

RESOLUTION NO. 16-

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 execute Modification No. 10 to the Agreement between the City of Huntsville and Johnson & Associates Consulting Engineers, L.L.C., adopted and approved on the 13th day of June, 2002, by the City Council of the City of Huntsville, Alabama by Resolution No. 02-462, and amended on the 27th day of January, 2005, by Resolution No. 05-060, and amended on the 10th day of January, 2008, by Resolution No. 08-34, and amended on the 8th day of April, 2010, by Resolution No. 10-269, and amended on the 9th day of September, 2010, by Resolution No. 10-697, and amended on the 22nd day of March, 2012, by Resolution No. 12-247, and amended on the 1st day of November, 2012, by Resolution No. 12-964, and amended on the 28th day of March, 2013, by Resolution No. 13-237, and amended on the 23rd day of July, 2015, by Resolution No. 15-548, and amended on the 27th day of August, 2015, by Resolution No.15-648, as attached hereto.

BE IT FURTHER RESOLVED that the total contract amount be and hereby is modified from ONE MILLION ONE HUNDRED FIFTY-EIGHT THOUSAND EIGHT HUNDRED FOUR AND .29/100 DOLLARS (\$1,158,804.29) to ONE MILLION ONE HUNDRED SEVENTY-TWO THOUSAND EIGHT HUNDRED TWENTY SIX AND .29/100 DOLLARS (\$1,172,826.29), including this Modification No. 10, an increase of FOURTEEN THOUSAND TWENTY-TWO AND .00/100 DOLLARS (\$14,022.00). Agreement is substantially in words and figures similar to that document attached hereto and identified as "Modification No. 10 to Agreement between City of Huntsville and Johnson & Associates Consulting Engineers, L.L.C. for Utility Easement Acquisition for Church Street & Pratt Avenue Widening & Realignment, Phase I, State Project No. STPHV-4500(200) & City Project No. 65-01-RD05, as adopted by Resolution No. 02-462 of June 13, 2002, and amended by Resolution No. 05-060 of January 27, 2005, and amended by Resolution No. 08-34 of January 10, 2008, and amended by Resolution No. 10-269 of April 8, 2010, and amended by Resolution No. 10-697 of September 9, 2010, and amended by Resolution No. 12-247 of March 22, 2012, and amended by Resolution No. 12-964 of November 1, 2012, and amended by Resolution No. 13-237 of March 28, 2013, and amended by Resolution No. 15-548 of July 23, 2015 and amended on the 27th day of August, 2015, by Resolution No. 15-648" consisting of a total of four (4) pages plus eleven (11) additional pages consisting of Attachment "A", and the date of February 11, 2016, 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

RESOLUTION NO. 16-_____

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 11th day of February, 2016.

President or President Pro Tem
of the City Council of the
City of Huntsville, Alabama

APPROVED this the 11th day of February, 2016.

Mayor of the City of Huntsville,
Alabama

STATE OF ALABAMA)
COUNTY OF MADISON)

Modification No. 10 to Agreement between the City of Huntsville and Johnson & Associates Consulting Engineers, L.L.C. for Utility Easement Acquisition for Church Street & Pratt Avenue Widening & Realignment, Phase I, State Project No. STPHV-4500(200) & City Project No. 65-01-RD05, as adopted by Resolution No. 02-462 of June 13, 2002, and amended by Resolution No. 05-060 of January 27, 2005, and amended by Resolution No. 08-34 of January 10, 2008, and amended by Resolution No. 10-269 of April 8, 2010, and amended by Resolution No. 10-697 of September 9, 2010, and amended by Resolution No. 12-247 of March 22, 2012, and amended by Resolution No. 12-964 of November 1, 2012, and amended by Resolution No. 13-237 of March 28, 2013, and amended by Resolution No. 15-548 of July 23, 2015 and amended by Resolution No. 15-648 of August 27, 2015.

THIS IS MODIFICATION NO. 10 TO AN AGREEMENT entered in on the 13th day of June, 2002, in the amount of THREE HUNDRED SIXTY-SEVEN THOUSAND FIVE HUNDRED NINETY-ONE AND .84/100 DOLLARS (\$367,591.84), and amended on 27th day of January, 2005, in the amount of TWO HUNDRED SIXTY-FOUR THOUSAND SEVEN HUNDRED SEVENTY AND NO/100 DOLLARS (\$264,770.00) for the revised contract amount of SIX HUNDRED THIRTY-TWO THOUSAND THREE HUNDRED SIXTY-ONE AND .84/100 DOLLARS (\$632,361.84), and amended on 10th day of January, 2008, in the amount of TWO HUNDRED TWENTY-NINE THOUSAND SIXTY-FIVE AND NO/100 DOLLARS (\$229,065.00) for the revised contract amount of EIGHT HUNDRED SIXTY-ONE THOUSAND FOUR HUNDRED TWENTY-SIX AND .84/100 DOLLARS (\$861,426.84), and amended on 8th day of April, 2010, in the amount of FIFTY-SEVEN THOUSAND FOUR HUNDRED SEVENTY-SIX AND NO/100 DOLLARS (\$57,476.00) for the revised contract amount of NINE HUNDRED EIGHTEEN THOUSAND NINE HUNDRED TWO AND .84/100 DOLLARS

President or President Pro Tem
of the City Council of the
City of Huntsville, Alabama
Date: February 11, 2016

(\$918,902.84), and amended on 9th day of September, 2010, in the amount of FORTY-EIGHT THOUSAND TWO HUNDRED AND NO/100 DOLLARS (\$48,200.00) for the revised contract amount of NINE HUNDRED SIXTY-SEVEN THOUSAND ONE HUNDRED TWO AND .84/100 DOLLARS (\$967,102.84), and amended on the 22nd day March, 2012, in the amount of TWENTY-EIGHT THOUSAND THREE HUNDRED TWENTY-FIVE AND NO/100 DOLLARS (\$28,325.00) for the revised contract amount of NINE HUNDRED NINETY-FIVE THOUSAND FOUR HUNDRED TWENTY-SEVEN AND .84/100 DOLLARS (\$995,427.84), and amended on 1st day of November, 2012, in the amount of TWENTY THOUSAND EIGHT HUNDRED FIFTY-THREE AND NO/100 DOLLARS (\$20,853.00) for the revised contract amount of ONE MILLION SIXTEEN THOUSAND TWO HUNDRED EIGHTY AND .84/100 DOLLARS (\$1,016,280.84), and amended on 28th day of March, 2013, in the amount of ONE HUNDRED FOURTEEN THOUSAND ONE HUNDRED THIRTY-FIVE AND NO/100 DOLLARS (\$114,135.00) for the revised contract amount of ONE MILLION ONE HUNDRED THIRTY THOUSAND FOUR HUNDRED FIFTEEN AND .84/100 DOLLARS (\$1,130,415.84), and amended on the 23rd day of July, 2015, in the amount of TWENTY-ONE THOUSAND SIX HUNDRED THIRTY AND NO/100 DOLLARS (\$21,630.00) for the revised contract amount of ONE MILLION ONE HUNDRED FIFTY-TWO THOUSAND FORTY-FIVE AND .84/100 DOLLARS (\$1,152,045.84), and amended on the 27th day of August, 2015, in the amount of SIX THOUSAND SEVEN HUNDRED FIFTY-EIGHT AND .45/100 DOLLARS (\$6,758.45) for the revised contract amount of ONE MILLION ONE HUNDRED FIFTY-EIGHT THOUSAND EIGHT HUNDRED FOUR AND .29/100 DOLLARS (\$1,158,804.29). The original Agreement is hereby amended by Modification No. 10 dated February 11, 2016, in the amount of FOURTEEN THOUSAND TWENTY-TWO AND .00/100 DOLLARS (\$14,022.00), for a revised contract amount of ONE MILLION ONE HUNDRED SEVENTY-TWO THOUSAND EIGHT HUNDRED TWENTY-SIX AND .29/100 DOLLARS (\$1,172,826.29), by and between the City of Huntsville, Alabama, a municipal corporation in the State of Alabama (Owner) and JOHNSON & ASSOCIATES CONSULTING ENGINEERS, L.L.C., (ENGINEER).

WITNESSETH

WHEREAS, the firm identified as the ENGINEER to the Agreement dated June 13, 2002, has proposed a change, identified as Attachment "A" to the Original Agreement. This modification delineates a change of the demolition of structures on the Sherman Concrete Plant and include limited surveying in order to revise sheets at Church Street.

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. Johnson & Associates Consulting Engineers, LLC. will provide additional appraisal and review as required by Alabama Department of Transportation at a lump sum amount of FOURTEEN THOUSAND TWENTY-TWO AND .00/100 DOLLARS (\$14,022.00).
2. Item #1 shall be performed in accordance with the original agreement dated June 13, 2002 and approved by the City Council by Resolution No. 02-462, and as described in the letter from Nathan Johnson to Kathy Martin, dated January 21, 2016, 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:

Kenneth Benion
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 Kenneth Benion, 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 _____ 2016.

Notary Public
My Commission Expires: _____

ENGINEER: JOHNSON & ASSOICATES
CONSULTING ENGINEERS, L.L.C.

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 Nathan Johnson, 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 _____ 2016.

Notary Public
My Commission Expires: _____



Ms. Kathy Martin, P.E.
City Engineer
City of Huntsville
320 Fountain Circle
Huntsville, AL 35801

January 21, 2016

RE: Supplemental #11
Project No. STPHV-4500(200)
Church Street Phase 1 Clearing and Grubbing
Plan Revisions to include Sherman Concrete Site

Ms. Martin:

Johnson and Associates (J&A) is pleased to submit this supplemental proposal to Huntsville City Engineering (City) for Plan Revisions for the referenced project. The proposal is provided on the attached ALDOT Estimate Template, and includes the following Scope of Work:

Revise the current Clearing and Grubbing plans to include demolition of structures on the Sherman Concrete Plant, as discussed previously with the City and ALDOT. The scope will include a limited location survey to identify and quantify items for removal; and revisions to the quantities sheet, construction cost estimate, and CBMPP.

We have estimated the engineering services fees to be a lump sum amount of **\$14,022** to provide the described Scope of Work. We look forward to working with you and your staff to complete this project in a timely manner. Please contact me if you have any questions.

Sincerely,
Johnson & Associates

Nathan G. Johnson, PE, PLS
Managing Member

Attachments: ALDOT Estimate Template for Project No. STPHV-4500(200), Clearing and Grubbing Plan Supplemental

1218 Church Street * Huntsville, Alabama 35801
(256) 533-7331 * Fax (256) 533-
7332

Project No. STPHV-4500(200) County Madison (City of Huntsville) Description Church St. Ph. 1 (Monroe St to Pratt Ave& Realign Pratt) Scope of Work Clearing and Grubbing Plan Supplemental Project Length 0.50 Miles				
Consultant Johnson & Associates Consulting Engineers				
FIELD SURVEY				
Based on a 3 Man Crew				
Task A: Mobilization and Basic Control Survey				
A-1 Mobilize/Demobilize	0.00	0.10	0.00	0.00
A-2 Contact Property Owners	0.00	0.00	0.00	0.00
A-3 Perform Basic Control Survey	0.00	0.20	0.00	0.00
A-4 Conduct On-site Inspection	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
Task A Totals	0.00	0.30	0.00	0.00
Task B: Project Alignment and Profile				
B-1 Run Closure of Basic Control Survey/Prepare Closure Diagram	0.00	0.00	0.00	0.00
B-2 Establish Centerline/Obtain Ground Profile	0.00	0.00	0.00	0.00
B-3 Obtain Topographic Data	0.25	0.50	0.80	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
	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
Task B Totals	0.25	0.50	0.80	0.00
Task C: Supplemental Control Surveys and Data Gathering				
C-1 Traverse Cross-Roads and Railroads	0.00	0.00	0.00	0.00
C-2 Stream Topography & Cross Sections/Complete HYD-100 & 101 Forms	0.00	0.00	0.00	0.00
C-3 Define Drainage Areas/Prepare Schematic Drainage Map	0.00	0.00	0.00	0.00
C-4 Obtain Cross-Sections at 20 Meter Intervals and Ground Break Points	0.00	0.00	0.00	0.00

FIELD SURVEY				
	PLS	Crew	Tech/CADD	Clerical
Task C Totals	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
Task D: Utility Surveys, Drainage Sections and Compilation of Data				
D-1 Identify/Locate Utilities	0.05	0.20	0.20	0.00
D-2 Obtain Hydrological Location Survey	0.00	0.00	0.00	0.00
D-3 Tie All Available Section Corners & All Available Front Corners of Affected Properties to Project Centerline	0.00	0.00	0.00	0.00
D-4 Obtain Copies of Latest Deeds	0.00	0.00	0.00	0.00
D-5 Set & Reference Pls, PCs, POTs, POCs, & other critical points	0.00	0.00	0.00	0.00
D-6 Reduce Survey Field Notes	0.00	0.00	0.00	0.00
D-7 Submit Work for Review/Sealed Mylar Plot of Accepted Field Map	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
Task D Totals	0.05	0.20	0.20	0.00
	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00
TOTALS	0.30	1.00	1.00	0.00

1/8/2016

Alabama Department of Transportation

3:50 PM

Project No. STPHV-4500(200)			
County Madison (City of Huntsville)			
Description Church St. Ph. 1 (Monroe St to Pratt Ave & Realign Pratt)			
Scope of Work Clearing and Grubbing Plan Supplemental			
Project Length 0.50 Miles			
Consultant Johnson & Associates Consulting Engineers			
Fee Proposal (Field Survey)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of PLS)	0.03	\$ 442.00	\$ 13.26
PLS	0.30	\$ 442.00	\$ 132.60
Survey Crew (see man-day sheet)	1.00	\$ 551.00	\$ 551.00
Engineering Technician/CADD	1.00	\$ 276.00	\$ 276.00
Clerical	0.00	\$ 154.00	\$ -
	Total Direct Labor		\$ 972.86
Combined Overhead (%)	159.67		\$ 1,553.37
Out-of-Pocket Expenses**			\$ 20.00
	Sub-Total		\$ 2,546.23
Operating Margin (15%)			\$ 381.93
	Sub-Total		\$ 2,928.16
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
			\$ -
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
	Sub-Total		\$ 2,928.16
Facilities Capital Cost of Money (% of Direct Labor)	1.71		\$ 16.64
	TOTAL FEE		\$ 2,944.80

1/8/2016

Alabama Department of Transportation

3:50 PM

Project No. STPHV-4500(200)

County Madison (City of Huntsville)

Description Church St. Ph. 1 (Monroe St to Pratt Ave& Realign Pratt)

Scope of Work Clearing and Grubbing Plan Supplemental

Project Length 0.50 Miles

Consultant Johnson & Associates Consulting Engineers

Out-of-pocket Expenses (Field Survey)

TRAVEL COST

Mileage Cost	Trips	Miles/Trip	\$/Mile	Total
	0	80	\$0.555	\$ -
	0	0	\$0.575	\$ -
	0	0	\$0.575	\$ -
	0	0	\$0.575	\$ -
Total Mileage Cost				\$ -

Subsistence Cost	Days	# People	\$/Day	Total
Travel allowance (6 hour trips)	0	0	\$11.25	\$ -
Travel allowance (12 hour trips - meal provided by others)	0	0	\$20.00	\$ -
Travel allowance (12 hour trips)	0	0	\$30.00	\$ -
Travel allowance (overnight)***	0	0	\$75.00	\$ -
				\$ -
Total Subsistence Cost				\$ -
Total Travel Cost				\$ -

PRINTING / REPRODUCTION COST

Type of printing/reproduction	# of Sets	Sheets/Set	Total Sheets	Cost/Sheet	Total
Working drawings, printouts, etc.	1	5	5	\$ 1.50	\$ 7.50
Preliminary Submittal for Review	1	5	5	\$ 1.50	\$ 7.50
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
Total Printing/Reproduction Cost					\$ 15.00

Communication Cost (telephone, fax, etc.)	Total
	\$ -

Postage Cost (overnight, stamps, etc.)	Total
	\$ -

Other (provide description on next line)	Total
Field books, stakes, control markers, bm's, paint, pk nails, etc	\$ 5.00

Total Out-of-pocket Expenses	\$ 20.00
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Comments:

***You must have ALDOT approval for ANY overnight trips of less than 100 miles.

Project Number STPHV-4500(200) CPMS # _____
 County Madison (City of Hunts)
 Description Church St. Ph. 1 (Monroe St to Pratt Ave & Realign Pratt)
 Scope of work Clearing and Grubbing Plan Supplemental
 Length 0.50 miles

Consultant Johnson & Associates Consulting Engineers

ROADWAY PLANS SHEET TITLE	NO OF SHEETS	ESTIMATED MAN-DAYS			
		ENGINEER		TECHNICIAN	
		SHEET	TOTAL	SHEET	TOTAL
TITLE SHEET	0.00	0.00	0.00	0.00	0.00
INDEX SHEET	1.00	0.10	0.10	0.10	0.10
GEOMETRIC LAYOUT/SURVEY CONTROL	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Project)	1.00	0.20	0.20	0.20	0.20
PROJECT NOTE SHEET (TCP)	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Signage)	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Signals)	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (ITS)	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Lighting)	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Traffic Loops)	0.00	0.00	0.00	0.00	0.00
PLANS LEGEND & ABBREVIATIONS	0.00	0.00	0.00	0.00	0.00
TYPICAL SECTIONS					
Main Roadway	0.00	0.00	0.00	0.00	0.00
Cross Roads	0.00	0.00	0.00	0.00	0.00
Detour & Misc.	0.00	0.00	0.00	0.00	0.00
Ramps	0.00	0.00	0.00	0.00	0.00
Ditches	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
SUMMARY SHEET					
Main Summary	1.00	0.25	0.25	0.50	0.50
SUMMARY BOX SHEETS					
Roadway Drainage (non-culvert)	0.20	0.50	0.10	0.50	0.10
Culvert Extension, New Culvert	0.00	0.00	0.00	0.00	0.00
Bridge Culvert Extension, New Bridge Culvert	0.00	0.00	0.00	0.00	0.00
Guardrail/End Anchors	0.00	0.00	0.00	0.00	0.00
Slope Paving (Under Bridges)	0.00	0.00	0.00	0.00	0.00
Side Drain Pipe	0.00	0.00	0.00	0.00	0.00
Signing	0.00	0.00	0.00	0.00	0.00
Base & Pavement	0.00	0.00	0.00	0.00	0.00
Bridge	0.00	0.00	0.00	0.00	0.00
Striping & Pavement Markings	0.00	0.00	0.00	0.00	0.00
Curb & Gutter	0.00	0.00	0.00	0.00	0.00
Bridge End Slabs	0.00	0.00	0.00	0.00	0.00
Roadway Lighting	0.00	0.00	0.00	0.00	0.00
Signals	0.00	0.00	0.00	0.00	0.00
ITS	0.00	0.00	0.00	0.00	0.00
Sidewalk	0.00	0.00	0.00	0.00	0.00
Slope Paving (Ditches)/Ditch Summary	0.20	0.50	0.10	0.50	0.10
Concrete Safety Barrier	0.00	0.00	0.00	0.00	0.00
Retaining Wall	0.00	0.00	0.00	0.00	0.00
Misc. Boxes	0.20	0.50	0.10	0.50	0.10
Erosion Control	0.20	0.50	0.10	0.50	0.10
Removal Items	0.50	0.50	0.25	1.00	0.50
Utility Relocation	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
PLAN & PROFILE					
Main Roadway	2.00	0.50	1.00	1.25	2.50
Crossroads	0.00	0.00	0.00	0.00	0.00
Detours	0.00	0.00	0.00	0.00	0.00
Retaining Walls	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00

ROADWAY PLANS SHEET TITLE	NO OF SHEETS	ESTIMATED MAN-DAYS			
		ENGINEER		TECHNICIAN	
		SHEET	TOTAL	SHEET	TOTAL
PAVING LAYOUT (includes striping)					
Main Roadway	0.00	0.00	0.00	0.00	0.00
Crossroads	0.00	0.00	0.00	0.00	0.00
Intersections	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
INTERCHANGES					
Geometrics	0.00	0.00	0.00	0.00	0.00
Ramps Profiles	0.00	0.00	0.00	0.00	0.00
Site Grading	0.00	0.00	0.00	0.00	0.00
Cross Sections	0.00	0.00	0.00	0.00	0.00
Signing	0.00	0.00	0.00	0.00	0.00
Ramp Gore Details	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
TRAFFIC CONTROL					
Sequence of Construction	0.00	0.00	0.00	0.00	0.00
Summary & Items	0.00	0.00	0.00	0.00	0.00
Typical Section Sketches	0.00	0.00	0.00	0.00	0.00
Layout Sheets (signs, devices, shifts, etc.)	0.00	0.00	0.00	0.00	0.00
Special Drawings	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
SIGNING					
Sign Layout	0.00	0.00	0.00	0.00	0.00
Sign X-Section	0.00	0.00	0.00	0.00	0.00
Sign Panel Details	0.00	0.00	0.00	0.00	0.00
Soils Data Sheets (provided by ALDOT)	0.00	0.00	0.00	0.00	0.00
<i>Only Modifications to exist. Signage included</i>	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
SIGNALIZATION					
Signal Layout and Traffic Analysis (1 per site)	0.00	0.00	0.00	0.00	0.00
Traffic Counts (1 per site)	0.00	0.00	0.00	0.00	0.00
Signal Warrant Analysis (1 per site)	0.00	0.00	0.00	0.00	0.00
Soils Data Sheets (provided by ALDOT)	0.00	0.00	0.00	0.00	0.00
<i>No New Signals included in Scope</i>	0.00	0.00	0.00	0.00	0.00
ITS					
Systems Engineering	0.00	0.00	0.00	0.00	0.00
Special Study	0.00	0.00	0.00	0.00	0.00
Legend	0.00	0.00	0.00	0.00	0.00
Special Details	0.00	0.00	0.00	0.00	0.00
ITS Layouts	0.00	0.00	0.00	0.00	0.00
Optical Fiber Splice Charts	0.00	0.00	0.00	0.00	0.00
Fiber - Cable Routing Diagram	0.00	0.00	0.00	0.00	0.00
Specifications	0.00	0.00	0.00	0.00	0.00
<i>No ITS Design included in Scope</i>	0.00	0.00	0.00	0.00	0.00
LIGHTING					
Plan Layout	0.00	0.00	0.00	0.00	0.00
Demo Plans	0.00	0.00	0.00	0.00	0.00
Special Details	0.00	0.00	0.00	0.00	0.00
Soils & Passive Pressure (provided by ALDOT)	0.00	0.00	0.00	0.00	0.00
<i>No Lighting Design included in Scope</i>	0.00	0.00	0.00	0.00	0.00

ROADWAY PLANS SHEET TITLE	NO OF SHEETS	ESTIMATED MAN-DAYS			
		ENGINEER		TECHNICIAN	
		SHEET	TOTAL	SHEET	TOTAL
UTILITY SHEETS					
Utility Locations (plan/profile)	0.00	0.00	0.00	0.00	0.00
Utility Relocation Design by Others	0.00	0.00	0.00	0.00	0.00
DRAINAGE SECTIONS					
Pipe & Culvert X-Sect./Hydraulic Computations	0.00	0.00	0.00	0.00	0.00
Hydraulic Data Sheet	0.00	0.00	0.00	0.00	0.00
Details	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
SOIL SHEETS					
Soil Boring Logs	0.00	0.00	0.00	0.00	0.00
Soil Profile	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
EROSION CONTROL					
Legend & Sequence	0.00	0.00	0.00	0.00	0.00
Phased Sheets (Phase I)	1.00	0.25	0.25	0.25	0.25
Phased Sheets (Phase II)	1.00	0.25	0.25	0.25	0.25
Phased Sheets (Phase III)	1.00	0.25	0.25	0.25	0.25
CBMPP & NOI	1.00	0.50	0.50	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
ROADWAY CROSS SECTIONS					
Main Roadway	0.00	0.00	0.00	0.00	0.00
Crossroads	0.00	0.00	0.00	0.00	0.00
Earthwork Balancing	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
REVIEW COMMENTS					
30% Review			0.00		0.00
Plan-in-Hand Inspection			0.00		0.00
PS&E Inspection			0.00		0.00
QC Review			0.00		0.00
Construction Review			0.25		0.25
Office Engineer Review			0.25		0.25
Cost Estimates					
Cost Estimates			0.80		0.50
Design Hearing			0.00		0.00
SUB-TOTAL	10.30		4.75		5.95
10% Supervision			0.48		
TOTALS					
	10.30		4.75		5.95

1/8/2016

Alabama Department of Transportation

3:51 PM

Project No. <u>STPHV-4500(200)</u>			
County <u>Madison (City of Huntsville)</u>			
Description <u>Church St. Ph. 1 (Monroe St to Pratt Ave& Realign Pratt)</u>			
Scope of Work <u>Clearing and Grubbing Plan Supplemental</u>			
Project Length <u>0.50 Miles</u>			
Consultant <u>Johnson & Associates Consulting Engineers</u>			
Fee Proposal (Roadway Plans)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of Eng.)	0.48	\$ 442.00	\$ 212.16
Engineer	4.75	\$ 341.00	\$ 1,619.75
Engineering Technician/CADD	5.95	\$ 276.00	\$ 1,642.20
Clerical	1.00	\$ 154.00	\$ 154.00
	Total Direct Labor		\$ 3,628.11
Combined Overhead (%)	159.67		\$ 5,793.00
Out-of-Pocket Expenses**			\$ 157.00
	Sub-Total		\$ 9,578.11
Operating Margin (15%)			\$ 1,436.72
	Sub-Total		\$ 11,014.83
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
			\$ -
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
	Sub-Total		\$ 11,014.83
Facilities Capital Cost of Money (% of Direct Labor)	1.71		\$ 62.04
	TOTAL FEE		\$ 11,076.87

**See Grand Total Fee sheet

Project No. STPHV-4500(200)
County Madison (City of Huntsville)
Description Church St. Ph. 1 (Monroe St to Pratt Ave & Realign Pratt)
Scope of Work Clearing and Grubbing Plan Supplemental
Project Length 0.50 Miles

Consultant Johnson & Associates Consulting Engineers

Out-of-pocket Expenses (Roadway Plans)

TRAVEL COST

Mileage Cost	Trips	Miles/Trip	\$/Mile	Total
	0	0	\$0.575	\$ -
	0	0	\$0.575	\$ -
	0	0	\$0.575	\$ -
	0	0	\$0.575	\$ -
Total Mileage Cost				\$ -

Subsistence Cost	Days	# People	\$/Day	Total
Travel allowance (6 hour trips)	0	0	\$11.25	\$ -
Travel allowance (12 hour trips - meal provided by others)	0	0	\$20.00	\$ -
Travel allowance (12 hour trips)	0	0	\$30.00	\$ -
Travel allowance (overnight)***	0	0	\$75.00	\$ -
				\$ -
Total Subsistence Cost				\$ -
Total Travel Cost				\$ -

PRINTING / REPRODUCTION COST					
Type of printing/reproduction	# of Sets	Sheets/Set	Total Sheets	Cost/Sheet	Total
Working drawings, internal reviews, etc.	2	16	32	\$ 1.50	\$ 48.00
Final QC & Constr. Review Sets	5	16	80	\$ 0.75	\$ 60.00
Final Office Engr. Review Set	1	16	16	\$ 1.50	\$ 24.00
Final Mylar Set	1	1	1	\$ 5.00	\$ 5.00
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
Total Printing/Reproduction Cost					\$ 137.00

Communication Cost (telephone, fax, etc.)	Total
	\$ 10.00

Postage Cost (overnight, stamps, etc.)	Total
	\$ 10.00

Other (provide description on next line)	Total
	\$ -

Total Out-of-pocket Expenses \$ 157.00

Comments:

***You must have ALDOT approval for ANY overnight trips of less than 100 miles.