



City of Franklin

109 3rd Ave S
Franklin, TN 37064
(615)791-3217

Meeting Agenda Capital Investment Committee

Thursday, May 24, 2018

4:00 PM

Board Room

Call To Order

1. [18-0551](#) Consideration of Approval of Minutes from April 26, 2018.
2. [18-0489](#) Consideration of DRAFT Supplement #2 to TDOT Utility Relocation Contract #7697 (COF Contract #2011-0052) For Mack Hatcher Parkway Northwest Sanitary Sewer Relocation Contract

Sponsors: Michelle Hatcher and Mark Hilty
Attachments: [7697 Supp#2 Unsigned](#)
3. [18-0490](#) Consideration of Supplement #2 to TDOT Utility Relocation Contract #7698 (COF Contract #2011-0051) For Mack Hatcher Parkway Northwest Water Line Relocation Contract

Sponsors: Michelle Hatcher and Mark Hilty
Attachments: [2011-0051 Supplement 2 Water 7698.Law Approved](#)
4. [18-0514](#) Consideration of Resolution 2018-43, A Resolution Authorizing Condemnation for the Acquisition of Property for the Bobby Drive Water Line Improvements Project

Sponsors: Michelle Hatcher and Patricia McNeese
Attachments: [2018-43 Condemnation Resolution](#)
[Exhibit A Bobby Drive Condemnation 400 scale](#)
5. [18-0419](#) Consideration of DRAFT Amendment No. 5 to TDOT Agreement 060118 (COF Contract No. 2011-0028) for the Hillsboro Road Improvements Project (TDOT PIN 108409.00)

Sponsors: Paul Holzen, Jonathan Marston and William Banks
Attachments: [PIN 108409.00 Hillsboro Road Amendment 5 Exhibit A](#)

6. [18-0546](#) Consideration of Change Order No. 2 to the Construction Contract (COF Contract No. 2015-0002) with Eutaw Construction Company, Inc. for the Hillsboro Road Improvements Project Phase 2, Independence Square to Mack Hatcher Parkway (TDOT PIN 108409.00)
- Sponsors:** Paul Holzen, Jonathan Marston and William Banks
- Attachments:** [COF2015-0002_Hillsboro_Rd_CO#2_Exhibit_A](#)
 [COF2015-0002_Hillsboro_Rd_CO#2_Exhibit_A](#)
7. [18-0482](#) Discussion Concerning Repairs to the Spencer Creek Road Stone Wall
- Sponsors:** Mark Hilty, Paul Holzen, Joe York and Amanda Rose
- Attachments:** [Estimate 1479 from G and G Lawncare LLC](#)
 [Cheekwood Exhibit](#)
8. [18-0516](#) Water and Sewer Projects Status Report
- Sponsors:** Michelle Hatcher and Patricia McNeese
9. [18-0557](#) Capital Projects Status Report
- Sponsors:** Engineering
- Attachments:** [Capital Projects Status Memo](#)

Other Business

Adjournment

ANYONE REQUESTING ACCOMMODATIONS DUE TO DISABILITIES SHOULD CONTACT A.D.A. COORDINATOR, AT 791-3277 AT LEAST 10 DAYS PRIOR TO THE MEETING, IF POSSIBLE.

Contract No. **7697****STP/HPP-397(10) / 94092-2226-14**

SUPPLEMENT TO UTILITY RELOCATION CONTRACT

THIS SUPPLEMENT **#2** to Contract No. **7697**, **Supplement 1** made and entered into by and between the **State of Tennessee** acting through its Department of Transportation, hereinafter called "TDOT", and **City of Franklin Water Management (Sewer)**, hereinafter called the "Utility".

WITNESSETH:

WHEREAS, TDOT and the Utility entered into Contract No. **7697**, dated the **1st day of September, 2016**, in which the parties agreed to certain matters concerning the relocation of utilities on PIN No. **101454.01, SR-397 (Mack Hatcher Parkway) From SR-96 West of Franklin to SR-109(US-431) North of Franklin**, located in **Williamson** County, Tennessee.; and

WHEREAS, it is desired by the parties that the hereinafter mentioned changes be made in said original contract;

NOW, THEREFORE, for a valuable consideration it is agreed by and between the parties as follows:

To change the paragraph,

WHEREAS, TDOT plans to construct PIN Number **101454.01, SR-397 (Mack Hatcher Parkway) From SR-96 West of Franklin to SR-109(US-431) North of Franklin**, located in **Williamson** County, Tennessee (hereinafter called the "Project"), and for said Project to be constructed it will be necessary for the Utility to relocate certain of its facilities, **100** percent of which are located on public highway right-of-way and **0** percent of which are located on private utility right-of-way; and

To the following,

WHEREAS, TDOT plans to construct PIN Number **101454.01, Mack Hatcher Parkway West, From south of SR-96 West of Franklin to East of SR-106 (U.S.-431) North of Franklin**, located in **Williamson** County, Tennessee (hereinafter called the "Project"), and for said Project to be constructed it will be necessary for the Utility to relocate certain of its facilities, **95** percent of which are located on public highway right-of-way and **5** percent of which are located on private utility right-of-way; and

To change the paragraph,

WHEREAS, the Utility has furnished TDOT with an estimate, plans, and specifications showing the cost and manner of relocating these facilities, which estimate is in the amount of **\$1,153,408.17**, including the amount of **\$22,628.17** for the cost of engineering; including the amount of **\$0.00** for the cost of inspection provided by the Utility; including the amount of **\$0.00** for the cost of betterment to the Utility's facilities (hereinafter called the "Betterment Cost"), and including the amount of **\$0.00** for deposit for the utility work in the State contract, and of which **36** percent represents the pro-rata share to which the Utility is entitled to reimbursement for relocation of utility facilities located on private utility right-of-way, and **64** percent represents the pro-rata share for relocation of utility facilities located on public highway right-of-way, reimbursement being for the cost of construction, engineering and

inspection, excluding betterment and the cost over the maximum TDOT reimbursement amount; and

To the following

WHEREAS, the Utility has furnished TDOT with an estimate and plans showing the cost and manner of relocating these facilities, which estimate is in the amount of **\$1,165,820.94**, including the amount of **\$65,610.94** for the cost of engineering, which may be inclusive of preliminary engineering authorized on **03/10/2010**; including the amount of **\$0.00** for the cost of inspection provided by the Utility; and including the amount of **\$0.00** for the cost of betterment to the Utility's facilities (hereinafter called the "Betterment Cost"), and including the amount of **\$0.00** for deposit for the utility work in the State contract, and of which **5** percent represents the pro-rata share to which the Utility is entitled to reimbursement for relocation of utility facilities located on private utility right-of-way, and **95** percent represents the pro-rata share for relocation of utility facilities located on public highway right-of-way, reimbursement being for the cost of construction, engineering and inspection, excluding betterment and the cost over the maximum TDOT reimbursement amount; and

It is understood that the above are the only changes made in said contract.

IN WITNESS WHEREOF, the parties have EXECUTED this agreement

UTILITY

**City of Franklin Water Management
(Sewer)**

BY: _____

TITLE: _____

DATE: _____

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BY: _____
John C. Schroer
Commissioner

DATE: _____

APPROVED AS TO FORM:

BY: _____
John H. Reinbold
General Counsel



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

HEADQUARTERS RIGHT OF WAY
SUITE 600, JAMES K. POLK BUILDING
NASHVILLE TENNESSEE 37243-1402
(615) 741-3196

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

SEPTEMBER 12, 2017

Paul Holzen
CITY OF FRANKLIN
109 3rd Avenue South
Franklin TN 37064

PROJECT#: 94092-2226-14 COUNTY(s): Williamson
FEDERAL: STP/HPP-397(10) PIN #: 101454.01
DESCRIPTION: Mack Hatcher Parkway West, From South of SR-96 West of Franklin to East of SR-106 (US-431) North of Franklin
TYPE: CH86 Move In
CONTRACT #: 7698 Supplement 2 Chapter 86 Eligible: NO

Please refer to the above captioned project number on all correspondence concerning utility relocation.

Dear Paul Holzen,

Enclosed are two (2) originals of the supplement contract between the State and your utility prepared to cover the adjustment of facilities belonging to your company on the above referenced project.

The Contracts must have ALL boxes checked and blank lines completed.

The Contract must be signed by either

1) an officer of the company (President, Vice-President, or General Manager)

OR

2) an individual that is specifically authorized by the board of directors to execute agreements and bind the company to those agreements. The individual must provide a letter of empowerment, signed by an officer of the company.

This project is currently scheduled for letting: 02/09/2018

After copies of the contract have been executed on behalf of the utility, please return two (2) ORIGINALS to me for further handling. A signed original will be sent to you with the authorization to begin work once the contract is executed by TDOT.

Sincerely,

Monica Cromer | Asst. State Utility Coordinator
Right of Way Division
James K. Polk Bldg, 6th Floor
505 Deaderick Street, Nashville, TN 37243
p. 615-741-3331

Enclosure
cc:



Contract No. 7698

STP/HPP-397(10) / 94092-2226-14

SUPPLEMENT TO UTILITY RELOCATION CONTRACT

THIS SUPPLEMENT **#2** to Contract No. **7698**, **Supplement 1** made and entered into by and between the **State of Tennessee** acting through its Department of Transportation, hereinafter called "TDOT", and **City of Franklin Water Management (Water)**, hereinafter called the "Utility".

WITNESSETH:

WHEREAS, TDOT and the Utility entered into Contract No. **7698**, dated the **1st day of September, 2016**, in which the parties agreed to certain matters concerning the relocation of utilities on PIN No. **101454.01, SR-397 (Mack Hatcher Parkway) From SR-96 West of Franklin to SR-109(US-431) North of Franklin**, located in **Williamson** County, Tennessee.; and

WHEREAS, it is desired by the parties that the hereinafter mentioned changes be made in said original contract;

NOW, THEREFORE, for a valuable consideration it is agreed by and between the parties as follows:

To change the paragraph,

WHEREAS, TDOT plans to construct PIN Number **101454.01, SR-397 (Mack Hatcher Parkway) From SR-96 West of Franklin to SR-109(US-431) North of Franklin**, located in **Williamson County**, Tennessee (hereinafter called the "Project"), and for said Project to be constructed it will be necessary for the Utility to relocate certain of its facilities, **19** percent of which are located on public highway right-of-way and **81** percent of which are located on private utility right-of-way; and

To the following,

WHEREAS, TDOT plans to construct PIN Number **101454.01, Mack Hatcher Parkway West, From south of SR-96 West of Franklin to East of SR-106 (U.S.-431) North of Franklin**, located in **Williamson County**, Tennessee (hereinafter called the "Project"), and for said Project to be constructed it will be necessary for the Utility to relocate certain of its facilities, **82** percent of which are located on public highway right-of-way and **18** percent of which are located on private utility right-of-way; and

To change the paragraph,

WHEREAS, the Utility has furnished TDOT with an estimate, plans, and specifications showing the cost and manner of relocating these facilities, which estimate is in the amount of **\$923,423.81**, including the amount of **\$9,423.81** for the cost of engineering; including the amount of **\$0.00** for the cost of inspection provided by the Utility; including the amount of **\$0.00** for the cost of betterment to the Utility's facilities (hereinafter called the "Betterment Cost"), and including the amount of **\$0.00** for deposit for the utility work in the State contract, and of which **81** percent represents the pro-rata share to which the Utility is entitled to reimbursement for relocation of utility facilities located on private utility right-of-way, and **19** percent represents the pro-rata share for relocation of utility facilities located on public

highway right-of-way, reimbursement being for the cost of construction, engineering and inspection, excluding betterment and the cost over the maximum TDOT reimbursement amount; and

To the following

WHEREAS, the Utility has furnished TDOT with an estimate and plans showing the cost and manner of relocating these facilities, which estimate is in the amount of **\$882,846.52**, including the amount of **\$56,478.52** for the cost of engineering, which may be inclusive of preliminary engineering authorized on **03/10/2010**; including the amount of **\$0.00** for the cost of inspection provided by the Utility; and including the amount of **\$0.00** for the cost of betterment to the Utility's facilities (hereinafter called the "Betterment Cost"), and including the amount of **\$0.00** for deposit for the utility work in the State contract, and of which **18** percent represents the pro-rata share to which the Utility is entitled to reimbursement for relocation of utility facilities located on private utility right-of-way, and **82** percent represents the pro-rata share for relocation of utility facilities located on public highway right-of-way, reimbursement being for the cost of construction, engineering and inspection, excluding betterment and the cost over the maximum TDOT reimbursement amount; and

It is understood that the above are the only changes made in said contract.

IN WITNESS WHEREOF, the parties have EXECUTED this agreement

UTILITY

**City of Franklin Water Management
(Water)**

BY: _____

Dr. Ken Moore

TITLE: Mayor

DATE: _____

Approved as to Form:

Tiffani M. Pope, Staff Attorney

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BY: _____

John C. Schroer
Commissioner

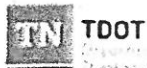
DATE: _____

APPROVED AS TO FORM:

BY: _____

John H. Reinbold
General Counsel

Exhibit A



Project No: 94092-2226-14 (Water)
County: Williamson
Date: September 11, 2017

"Submission and completion of this form is required for consideration of reimbursement on this project."

Primary Contact: Paul Holzen
E-mail: paul.holzen@franklin.tn.gov Phone: (615) 550-6679
Secondary Contact: Patricia McNeese
E-mail: patricia.mcneese@franklin.tn.gov Phone: (615) 550-6674
Utility Name: City of Franklin, TN
Address: 109 3rd Avenue South
City, State: Franklin, TN Zip: 37064

Percent On Private: 18% Private ROW - #Poles / Length of facility: 562
Percent On Public: 82% Public ROW - #Poles / Length of facility: 2550
Total Percentage: 100% Total #Poles / Length of facility: 3112

Is Utility Chapter 86 Certified (Obtained from Certification Sheet)? ☒ Y

(If project does not qualify for Chapter 86 Reimbursement, then "Percent on Private" will be used to calculate total amount due to Utility)

NO COST / NO REIMBURSEMENT (STOP HERE, REMAINDER OF FORM IS NOT REQUIRED) ☐

CHAPTER 86

REIMBURSEMENT

MOVE PRIOR ☐

REQUESTED

MOVE IN State Contract ☒ X

(Please check ONE)

Other ☐

NON-CHAPTER 86

% Private / Public Relocation ☐

% Private / Public MOVE IN State Contract ☐

Utility Replacement Easement Reimbursement ☐

ENGINEERING

Description	Amount
Pre-Construction	\$ 47,670.89
Construction	\$ 8,375.23
Construction Inspection Private	\$
Construction Inspection Public	\$
Reimbursable Expenses	\$ 432.40
ENGINEERING COST:	\$ 56,478.52

CONSTRUCTION (LABOR & MATERIAL)

Description	Amount
Installation Labor	\$ 826,368.00
Installation Materials	\$
Removal Labor	\$
Site Costs	\$
Material Provided to State	\$
Salvage Materials	\$
Non-Usable Materials	\$

ESTIMATED CONSTRUCTION COST: \$ 826,368.00

BETTERMENT

Description	Amount
Installation Labor	\$
Installation Materials	\$

ESTIMATED UTILITY BETTERMENT COST: \$

ESTIMATED REPLACEMENT EASEMENT COST: \$

If cost is listed above, separate Easement Contract is needed

ESTIMATED TOTAL CONSTRUCTION COST: \$ 882,846.52

TDOT USE ONLY

RG Approval and Date:

9/11/17

Consult Appr. Date: 1/1

Amount Approved: \$

HQ Approval and Date:

9/12/17

CH86 CON PIN: 11454-01

LET: 2191 2018 Contract #: 4698

Easement Contract #

UTILITY REIMBURSEMENT

CHAPTER 86 MOVE-IN CONTRACT: \$ 56,478.52

CHAPTER 86 MOVE PRIOR: \$

NON-CHAPTER 86 MOVE-IN CONTRACT: \$

NON-CHAPTER 86 % PUBLIC/PRIVATE: \$

Does Estimate Exceed \$1.75M Cap? - N

Does Estimate Require 75% Cap? - N

UTILITY DEPOSIT (IF APPLICABLE)

RELOCATION EXCEEDS \$1.75M CAP: \$0.00

AMOUNT OVER 75% REIMBURSEMENT: \$0.00

ESTIMATED UTILITY BETTERMENT COST: \$0.00

NON-CHAPTER 86 MOVE-IN CONST COST: \$0.00

TOTAL UTILITY DEPOSIT: \$0.00

The Utility will reference the page number where designated on the form when other Detail Cost Estimate sheets are attached.

"Exhibit A"



Declaration of Scheduled Calendar Days

Project Number: 94092-2226-14 Date: April 10, 2015
Description: SR-397(Mack Hatcher Parkway) from SR-96 West of Franklin to SR-109 (US 431)
County: Williamson

Utility Name: City of Franklin
Address: 109 3rd Avenue S.
City, State: Franklin, TN Zip Code: 37065

Phone Number: _____ Fax Number: _____

Type of Facilities: ☒ Water ☐ Sewer ☐ Gas ☐ Telephone ☐ Electric
☐ CATV ☐ Fiberoptic ☐ Other

Required Period services cannot be interrupted: _____

All estimated days should be expressed in "Calendar" days to complete installation, relocation or adjustment of the utility facilities on the above referenced project. The utility can as an option submit an "On or Before" date all work will be completed. In accordance with provisions set forth in TCA 54-5-854.

Task	Days to Complete	Special Conditions
Stock Pile Material (Including ordering material)	45	see Note 1
Mobilize Work Force (including Bidding process if Required)	45	see Note 2
Complete Relocation	225	see Notes 3 & 4
Total Days To Complete	315 ✓ A.S.	

Special Conditions:

Note 1: All materials shall be submitted to City Staff for approval prior to release of material order by the contractor

Note 2: Assumes project is included and bid with State Contract

Note 3: Schedule to be dictated by main contractor

Note 4: Water tie-ins to occur at night or off peak times with 72 hour advance notice to City

Patricia Rector 4/10/15
Signature of submitting Date
Utility Representative

Chris John 5/2/16
Signature of submitting Date
State Representative
WJC 5/19/16

Subject to provisions of the TDOT Utility Office Maintenance of Traffic Procedures.



TDOT

Department of
Transportation

Chapter 86 Certification

In accordance with Tennessee Department of Transportation policy number 340-07, the following information is provided with regards to required compliance documentation for utility relocation reimbursement in accordance with TCA 54-5-804 and TCA 54-5-854.

PROJECT #/S: 94092-2226-14 (Water) COUNTY/S: Williamson
FEDERAL: STP/HPP-397(10) PIN: _____

1. The utility is seeking reimbursement under provisions of TCA 54-5-804 as amended by Public Acts 2003, Chapter number 86.
2. To the best of my knowledge the utility is in compliance with TCA § 54-5-804(a)(1) and this policy in that the utility has returned its relocation plan, schedule, and cost estimate to the Department within 120 days after receipt of the Department's project plans, or within such additional time as may be allowed in accordance with TCA § 54-5-854(b).
3. To the best of my knowledge the utility is in compliance with TCA 54-5-804(b) in that the utility has a valid permit to locate its utility facility on the public highway right-of-way.
4. The utility is eligible for reimbursement in accordance with the Limitation provisions of the TDOT Policy 340-07 in that it is:
Municipally Owned ☒ Utility District ☐ Utility Cooperative ☐
5. The utility is considered to be a specific utility category listed in accordance with the Limitation provisions of the TDOT Policy 340-07:

- ☒ Water
☐ Waste Water
☐ Gas ☐ Distribution ☐ Transmission
☐ Electric ☐ Distribution ☐ Transmission
☐ Communication ☐ CATV ☐ Phone ☐ Fiberoptic ☐ Broadband
☐ Street Lighting
☐ Other _____

Signature indicates this individual has the legal authority to sign contracts and agreements to obligate the utility.

Signature: _____
Print Name: _____
Title: _____
Utility Name: _____
Utility Address: _____
City, State, Zip: _____
Phone Number: _____
Fax Number: _____
Email Address: _____

Date: _____

ESTIMATE OF ENGINEERING COST

TDOT Project Number(s): STP/HPP-397(10) 94092-2226-14 (Wz

County(les): Williamson

Utility Name & Address:

Consultant Name & Address:

City of Franklin, TN

Smith Seckman Reid, Inc.

109 3rd Avenue South

2995 Sidco Drive

Franklin, TN

37064

Nashville, TN

37204

CONSULTANT ENGINEERING ESTIMATE

Place an "X" in the appropriate box:

x Standard Contract

☐ Continuing Contract (attach copy of Contract for TDOT verification)

ENGINEERING SERVICES				PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Rate/Hr	Hours	Total	Hours	Total	Hours	Total	Hours	Total
Principal	\$ 66.00	5	\$ 330.00		\$ -		\$ -		\$ -
Project Manager	\$ 53.00	125	\$ 6,625.00	30	\$ 1,590.00		\$ -		\$ -
Design Engineer	\$ 40.00	45	\$ 1,800.00	5	\$ 200.00		\$ -		\$ -
Designer / Senior Designer	\$ 43.00	155	\$ 6,655.00	20	\$ 860.00		\$ -		\$ -
Technician / Draftsperson	\$ -		\$ -		\$ -		\$ -		\$ -
Administrative	\$ 25.00	15	\$ 375.00	5	\$ 125.00		\$ -		\$ -
Field Inspector	\$ -		\$ -		\$ -		\$ -		\$ -
Licensed Surveyor	\$ 41.00		\$ -		\$ -		\$ -		\$ -
Rod Person	\$ 30.00		\$ -		\$ -		\$ -		\$ -
	\$ -		\$ -		\$ -		\$ -		\$ -
Total Engineering Services		345	\$ 15,795.00	60	\$ 2,775.00	0	\$ -		\$ -
REIMBURSABLE EXPENSES				REIMBURSABLE EXPENSES		REIMBURSABLE EXPENSES		REIMBURSABLE EXPENSES	
	Cost/Unit	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
Transportation / Mile:	\$ 0.47 X	420	\$ 197.40	500	\$ 235.00		\$ -		\$ -
Meals / Day:	X		\$ -		\$ -		\$ -		\$ -
Lodging / Day:	X		\$ -		\$ -		\$ -		\$ -
Printing / Shipping:									
Other (Specify):									
Other (Specify):									
Total Reimbursable Expenses			\$ 197.40		\$ 235.00		\$ -		\$ -
INDIRECT/OVERHEAD EXPENSES				INDIRECT/OVERHEAD EXPENSES		INDIRECT/OVERHEAD EXPENSES		INDIRECT/OVERHEAD EXPENSES	
Indirect/Overhead Rate (not to exceed 145%):		171.26%	\$ 27,060.52	171.26%	\$ 4,762.47		\$ -		\$ -
PERMIT/TESTING/ALLOWANCE RATE				PERMIT/TESTING/ALLOWANCE RATE		PERMIT/TESTING/ALLOWANCE RATE		PERMIT/TESTING/ALLOWANCE RATE	
Allowable Rate (Maximum of 13%):		13.00%	\$ 4,626.37	13.00%	\$ 847.76		\$ -		\$ -
(Expenses for Sections III and IV only apply to Consultant Engineering Services without a Continuing Contract agreement with the Utility)									
TOTAL ENGINEERING / SURVEY COST:				INSPECTION (Included)		INSPECTION (Included)		INSPECTION (Included)	
Standard Consultant: (I+II+III+IV) =			\$ 66,478.52	Private:	\$ -	Private:	\$ -	Private:	\$ -
Continuing Contract: (I+II) =			\$ -	Public:	\$ -	Public:	\$ -	Public:	\$ -
TOTAL COST (Engineering and Inspection)									
				Standard Consultant:		\$ 66,478.52			
				Continuing Contract:		\$ -			

WINDUPEENGINEERINGESTIMATE

I. ENGINEERING SERVICES				PRE-CONSTRUCTION				CONSTRUCTION				CONSTRUCTION INSPECTION			
Classification	Rate/Hr	Hours	Total	Hours	Total	Hours	Total	Hours	Total						
Project Manager			\$		\$		\$		\$						
Engineer			\$		\$		\$		\$						
Draftperson			\$		\$		\$		\$						
Administrative			\$		\$		\$		\$						
Field Inspector			\$		\$		\$		\$						
Licensed Surveyor			\$		\$		\$		\$						
Rod Person			\$		\$		\$		\$						
	\$		\$		\$		\$		\$						
Total Engineering Services		0	\$	0	\$	0	\$	0	\$						
II. REIMBURSABLE EXPENSES															
	Cost/Unit	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total						
Transportation / Mile:	X	=	\$		\$		\$		\$						
Meals / Day:	X	=	\$		\$		\$		\$						
Lodging / Day:	1 X	=	\$		\$		\$		\$						
Printing / Shipping:															
Other (Specify):															
Other (Specify):															
Total Reimbursable Expenses			\$		\$		\$		\$						
III. INDIRECT/OVERHEAD EXPENSES															
Indirect/Overhead Rate (not to exceed 146%):			\$		\$		\$		\$						
TOTAL ENGINEERING COST:															
			\$		\$		\$		\$						
TOTAL INSPECTION COST:															
			\$		\$		\$		\$						

EQUIPMENT COST INCLUDED WITH INSTALLATION COST ☒[illegible]Revision 10-25-2013

RESOLUTION 2018-43

**A RESOLUTION AUTHORIZING CONDEMNATION FOR THE
ACQUISITION OF PROPERTY FOR THE BOBBY DRIVE WATER
LINE IMPROVEMENTS PROJECT**

WHEREAS, the City of Franklin (City) has determined that certain improvements are necessary for the Bobby Drive Water Line Improvements Project; and

WHEREAS, these improvements are generally described as the construction of approximately 5,650 feet of a 6-inch water line that ties into the 36-inch transmission water line on Hillsboro Road and the existing mains at Overlook Drive, Jefferson Davis Drive and Bradley Drive; the installation of approximately 12 fire hydrants and replacement of approximately 31 water meters as well as all appurtenances needed for the construction; and

WHEREAS, it will be necessary for the City to obtain easements from landowners for the construction of the Project; and

WHEREAS, the Franklin Board of Mayor and Aldermen expressly finds that the City has the power of eminent domain to extend public roads, see T.C.A. §29-17-301 *et seq.*, and to acquire Rights-of-Way and Easements necessary for proper completion of the said Project, and that the acquisition of such Rights-of-Way and/or Easements is for a public purpose and for a public use, and that the acquisition of the private property hereinafter described is necessary to accomplish said public use.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE, that the City Engineer and /or City Attorney, are authorized to obtain the necessary rights-of-way, permanent easements and/or temporary easements across the properties listed in Exhibit A hereto and may enter into agreements with property owners with respect to the compensation to be paid for the said rights-of-way and easements, so long as such amounts are reasonable, within the project budget and supported by a qualified appraisal.

The City Engineer and City Attorney are authorized to continue negotiating with any landowner for the acquisition of the rights-of-way and/or easements without resort to condemnation. However, if an impasse is reached with a property owner and condemnation is the only alternative, then the City Attorney, or his/her designee, is authorized to commence necessary condemnation proceedings. After condemnation proceedings have commenced, the City Engineer and /or City Attorney, are authorized to enter into settlement agreements with property owners with respect to the compensation to be paid for the said rights-of-way and easements, so long as such amounts are reasonable, within the project budget and supported by a qualified appraisal.

IT IS SO RESOLVED AND DONE on this the ____ day of _____, 2018.

ATTEST:

CITY OF FRANKLIN, TENNESSEE

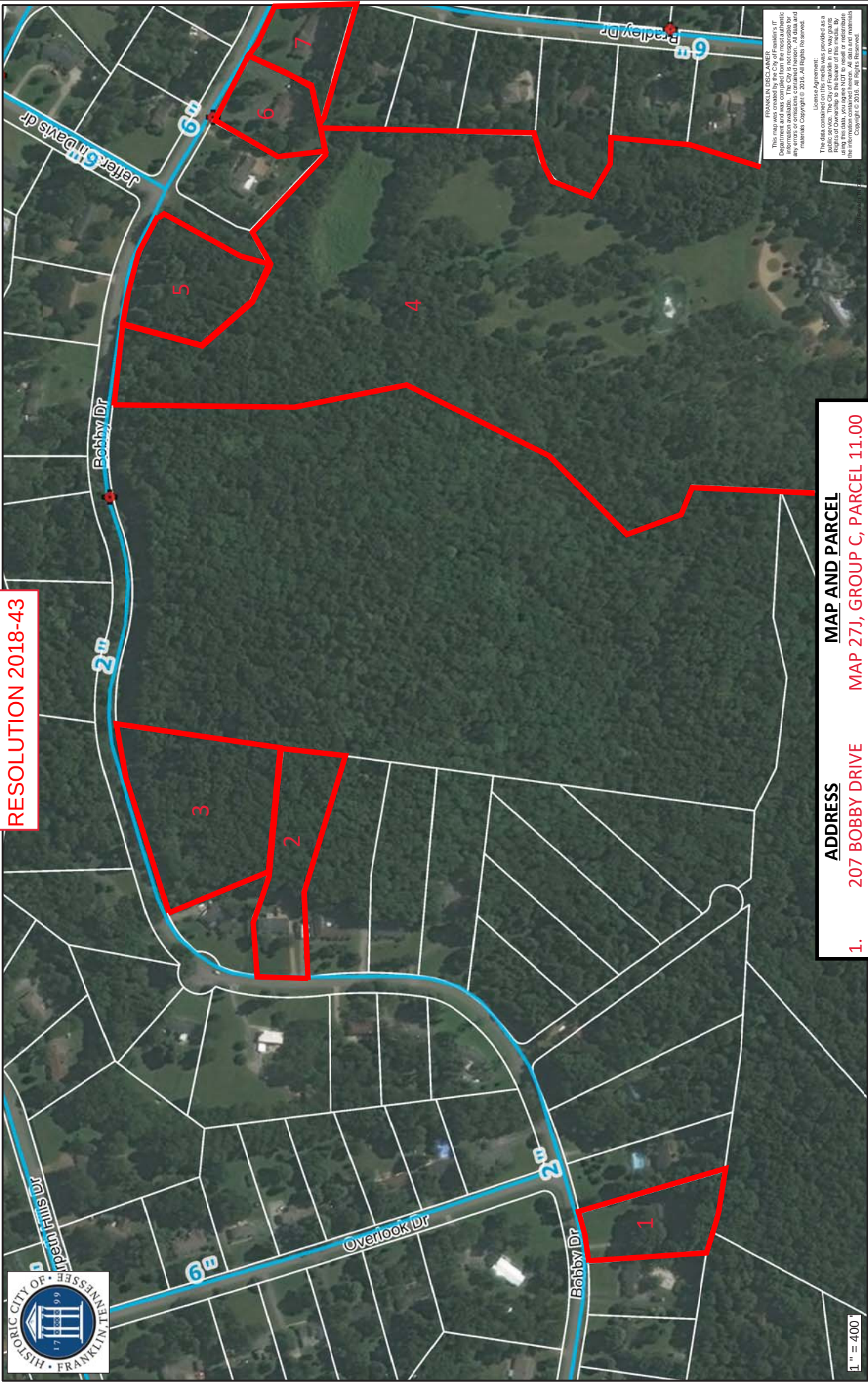
By: _____
ERIC S. STUCKEY
City Administrator/Recorder

By: _____
DR. KEN MOORE
Mayor

Approved As To Form By:

Shauna R. Billingsley
City Attorney

EXHIBIT A
RESOLUTION 2018-43



MAP AND PARCEL	
1.	207 BOBBY DRIVE
2.	309 BOBBY DRIVE
3.	317 BOBBY DRIVE
4.	1128 BRADLEY DRIVE
5.	413 BOBBY DRIVE
6.	503 BOBBY DRIVE
7.	505 BOBBY DRIVE

- Fire Hydrants
- Water Main
- Abandoned Water Main



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROGRAM DEVELOPMENT & ADMINISTRATION DIVISION
LOCAL PROGRAMS DEVELOPMENT OFFICE**
SUITE 600, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TN 37243-1402
(615) 741-5314

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

April 20, 2018

The Honorable Ken Moore
Mayor, City of Franklin
109 Third Ave South
Franklin, TN 37064

Re: (Hillsboro Road) Intersection at Claude Yates Drive, LM 15.99 in Franklin
Franklin, Williamson County
PIN: 108409.00
Federal Project Number: STP-EN-106(22)
State Project Number: 94LPLM-F3-026
Agreement Number: 060118

Dear Mayor Moore:

I am attaching an amendment to the original contract. The amendment extends the completion date of the contract. Please review the amendment and advise me if it requires further explanation. If you find the amendment satisfactory, please execute it in accordance with all rules, regulations and laws, obtain the signature of the attorney for your agency, and return it to me. Once the amendment is fully executed, we will send a copy to you for your records.

If you have any questions or need any additional information, please contact Taylor Lee at 615-532-3166 or Taylor.M.Lee@tn.gov.

Sincerely,

A handwritten signature in cursive script that reads "Whitty BBA".

Whitney Britt
Transportation Manager

Attachment

Ecc: Paul Degges
John Kahle
Matt Burcham
Whitney Britt
Kimery Grant
David Layhew
Shane Hester
Mike Brown
William Banks
Anna Emerson
E-file

Amendment Number: 5

Agreement Number: 060118

Project Identification Number: 108409.00

Federal Project Number: STP-EN-106(22)

State Project Number: 94LPLM-F3-026

THIS AGREEMENT AMENDMENT is made and entered into this _____ day of _____, 20____ by and between the STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION, an agency of the State of Tennessee (hereinafter called the "Department") and the CITY OF FRANKLIN (hereinafter called the "Agency"), for the purpose of providing an understanding among the parties of their respective obligations related to the management of the project described as:

“(Hillsboro Road) Intersection at Claude Yates Drive, LM 15.99 in Franklin”

1. The language of Agreement # 060118 dated January 16, 2018, Section B.2 a) Completion Date is amended to change the first sentence of Section B.2 a) from:

The Agency agrees to complete the herein assigned phases of the Project on or before **March 31, 2018**.

to

The Agency agrees to complete the herein assigned phases of the Project on or before **August 31, 2018**.

All provisions of the original contract not expressly amended hereby shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this instrument to be executed by their respective authorized officials on the date first above written.

CITY OF FRANKLIN

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

By: _____ By: _____
Ken Moore **Date** **John C. Schroer** **Date**
Mayor **Commissioner**

**APPROVED AS TO
FORM AND LEGALITY**

**APPROVED AS TO
FORM AND LEGALITY**

By: _____ By: _____
Shauna Billingsley **Date** **John Reinbold** **Date**
Attorney **General Counsel**

Request for Construction Change
Change Order No. 2

City of Franklin
Engineering Office
109 Third Avenue South
Franklin, TN 37064

Contract No.	<u>2015-0002</u>
Project	<u>TDOT PIN 108409.00</u>
	<u>STP-EN-106(22)</u>
	<u>94014—3230-04</u>

Whereas, we Eutaw Construction Company, Inc. entered into a contract with the CITY OF FRANKLIN, on March 8, 2016, for the construction by said Contractor of the above designated contract; and Whereas, certain items of construction encountered are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the City at the prices scheduled therefore below:

Reason for Change Order:

1. Add item number 795-50.10, Additional Work (install DDCV (double detector check valve) with FDC assembly (fire department connection) and vault), Lump Sum to the contract documents. The new plans specified fire service line to Franklin High School did not include this check valve, which is required by the City of Franklin Fire Department.
2. Add item no. 730-12.20, Decorative Traffic Signal Bases, EA., to the contract documents. This item is required for the traffic signal poles and school flasher poles to meet the City of Franklin Street Department standards for new construction in the historic downtown district.
3. Alternate price to provide ADS HP Drainage Pipe and Nyloplast Structures in lieu of RCP and Type 42 Structures.
4. Add pay item 104-04.30 Additional Work (Residence Electrical Service Connection Assessments), Lump Sum, to the contract documents. This item will provide payment for material, equipment and labor needed to prepare inspections/assessments at 39 existing residences to determine what modifications are required at each home to switch the service connections from existing aerial to the new underground power distribution. This assessment will determine a lump sum cost for each individual home to convert the connection, including removal of existing aerial weatherheads and associated soffit and roof repairs and other electrical equipment needed.
5. Add Additional Work (Electric Home Repairs), EA., to the contract documents. The price change includes both electrical work inside and outside the home. Additional general contracting work for cosmetic repairs to the homeowner's house will be accessed and priced separately as the electrical work progresses.
6. Replace Billing Item 730-23.30 Pedestal Pole (Standard) with Billing Item 730-23.30 Pedestal Pole (Decorative); these decorative PED poles are custom made just as the decorative signal poles.
7. Add Additional Work items to the contract documents to provide payment for additional work requested by the City of Franklin and to provide payment for home repairs required due to the changed electrical service connection from aerial overhead to underground.
8. Add additional pavement quantities for milling and scratch mix to prepare roadway surface for final paving.
9. Balance all line item quantities based off current estimate #23.

Attachments (List documents supporting change):

TDOT Local Programs Change Order documents: TDOT Change Order #12, dated 3/21/2017, TDOT Change Order #13, dated 3/21/2017, TDOT Change Order #14, dated 3/21/2017, TDOT Change Order #15, dated 5/03/2017, TDOT Change Order #16, dated 8/09/2017, TDOT Change Order #17, dated 8/16/2017, and TDOT Change Order #18, dated 5/08/2018.

TDOT Change Order	Item No.	Description of Work	Unit	Current Quantities	Unit Price	Current Amount
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14	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	LF	-65	\$58.00	-\$3,770.00
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15	104-04.30	ADDITIONAL WORK (RES Assessments)	LS	1	\$13,429.97	\$13,429.97
16	730-05.04	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 1)	EA	-5	\$2,390.00	-\$11,950.00
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16	730-05.11	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 8)	EA	-3	\$3,340.00	-\$10,020.00
16	730-05.12	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 9)	EA	-1	\$2,830.00	-\$2,830.00
16	730-05.13	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 10)	EA	-1	\$2,390.00	-\$2,390.00
16	730-05.14	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 11)	EA	-1	\$7,500.00	-\$7,500.00

16	730-05.15	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 12)	EA	-1	\$3,510.00	-\$3,510.00
16	730-05.16	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 13)	EA	-1	\$3,100.00	-\$3,100.00
16	730-05.17	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 14)	EA	-1	\$2,360.00	-\$2,360.00
16	730-05.18	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 15)	EA	-1	\$1,950.00	-\$1,950.00
16	730-05.19	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 16)	EA	-1	\$2,470.00	-\$2,470.00
16	730-05.20	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 17)	EA	-1	\$2,400.00	-\$2,400.00
16	730-05.21	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 18)	EA	-1	\$3,620.00	-\$3,620.00
16	730-05.22	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 19)	EA	-1	\$3,860.00	-\$3,860.00
16	730-05.23	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 20)	EA	-1	\$4,160.00	-\$4,160.00
16	730-05.24	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 21)	EA	-1	\$2,680.00	-\$2,680.00
16	730-05.25	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 22)	EA	-1	\$7,730.00	-\$7,730.00
16	104-04.30	Additional Work (606 Hillsboro Road Electrical)	EA	1.01	\$8,744.70	\$8,832.15
16	104-04.31	Additional Work (612 Hillsboro Road Electrical)	EA	1.01	\$7,288.19	\$7,361.07
16	104-04.32	Additional Work (614 Hillsboro Road Electrical)	EA	1.01	\$7,288.09	\$7,360.97
16	104-04.33	Additional Work (618 Hillsboro Road Electrical)	EA	1.01	\$7,316.19	\$7,389.35
16	104-04.34	Additional Work (700 Hillsboro Road Electrical)	EA	0.744	\$21,000.00	\$15,624.00
16	104-04.35	Additional Work (702 Hillsboro Road Electrical)	EA	1.01	\$8,744.70	\$8,832.15
16	104-04.36	Additional Work (704 Hillsboro Road Electrical)	EA	1.473	\$10,500.00	\$15,466.50
16	104-04.37	Additional Work (705 Hillsboro Road Electrical)	EA	1.01	\$11,252.04	\$11,364.56
16	104-04.38	Additional Work (706 Hillsboro Road Electrical)	EA	1.01	\$7,288.19	\$7,361.07
16	104-04.39	Additional Work (708 Hillsboro Road Electrical)	EA	1.01	\$7,288.19	\$7,361.07

16	104-04.40	Additional Work (710 Hillsboro Road Electrical)	EA	1.01	\$7,312.75	\$7,385.88
16	104-04.41	Additional Work (715 Hillsboro Road Electrical)	EA	1	\$20,533.47	\$20,533.47
16	104-04.42	Additional Work (801 Hillsboro Road Electrical)	EA	1	\$9,009.62	\$9,009.62
16	104-04.43	Additional Work (803 Hillsboro Road Electrical)	EA	1.389	\$10,500.00	\$14,584.50
16	104-04.44	Additional Work (805 Hillsboro Road Electrical)	EA	1	\$17,175.41	\$17,175.41
16	104-04.45	Additional Work (809 Hillsboro Road Electrical)	EA	0.816702	\$10,500.00	\$8,575.37
16	104-04.46	Additional Work (810 Hillsboro Road Electrical)	EA	0	\$10,500.00	\$0.00
16	104-04.47	Additional Work (811 Hillsboro Road Electrical)	EA	0	\$10,500.00	\$0.00
16	104-04.48	Additional Work (813 Hillsboro Road Electrical)	EA	0.512345	\$10,500.00	\$5,379.62
16	104-04.49	Additional Work (815 Hillsboro Road Electrical)	EA	0.552868	\$10,500.00	\$5,805.11
16	104-04.50	Additional Work (901 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.51	Additional Work (903 Hillsboro Road Electrical)	EA	1	\$8,744.70	\$8,744.70
16	104-04.52	Additional Work (905 Hillsboro Road Electrical)	EA	1	\$8,053.83	\$8,053.83
16	104-04.53	Additional Work (906 Hillsboro Road Electrical)	EA	1.295197	\$7,288.19	\$9,439.64
16	104-04.54	Additional Work (907 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.55	Additional Work (908 Hillsboro Road Electrical)	EA	1.135305	\$7,312.75	\$8,302.20
16	104-04.56	Additional Work (909 Hillsboro Road Electrical)	EA	1	\$7,302.19	\$7,302.19
16	104-04.57	Additional Work (911 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.58	Additional Work (912 Hillsboro Road Electrical)	EA	1.231794	\$7,302.19	\$8,994.79
16	104-04.59	Additional Work (913 Hillsboro Road Electrical)	EA	0.44448	\$10,500.00	\$4,667.04
16	104-04.60	Additional Work (914 Hillsboro Road Electrical)	EA	1.2861199	\$7,288.19	\$9,373.49
16	104-04.61	Additional Work (915 Hillsboro Road Electrical)	EA	1.01	\$19,406.54	\$19,600.61
16	104-04.62	Additional Work (916 Hillsboro Road Electrical)	EA	1.181575	\$7,288.19	\$8,611.54
16	104-04.63	Additional Work (917 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.64	Additional Work (919 Hillsboro Road Electrical)	EA	0.624687	\$10,500.00	\$6,559.21
16	104-04.65	Additional Work (920 Hillsboro Road Electrical)	EA	1.099161	\$8,732.37	\$9,598.28

16	104-04.66	Additional Work (921 Hillsboro Road Electrical)	EA	1	\$14,812.58	\$14,812.58
16	104-04.67	Additional Work (1001 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.68	Additional Work (1003 Hillsboro Road Electrical)	EA	1	\$9,727.35	\$9,727.35
16	104-04.69	Additional Work (1005 Hillsboro Road Electrical)	EA	1	\$10,752.91	\$10,752.91
16	104-04.70	Additional Work (Temp displaced resident cost reimbursement)	DOL	6000	\$6,000.00	\$6,000.00
17	730-23.30	PEDESTAL POLE (STANDARD)	EA	-7	\$1,460.00	-\$10,220.00
17	730-23.30	PEDESTAL POLE (DECORATIVE)	EA	4	\$4,028.23	\$16,112.92
18	104-04.72	Additional Work (Relocate lighting control 604 Hillsboro Rd)	LS	1	\$22,054.45	\$22,054.45
18	104-04.73	Additional Work (Above ground area drain covers)	EA	3	\$2,328.51	\$6,985.53
18	104-04.74	(Additional Work (Fire tamper switches and misc. work at fire vault)	LS	1	\$4,250.00	\$4,250.00
18	104-04.75	Additional Work (Trees (Redbud) 815 Hillsboro Rd)	EA	2	\$251.78	\$503.56
18	104-04.76	Additional Work (Stone pipe headwalls 815 Hillsboro Rd)	EA	2	\$929.49	\$1,858.98
18	104-04.77	Additional Work (Trench drains)	EA	2	\$389.88	\$779.76
18	104-04.78	Additional Work (elec. service work 704 Hillsboro Rd)	LS	1	\$4,795.29	\$4,795.29
18	713-15.51	Remove and replace sign (Rebel Meadows)	EA	-1	\$18,000.00	-\$18,000.00
18	104-07.79	Additional Work) Remove and Replace Stone Monument sign (Rebel Meadows)	LS	1	\$25,000.00	\$25,000.00
18	104-07.80	Additional Work (Roof/exterior soffit repairs to homes)	LS	1	\$59,417.83	\$59,417.83
18	104-07.81	Additional Work (mailboxes	EA	43	\$790.65	\$33,997.95
18	104-07.82	Additional Work (pea gravel ground cover)	LS	1	\$3,884.40	\$3,884.40
***	***	Contract Line Item Balancing Pay App 23				-\$235,291.33
***	***	Estimated unbilled costs				\$306,546.00
***	***	TDOT Rideability Estimate				\$100,000.00
		Total Change Order No. 2				\$661,244.97

CHANGE IN CONTRACT PRICE:
Original Contract Price
<u>\$11,995,005.13</u>
Net Increase (Decrease) from previous Change Orders No. 0 to <u>1</u> :
<u>\$54,579.35</u>
Contract Price prior to this Change Order:
<u>\$12,049,584.48</u>
Net increase (decrease) of this Change Order:
<u>\$661,244.97</u>
Contract Price with all approved Change Orders:
<u>\$12,710,829.45</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: <u>430 Calendar Days</u>
Substantial Completion: *****
Ready for final payment: <u>June 21, 2017</u>
Net change from previous Change Orders No. 0 to <u>1</u> to:
Substantial Completion: *****
Ready for final payment: <u>November 22, 2017</u>
Contract Times prior to this Change Order:
Substantial Completion: *****
Ready for final payment: <u>November 22, 2017</u>
Net increase (decrease) this Change Order:
Substantial Completion: *****
Ready for final payment: *****
Contract Times with all approved Change Orders:
Substantial Completion: *****
Ready for final payment: <u>November 22, 2017 (584 Days)</u>

Now, Therefore, We, Eutaw Construction Company, Inc. Contractors, hereby agree to this Supplemental Agreement consisting of the above-mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except in so far as specifically modified by this supplemental Agreement.

RECOMMENDED FOR APPROVAL BY:

By: _____ By: _____ By: _____
ENGINEER CITY PROJECT MANAGER CITY ENGINEER OR DESIGNEE

Date: _____ Date: _____ Date: _____

ACCEPTED:

By: _____
CONTRACTOR (Authorized Signature)

Date: _____

APPROVED:

By: _____
OWNER (Authorized Signature)

Date: _____

Request for Construction Change
Change Order No. 2

City of Franklin
Engineering Office
109 Third Avenue South
Franklin, TN 37064

Contract No.	<u>2015-0002</u>
Project	<u>TDOT PIN 108409.00</u>
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16	730-05.13	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 10)	EA	-1	\$2,390.00	-\$2,390.00
16	730-05.14	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 11)	EA	-1	\$7,500.00	-\$7,500.00

16	730-05.15	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 12)	EA	-1	\$3,510.00	-\$3,510.00
16	730-05.16	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 13)	EA	-1	\$3,100.00	-\$3,100.00
16	730-05.17	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 14)	EA	-1	\$2,360.00	-\$2,360.00
16	730-05.18	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 15)	EA	-1	\$1,950.00	-\$1,950.00
16	730-05.19	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 16)	EA	-1	\$2,470.00	-\$2,470.00
16	730-05.20	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 17)	EA	-1	\$2,400.00	-\$2,400.00
16	730-05.21	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 18)	EA	-1	\$3,620.00	-\$3,620.00
16	730-05.22	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 19)	EA	-1	\$3,860.00	-\$3,860.00
16	730-05.23	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 20)	EA	-1	\$4,160.00	-\$4,160.00
16	730-05.24	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 21)	EA	-1	\$2,680.00	-\$2,680.00
16	730-05.25	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 22)	EA	-1	\$7,730.00	-\$7,730.00
16	104-04.30	Additional Work (606 Hillsboro Road Electrical)	EA	1.01	\$8,744.70	\$8,832.15
16	104-04.31	Additional Work (612 Hillsboro Road Electrical)	EA	1.01	\$7,288.19	\$7,361.07
16	104-04.32	Additional Work (614 Hillsboro Road Electrical)	EA	1.01	\$7,288.09	\$7,360.97
16	104-04.33	Additional Work (618 Hillsboro Road Electrical)	EA	1.01	\$7,316.19	\$7,389.35
16	104-04.34	Additional Work (700 Hillsboro Road Electrical)	EA	0.744	\$21,000.00	\$15,624.00
16	104-04.35	Additional Work (702 Hillsboro Road Electrical)	EA	1.01	\$8,744.70	\$8,832.15
16	104-04.36	Additional Work (704 Hillsboro Road Electrical)	EA	1.473	\$10,500.00	\$15,466.50
16	104-04.37	Additional Work (705 Hillsboro Road Electrical)	EA	1.01	\$11,252.04	\$11,364.56
16	104-04.38	Additional Work (706 Hillsboro Road Electrical)	EA	1.01	\$7,288.19	\$7,361.07
16	104-04.39	Additional Work (708 Hillsboro Road Electrical)	EA	1.01	\$7,288.19	\$7,361.07

16	104-04.40	Additional Work (710 Hillsboro Road Electrical)	EA	1.01	\$7,312.75	\$7,385.88
16	104-04.41	Additional Work (715 Hillsboro Road Electrical)	EA	1	\$20,533.47	\$20,533.47
16	104-04.42	Additional Work (801 Hillsboro Road Electrical)	EA	1	\$9,009.62	\$9,009.62
16	104-04.43	Additional Work (803 Hillsboro Road Electrical)	EA	1.389	\$10,500.00	\$14,584.50
16	104-04.44	Additional Work (805 Hillsboro Road Electrical)	EA	1	\$17,175.41	\$17,175.41
16	104-04.45	Additional Work (809 Hillsboro Road Electrical)	EA	0.816702	\$10,500.00	\$8,575.37
16	104-04.46	Additional Work (810 Hillsboro Road Electrical)	EA	0	\$10,500.00	\$0.00
16	104-04.47	Additional Work (811 Hillsboro Road Electrical)	EA	0	\$10,500.00	\$0.00
16	104-04.48	Additional Work (813 Hillsboro Road Electrical)	EA	0.512345	\$10,500.00	\$5,379.62
16	104-04.49	Additional Work (815 Hillsboro Road Electrical)	EA	0.552868	\$10,500.00	\$5,805.11
16	104-04.50	Additional Work (901 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.51	Additional Work (903 Hillsboro Road Electrical)	EA	1	\$8,744.70	\$8,744.70
16	104-04.52	Additional Work (905 Hillsboro Road Electrical)	EA	1	\$8,053.83	\$8,053.83
16	104-04.53	Additional Work (906 Hillsboro Road Electrical)	EA	1.295197	\$7,288.19	\$9,439.64
16	104-04.54	Additional Work (907 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.55	Additional Work (908 Hillsboro Road Electrical)	EA	1.135305	\$7,312.75	\$8,302.20
16	104-04.56	Additional Work (909 Hillsboro Road Electrical)	EA	1	\$7,302.19	\$7,302.19
16	104-04.57	Additional Work (911 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.58	Additional Work (912 Hillsboro Road Electrical)	EA	1.231794	\$7,302.19	\$8,994.79
16	104-04.59	Additional Work (913 Hillsboro Road Electrical)	EA	0.44448	\$10,500.00	\$4,667.04
16	104-04.60	Additional Work (914 Hillsboro Road Electrical)	EA	1.2861199	\$7,288.19	\$9,373.49
16	104-04.61	Additional Work (915 Hillsboro Road Electrical)	EA	1.01	\$19,406.54	\$19,600.61
16	104-04.62	Additional Work (916 Hillsboro Road Electrical)	EA	1.181575	\$7,288.19	\$8,611.54
16	104-04.63	Additional Work (917 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.64	Additional Work (919 Hillsboro Road Electrical)	EA	0.624687	\$10,500.00	\$6,559.21
16	104-04.65	Additional Work (920 Hillsboro Road Electrical)	EA	1.099161	\$8,732.37	\$9,598.28

16	104-04.66	Additional Work (921 Hillsboro Road Electrical)	EA	1	\$14,812.58	\$14,812.58
16	104-04.67	Additional Work (1001 Hillsboro Road Electrical)	EA	1	\$7,288.19	\$7,288.19
16	104-04.68	Additional Work (1003 Hillsboro Road Electrical)	EA	1	\$9,727.35	\$9,727.35
16	104-04.69	Additional Work (1005 Hillsboro Road Electrical)	EA	1	\$10,752.91	\$10,752.91
16	104-04.70	Additional Work (Temp displaced resident cost reimbursement)	DOL	6000	\$6,000.00	\$6,000.00
17	730-23.30	PEDESTAL POLE (STANDARD)	EA	-7	\$1,460.00	-\$10,220.00
17	730-23.30	PEDESTAL POLE (DECORATIVE)	EA	4	\$4,028.23	\$16,112.92
18	104-04.72	Additional Work (Relocate lighting control 604 Hillsboro Rd)	LS	1	\$22,054.45	\$22,054.45
18	104-04.73	Additional Work (Above ground area drain covers)	EA	3	\$2,328.51	\$6,985.53
18	104-04.74	(Additional Work (Fire tamper switches and misc. work at fire vault)	LS	1	\$4,250.00	\$4,250.00
18	104-04.75	Additional Work (Trees (Redbud) 815 Hillsboro Rd)	EA	2	\$251.78	\$503.56
18	104-04.76	Additional Work (Stone pipe headwalls 815 Hillsboro Rd)	EA	2	\$929.49	\$1,858.98
18	104-04.77	Additional Work (Trench drains)	EA	2	\$389.88	\$779.76
18	104-04.78	Additional Work (elec. service work 704 Hillsboro Rd)	LS	1	\$4,795.29	\$4,795.29
18	713-15.51	Remove and replace sign (Rebel Meadows)	EA	-1	\$18,000.00	-\$18,000.00
18	104-07.79	Additional Work) Remove and Replace Stone Monument sign (Rebel Meadows)	LS	1	\$25,000.00	\$25,000.00
18	104-07.80	Additional Work (Roof/exterior soffit repairs to homes)	LS	1	\$59,417.83	\$59,417.83
18	104-07.81	Additional Work (mailboxes	EA	43	\$790.65	\$33,997.95
18	104-07.82	Additional Work (pea gravel ground cover)	LS	1	\$3,884.40	\$3,884.40
***	***	Contract Line Item Balancing Pay App 23				-\$235,291.33
***	***	Estimated unbilled costs				\$306,546.00
***	***	TDOT Rideability Estimate				\$100,000.00
		Total Change Order No. 2				\$661,244.97

CHANGE IN CONTRACT PRICE:
Original Contract Price
<u>\$11,995,005.13</u>
Net Increase (Decrease) from previous Change Orders No. 0 to <u>1</u> :
<u>\$54,579.35</u>
Contract Price prior to this Change Order:
<u>\$12,049,584.48</u>
Net increase (decrease) of this Change Order:
<u>\$661,244.97</u>
Contract Price with all approved Change Orders:
<u>\$12,710,829.45</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: <u>430 Calendar Days</u>
Substantial Completion: *****
Ready for final payment: <u>June 21, 2017</u>
Net change from previous Change Orders No. 0 to <u>1</u> to:
Substantial Completion: *****
Ready for final payment: <u>November 22, 2017</u>
Contract Times prior to this Change Order:
Substantial Completion: *****
Ready for final payment: <u>November 22, 2017</u>
Net increase (decrease) this Change Order:
Substantial Completion: *****
Ready for final payment: *****
Contract Times with all approved Change Orders:
Substantial Completion: *****
Ready for final payment: <u>November 22, 2017 (584 Days)</u>

Now, Therefore, We, Eutaw Construction Company, Inc. Contractors, hereby agree to this Supplemental Agreement consisting of the above-mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except in so far as specifically modified by this supplemental Agreement.

RECOMMENDED FOR APPROVAL BY:

By: _____ By: _____ By: _____
ENGINEER CITY PROJECT MANAGER CITY ENGINEER OR DESIGNEE

Date: _____ Date: _____ Date: _____

ACCEPTED:

By: _____
CONTRACTOR (Authorized Signature)

Date: _____

APPROVED:

By: _____
OWNER (Authorized Signature)

Date: _____



**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 12**

Project Title/Termini: Hillsboro Road Widening - Phase II

Owner: City of Franklin, Tennessee

PIN: 108409.00

Address: 109 3rd Avenue South

State Project No.: 94014-3230-04

Franklin, TN 37064

Federal Project No.: STP-EN-106(22)

Date Prepared: 3/21/2017

Contract No.: 2015-0002

County: Williamson

Whereas, we Eutaw Construction Company, Inc. with Travelers Casualty and Surety Company of America, as a Surety, entered into a contract with City of Franklin, Tennessee, on March 8th, 2016, for the construction by said Contractor of the above designated contract; and Whereas, certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Add item number 795-50.10, Additional Work (install DDCV (double detector check valve) with FDC assembly (fire department connection) and vault), Lump Sum to the contract documents. The new plans specified fire service line to Franklin High School did not include this check valve, which is required by the City of Franklin Fire Department.

As a result of this Change Order, contract time shall:

☒ Not Change, ☐ Increase by ____ days, ☐ Decrease by days

Original contraction Completion Time: 430 days (Date: 6/21/2017)

Approved Change Orders: 0

Current Change Order: 0

Contract Completion Time with Change Orders: 430 days (Date: 6/21/2017)

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work. A separate attached spreadsheet with the same information may be used in lieu of the table below.

Item No.	Description	Unit	Current/ Pending Quantities (Participating)	Current/ Pending Quantities (Non- Participating)	Revised Quantities (Participating)	Revised Quantities (Non- Participating)	QTY Over + QTY Under -	Contract Price	Net Amount Due Change (Participating)	Net Amount Due Change (Non- Participating
795- 50.10	Additional Work (install DDCV w/ FDC Assembly and vault	L.S.	0	0	0	1	+1	\$30,056.25	\$0	\$30,056.25

Bid Contract Amount: \$11,995,005.13
Current Change Order: \$30,056.25
Approved Change Orders: \$54,579.35
Pending Change Orders: \$0
Total Change Orders to Date: \$84,635.60

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 12**

Project Title/Termini:	<u>Hillsboro Road Widening - Phase II</u>		
Owner:	<u>City of Franklin, Tennessee</u>	PIN:	<u>108409.00</u>
Address:	<u>109 3rd Avenue South</u>	State Project No.:	<u>94014-3230-04</u>
	<u>Franklin, TN 37064</u>	Federal Project No.:	<u>STP-EN-106(22)</u>
Date Prepared:	<u>3/21/2017</u>	Contract No.:	<u>2015-0002</u>
		County:	<u>Williamson</u>

Now, Therefore, We, Eutaw Construction Company, Inc., Contractors, and Travelers Casualty and Surety Company of America, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for Approval

By:

Engineer/CE



4/5/17
Date

**Approved for
Eligibility:**

APPROVED

By Denise Baker at 1:20 pm, Apr 12, 2017

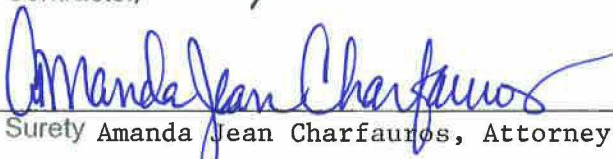
By:

Local Programs Planner

Date

Approved By:

By:  April 13th, 2017
Contractor _____ Date _____

By:  4/13/2017
Surety Amanda Jean Charfauros, Attorney-In-Fact _____ Date _____

By:  04/13/2017
Owner _____ Date _____



Proposal Date: 3/20/17

SERVICE DEPARTMENT

SERVICE

Customer Name: Eutaw Construction Company
Billing Address: 1224- B Columbia Ave.
Apt./Suite: 200
City / State: Franklin, TN
Zip: 37064
Proposal Contact: Matt McQueen
Phone: (662) 436-5720
Email: mmcqueen@eutaw.us

Site Name: Franklin High School
Inspection #: 0
Site Address: 810 Hillsboro Road
City / State: Franklin, TN
Zip: 37064
Site Contact: Matt McQueen
Phone: (662) 436-5720
Email: mmcqueen@eutaw.us

Thank you for choosing Century Fire Protection, LLC. as your fire protection service provider. This quote is good for 30 days from the date of this proposal. Please review the following price for all necessary labor and material to perform the referenced sprinkler service:

Scope of Work	Price
Cap off existing FDC	
Cut and cap existing water line per drawings	
Furnish and install approximately 60 ft. Of 8" Ductile Iron Pipe	
Furnish and install (1) 8" DDCVA Assembly with a in ground vault	
Furnish and install FDC in vault	
Furnish and install (1) 8" Cut of valve.	\$ 34,175.00
Notes: Removal of any unforeseen obstructions(Rocks electric or other utilities.)is excluded.	
Installing of the sump pump and electrical circuit done by others.	
Any tapping fees, permits or fire watch that may be required are excluded in the above pricing	
Installing of fire alarm wiring and tamper switches are excluded from pricing	
Lift Needed:	Type and Size Needed:
	Dock/Ramp/Ground

This proposal includes labor and material in accordance with the above specified scope of work. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above this proposal. Allowing Century Fire Protection LLC to commence work or preparation for work will constitute acceptance of this bid proposal.

Prices are based on work performed during normal business hours unless otherwise specified. After hours work and separate trips may include additional costs. There will be a fuel surcharge added at time of invoicing for the above quoted work. Property located in the City of Brentwood will be assessed an administrative fee for electronically submitting the repairs to The Compliance Engine as required by the City of Brentwood Fire Marshal. Payment is required to be paid in full prior to ordering material and work being performed. Century Fire Protection, LLC will provide our standard insurance coverage that is in force at the time we perform the work. Any additional coverage over and above our current Certificate of Insurance limits will be an additional charge to be paid by the customer. If either party commences legal action to enforce its rights pursuant to this agreement, the prevailing party in said legal action shall be entitled to recover reasonable attorney fees, cost of litigation, and court costs.

Please sign and email to rargueta@centuryfp.com or fax to (615) 742-1298. The Deficiency/Service Department will be in contact with you to schedule the repairs upon receipt of the signed proposal. We look forward to working with you!

Sincerely,

Mark Gibson
Inspection & Service Sales
mgibson@centuryfp.com
(615) 742-0050 Ext. 220

Roselyn Argueta
Inspection & Deficiency Supervisor
rargueta@centuryfp.com

ACCEPTANCE OF PROPOSAL

Sign: _____

Print: _____

Title: _____

Date: _____

The above price, specifications and conditions are satisfactory and are hereby accepted. Century Fire Protection, LLC is authorized to perform the specified work. Payment will be made as outlined above. This proposal may be withdrawn if not accepted within 30 days.

1 OF 1



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No.

231371

Certificate No. 006984003

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Jerry Eugene Horner, Jr., Jim A. Armstrong, Jerry G. Veazey, Jr., Jason J. Young, Trina Cobb, Peggy L. Jackson, William E. Howard Jr., Brody Eric Buckley, Angela Bullie, Stephen Wesley Price, Jr., and Amanda Jean Charfauros

of the City of Jackson, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 21st day of September, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By:

Robert L. Raney, Senior Vice President

On this the 21st day of September, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 13th day of April, 20 17.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 13**

Project Title/Terminal:	<u>Hillsboro Road Widening - Phase II</u>		
Owner:	<u>City of Franklin, Tennessee</u>	PIN:	<u>108409.00</u>
Address:	<u>109 3rd Avenue South</u>	State Project No.:	<u>94014-3230-04</u>
	<u>Franklin, TN 37064</u>	Federal Project No.:	<u>STP-EN-106(22)</u>
Date Prepared:	<u>3/21/2017</u>	Contract No.:	<u>2015-0002</u>
		County:	<u>Williamson</u>

Whereas, we Eutaw Construction Company, Inc. with Travelers Casualty and Surety Company of America, as a Surety, entered into a contract with City of Franklin, Tennessee, on March 8th, 2016, for the construction by said Contractor of the above designated contract; and Whereas, certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Add item no. 730-12.20, Decorative Traffic Signal Bases, EA, to the contract documents. This item is required for the traffic signal poles and school flasher poles to meet the City of Franklin Street Department standards for new construction in the historic downtown district. The decorative pole specification was inadvertently omitted from the plans during contract bidding.

As a result of this Change Order, contract time shall:

☒ Not Change, ☐ Increase by ____ days, ☐ Decrease by ____ days

Original contraction Completion Time: 430 days (Date: 6/21/2017)

Approved Change Orders: 0

Current Change Order: 0

Contract Completion Time with Change Orders: 430 days (Date: 6/21/2017)

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work. A separate attached spreadsheet with the same information may be used in lieu of the table below.

Item No.	Description	Unit	Current/ Pending Quantities	Revised Quantities	QTY Over + QTY Under -	Contract Price	Net Amount Due Change
730-12.20	Decorative Traffic Signal Bases	EA		10	10	\$2,410.00	\$24,100.00
						\$	\$

Bid Contract Amount: \$11,995,005.13

Current Change Order: \$24,100.00

Approved Change Orders: \$54,579.35

Pending Change Orders: \$30,056.25

Total Change Orders to Date: \$108,735.60

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 13**

Project Title/Termini:	Hillsboro Road Widening - Phase II		
Owner:	City of Franklin, Tennessee	PIN:	108409.00
Address:	109 3 rd Avenue South	State Project No.:	94014-3230-04
	Franklin, TN 37064	Federal Project No.:	STP-EN-106(22)
Date Prepared:	3/21/2017	Contract No.:	2015-0002
		County:	Williamson

Now, Therefore, We, Eutaw Construction Company, Inc., Contractors, and Travelers Casualty and Surety Company of America, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for Approval

By:  4/5/17
Engineer/CEI Date

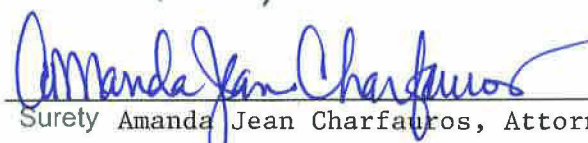
**Approved for
Eligibility:**

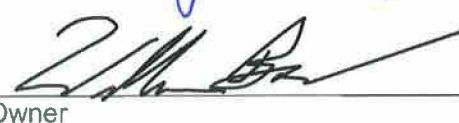
REVIEWED
By Denise Baker at 1:45 pm, Apr 12, 2017
By: _____
Local Programs Planner Date

This item is not eligible for federal funding. The City of Franklin will need to treat this as a non-participating item. DBB

Approved By:

By:  April 12th, 2017
Contractor Date

By:  4/12/2017
Surety Amanda Jean Charfauros, Attorney-In-Fact Date

By:  04/12/2017
Owner Date



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No.

231371

Certificate No. 006984002

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Jerry Eugene Horner, Jr., Jim A. Armstrong, Jerry G. Veazey, Jr., Jason J. Young, Trina Cobb, Peggy L. Jackson, William E. Howard Jr., Brody Eric Buckley, Angela Bullie, Stephen Wesley Price, Jr., and Amanda Jean Charfauros

of the City of Jackson, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 21st day of September, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: Robert L. Raney
Robert L. Raney, Senior Vice President

On this the 21st day of September, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

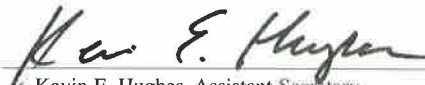
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 12th day of April, 20 17.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



Supplemental Agreement and/or Request for Construction Change Change Order Request # 14

Project Title/Termini: Hillsboro Road Widening - Phase II
 Owner: City of Franklin, Tennessee PIN: 108409.00
 Address: 109 3rd Avenue South State Project No.: 94014-3230-04
 Franklin, TN 37064 Federal Project No.: STP-EN-106(22)
 Date Prepared: 3/21/2017 Contract No.: 2015-0002
 County: Williamson

Whereas, we Eutaw Construction Company, Inc. with Travelers Casualty and Surety Company of America, as a Surety, entered into a contract with City of Franklin, Tennessee, on March 8th, 2016, for the construction by said Contractor of the above designated contract; and *Whereas*, certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Alternate price to provide ADS HP Drainage Pipe and Nyloplast Structures in lieu of RCP and Type 42 Structures.

As a result of this Change Order, contract time shall:

☒ Not Change, ☐ Increase by ____ days, ☐ Decrease by ____ days

Original contraction Completion Time: 430 days (Date: 6/21/2017)

Approved Change Orders: 0

Current Change Order: 0

Contract Completion Time with Change Orders: 430 days (Date: 6/21/2017)

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work. A separate attached spreadsheet with the same information may be used in lieu of the table below.

Item No.	Description	Unit	Current/ Pending Quantities (Participating)	Current/ Pending Quantities (Non- Participating)	Revised Quantities (Participating)	Revised Quantities (Non- Participating)	QTY Over + QTY Under -	Contract Price	Net Amount Due Change (Participating)	Net Amount Due Change (Non- Participating)
607-03.02	18" Concrete Pipe Culvert (Class III)	LF	2190	1233	-422	-238	-660	\$47.00	(-\$19,834)	(-\$11,186)
607-05.02	24" Concrete Pipe Culvert (Class III)	LF	400	225	-13	-7	-20	\$58.00	(-\$754.00)	(-\$406.00)
611-42.01	Catch Basins, Type 42, 0' - 4'	EA	22	13	-21	-12	-33	\$2,700.00	(-\$56,700)	(-\$32,400)
607-02.30	15" Pipe Culvert (ADS HP Drainage Pipe)	LF	0	0	13	7	20	\$44.20	\$574.60	\$309.40
607-03.30	18" Pipe Culvert (ADS HP Drainage Pipe)	LF	0	0	422	238	660	\$48.80	\$20,593.60	\$11,614.40
607-05.30	24" Pipe Culvert (ADS HP Drainage Pipe)	LF	0	0	13	7	20	\$63.14	\$820.82	\$441.98

611-90.01	Catch Basins, Type 42A 24" ADS, < 5'-10' Depth	EA	0	0	19	11	30	\$2701.70	\$51,332.30	\$29,718.70
611-90.02	Catch Basins, Type 42A 24" ADS, >5'-10' Depth	EA	0	0	1	1	2	\$2,839.70	\$2,839.70	\$2,839.70
611-90.03	Catch Basins, Type 42A 30" ADS, < 5'-10' Depth	EA	0	0	0.5	0.5	1	\$3,437.70	\$1,718.85	\$1,718.85

Bid Contract Amount: \$11,995,005.13

Current Change Order: \$3,242.90

Approved Change Orders: \$54,579.35

Pending Change Orders: \$54,156.25

Total Change Orders to Date: \$111,978.50

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 14**

Project Title/Termini: Hillsboro Road Widening - Phase II

Owner: City of Franklin, Tennessee

PIN: 108409.00

Address: 109 3rd Avenue South
Franklin, TN 37064

State Project No.: 94014-3230-04

Federal Project No.: STP-EN-106(22)

Date Prepared: 3/21/2017

Contract No.: 2015-0002

County: Williamson

Now, Therefore, We, Eutaw Construction Company, Inc., Contractors, and Travelers Casualty and Surety Company of America, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for Approval

By: _____

Engineer/CEI

4/5/17
Date

Approved for Eligibility:

By: _____

Local Programs Planner

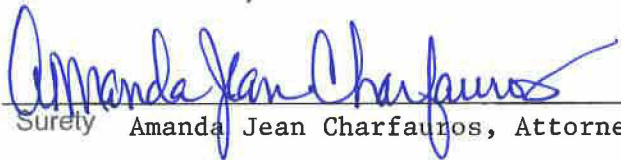
Date

APPROVED

By Denise Baker at 1:48 pm, Apr 12, 2017

Approved By:

By:  April 13th, 2017
Contractor _____ Date

By:  4/13/2017
Surety Amanda Jean Charfauros, Attorney-In-Fact Date

By:  04/13/2017
Owner _____ Date



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No.

231371

Certificate No. 006984004

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Jerry Eugene Horner, Jr., Jim A. Armstrong, Jerry G. Veazey, Jr., Jason J. Young, Trina Cobb, Peggy L. Jackson, William E. Howard Jr., Brody Eric Buckley, Angela Bullie, Stephen Wesley Price, Jr., and Amanda Jean Charfauros

of the City of Jackson, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 21st day of September, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By:

Robert L. Raney, Senior Vice President

On this the 21st day of September, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 13th day of April, 20 17.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 15**

Project Title/Termini:	Hillsboro Road Widening - Phase II	
Owner:	City of Franklin, Tennessee	PIN: 108409.00
Address:	109 3 rd Avenue South	State Project No.: 94014-3230-04
	Franklin, TN 37064	Federal Project No.: STP-EN-106(22)
Date Prepared:	5/3/2017	Contract No.: 2015-0002
		County: Williamson

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work. A separate attached spreadsheet with the same information may be used in lieu of the table below.

Item No.	Description	Unit	Current/ Pending Quantities (Participating)	Current/ Pending Quantities (Non- Participating)	Revised Quantities (Participating)	Revised Quantities (Non- Participating)	QTY Over + QTY Under -	Contract Price	Net Amount Due Change (Participating)	Net Amount Due Change (Non- Participating)
104-04.30	Additional Work (Residence Electric Service Connection Assessments)	LS	0	0	0	1	+1	\$12,790.45	\$0.00	\$12,790.45

Bid Contract Amount: \$11,995,005.13

Current Change Order: \$12,790.45

Approved Change Orders: \$111,978.50

Pending Change Orders: \$0.00

Total Change Orders to Date: \$124,768.95

Supplemental Agreement and/or Request for Construction Change Change Order Request # 15

Project Title/Termini:	Hillsboro Road Widening - Phase II		
Owner:	City of Franklin, Tennessee	PIN:	108409.00
Address:	109 3 rd Avenue South	State Project No.:	94014-3230-04
	Franklin, TN 37064	Federal Project No.:	STP-EN-106(22)
Date Prepared:	5/3/2017	Contract No.:	2015-0002
		County:	Williamson

Whereas, we Eutaw Construction Company, Inc. with Travelers Casualty and Surety Company of America, as a Surety, entered into a contract with City of Franklin, Tennessee, on March 8th, 2016, for the construction by said Contractor of the above designated contract; and Whereas, certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Add pay item 104-04.30 Additional Work (Residence Electrical Service Connection Assessments), Lump Sum, to the contract documents. This item will provide payment for material, equipment and labor needed to prepare inspections/assessments at 39 existing residences to determine what modifications are required at each home to switch the service connections from existing aerial to the new underground power distribution. This assessment will determine a lump sum cost for each individual home to convert the connection, including removal of existing aerial weatherheads and associated soffit and roof repairs and other electrical equipment needed.

As a result of this Change Order, contract time shall:

☒ Not Change, ☐ Increase by ____ days, ☐ Decrease by ____ days

Original contraction Completion Time: 430 days (Date: 6/21/2017)

Approved Change Orders: 0

Current Change Order: 0

Contract Completion Time with Change Orders: 430 days (Date: 6/21/2017)

Now, Therefore, We, Eutaw Construction Company, Inc., Contractors, and Travelers Casualty and Surety Company of America, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for Approval

By: ROBIN LOVETT  5/3/17
Engineer/CEI (Printed and Signature) Date

Approved By:

By:  5/16/17
Contractor (Printed and Signature) Date

By: Amanda Jean Charfauros 5/16/17
Surety (Printed and Signature) Amanda Jean Charfauros, Attorney-In-Fact Date

By:  05/16/2017
Owner (Printed and Signature) Date

Approved For Eligibility:

By: _____
Local Programs (Printed and Signature) Date



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No.

231371

Certificate No. 006984442

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Jerry Eugene Horner, Jr., Jim A. Armstrong, Jerry G. Veazey, Jr., Jason J. Young, Trina Cobb, Peggy L. Jackson, William E. Howard Jr., Brody Eric Buckley, Angela Bullie, Stephen Wesley Price, Jr., and Amanda Jean Charfauros

of the City of Jackson, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 21st day of September, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By:

Robert L. Raney, Senior Vice President

On this the 21st day of September, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
Marie C. Tetreault, Notary Public

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 16**

Project Title/Termini:	<u>Hillsboro Road Widening - Phase II</u>		
Owner:	<u>City of Franklin, Tennessee</u>	PIN:	<u>108409.00</u>
Address:	<u>109 3rd Avenue South</u>	State Project No.:	<u>94014-3230-04</u>
	<u>Franklin, TN 37064</u>	Federal Project No.:	<u>STP-EN-106(22)</u>
Date Prepared:	<u>8/9/2017</u>	Contract No.:	<u>2015-0002</u>
		County:	<u>Williamson</u>

Whereas, we Eutaw Construction Company, Inc. with Travelers Casualty and Surety Company of America, as a Surety, entered into a contract with City of Franklin, Tennessee, on March 8th, 2016, for the construction by said Contractor of the above designated contract; and Whereas, certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Add Additional Work (Electric Home Repairs) , EA., to the contract documents. The original scope of work assumed the transition from the existing overhead wire electrical services at the addresses included herein from could be converted to underground by simply re attaching to the meter. However, City of Franklin codes require that new wire be installed from the new meter to the existing panel. This codes requirement create additional work as now the contractor will have to make upgrades to the existing residential electric panel. The price change includes both electrical work inside and outside the home. Additional general contracting work for cosmetic repairs to the homeowner's house will be accessed and priced separately as the electrical work progresses.

This change order also increases the contract time by 154 days for excusable delays for unknown underground utility conflict relocations and unknown sinkhole repairs on the project not included in the original scope of work.

As a result of this Change Order, contract time shall:

☐ Not Change, ☒ Increase by days, ☐ Decrease by _____ days

Original contraction Completion Time: 430 days (Date: 6/21/2017)

Approved Change Orders: 0

Current Change Order: 154

Contract Completion Time with Change Orders: 584 days (Date: 11/22/2017)

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work. A separate attached spreadsheet with the same information may be used in lieu of the table below.

Item No.	Description	Unit	Current/ Pending Quantity	Revised Qty	QTY Over + QTY Under -	Contract Price	Net Amount Due Change
730-05.04	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 1)	EA	5	0	-5	\$2,390.00	\$-11,950.00
730-05.05	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 2)	EA	4	0	-4	\$2,390.00	\$-9,560.00
730-05.06	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 3)	EA	4	0	-4	\$2,390.00	\$-9,560.00
730-05.07	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 4)	EA	1	0	-1	\$2,540.00	\$-2,540.00
730-05.08	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 5)	EA	6	0	-6	\$2,380.00	\$-14,280.00
730-05.09	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 6)	EA	2	0	-2	\$2,390.00	\$-4,780.00
730-05.10	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 7)	EA	1	0	-1	\$3,080.00	\$-3,080.00
730-05.11	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 8)	EA	3	0	-3	\$3,340.00	\$-10,020.00
730-05.12	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 9)	EA	1	0	-1	\$2,830.00	\$-2,830.00
730-05.13	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 10)	EA	1	0	-1	\$2,390.00	\$-2,390.00

730-05.14	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 11)	EA	1	0	-1	\$7,500.00	\$-7,500.00
730-05.15	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 12)	EA	1	0	-1	\$3,510.00	\$-3,510.00
730-05.16	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 13)	EA	1	0	-1	\$3,100.00	\$-3,100.00
730-05.17	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 14)	EA	1	0	-1	\$2,360.00	\$-2,360.00
730-05.18	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 15)	EA	1	0	-1	\$1,950.00	\$-1,950.00
730-05.19	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 16)	EA	1	0	-1	\$2,470.00	\$-2,470.00
730-05.20	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 17)	EA	1	0	-1	\$2,400.00	\$-2,400.00
730-05.21	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 18)	EA	1	0	-1	\$3,620.00	\$-3,620.00
730-05.22	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 19)	EA	1	0	-1	\$3,860.00	\$-3,860.00
730-05.23	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 20)	EA	1	0	-1	\$4,160.00	\$-4,160.00
730-05.24	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 21)	EA	1	0	-1	\$2,680.00	\$-2,680.00
730-05.25	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 22)	EA	1	0	-1	\$7,730.00	\$-7,730.00
104-04.30	Additional Work (606 Hillsboro Road Electrical)	EA	0	1	1	\$8,744.70	\$8,744.70

104-04.31	Additional Work (612 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.32	Additional Work (614 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.09	\$7,288.09
104-04.33	Additional Work (618 Hillsboro Road Electrical)	EA	0	1	1	\$7,316.19	\$7,316.19
104-04.34	Additional Work (700 Hillsboro Road Electrical)	EA	0	1	1	\$21,000.00	\$21,000.00
104-04.35	Additional Work (702 Hillsboro Road Electrical)	EA	0	1	1	\$8,744.70	\$8,744.70
104-04.36	Additional Work (704 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.37	Additional Work (705 Hillsboro Road Electrical)	EA	0	1	1	\$11,252.04	\$11,252.04
104-04.38	Additional Work (706 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.39	Additional Work (708 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.40	Additional Work (710 Hillsboro Road Electrical)	EA	0	1	1	\$7,312.75	\$7,312.75
104-04.41	Additional Work (715 Hillsboro Road Electrical)	EA	0	1	1	\$20,533.47	\$20,533.47
104-04.42	Additional Work (801 Hillsboro Road Electrical)	EA	0	1	1	\$9,009.62	\$9,009.62
104-04.43	Additional Work (803 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.44	Additional Work (805 Hillsboro Road Electrical)	EA	0	1	1	\$17,175.41	\$17,175.41
104-04.45	Additional Work (809 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.46	Additional Work (810 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.47	Additional Work (811 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.48	Additional Work (813 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.49	Additional Work (815 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.50	Additional Work (901 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.51	Additional Work (903 Hillsboro Road Electrical)	EA	0	1	1	\$8,744.70	\$8,744.70
104-04.52	Additional Work (905 Hillsboro Road Electrical)	EA	0	1	1	\$8,053.83	\$8,053.83
104-04.53	Additional Work (906 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.54	Additional Work (907 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.55	Additional Work (908 Hillsboro Road Electrical)	EA	0	1	1	\$7,312.75	\$7,312.75

104-04.56	Additional Work (909 Hillsboro Road Electrical)	EA	0	1	1	\$7,302.19	\$7,302.19
104-04.57	Additional Work (911 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.58	Additional Work (912 Hillsboro Road Electrical)	EA	0	1	1	\$7,302.19	\$7,302.19
104-04.59	Additional Work (913 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.60	Additional Work (914 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.61	Additional Work (915 Hillsboro Road Electrical)	EA	0	1	1	\$19,223.45	\$19,223.45
104-04.62	Additional Work (916 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.63	Additional Work (917 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.64	Additional Work (919 Hillsboro Road Electrical)	EA	0	1	1	\$10,500.00	\$10,500.00
104-04.65	Additional Work (920 Hillsboro Road Electrical)	EA	0	1	1	\$8,732.37	\$8,732.37
104-04.66	Additional Work (921 Hillsboro Road Electrical)	EA	0	1	1	\$14,812.58	\$14,812.58
104-04.67	Additional Work (1001 Hillsboro Road Electrical)	EA	0	1	1	\$7,288.19	\$7,288.19
104-04.68	Additional Work (1003 Hillsboro Road Electrical)	EA	0	1	1	\$9,727.35	\$9,727.35
104-04.69	Additional Work (1005 Hillsboro Road Electrical)	EA	0	1	1	\$10,752.91	\$10,752.91
104-04.70	Additional Work (Temp displaced resident cost reimburesment)	DO L	0	6000	6000	\$6,000.00	\$6,000.00

 Bid Contract Amount: \$11,995,005.13

 Current Change Order: \$284,681.38

 Approved Change Orders: \$124,768.95

Pending Change Orders: \$_____

 Total Change Orders to Date: \$409,450.33

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 16**

Project Title/Termini:	Hillsboro Road Widening - Phase II		
Owner:	City of Franklin, Tennessee	PIN:	108409.00
Address:	109 3 rd Avenue South	State Project No.:	94014-3230-04
	Franklin, TN 37064	Federal Project No.:	STP-EN-106(22)
Date Prepared:	8/9/2017	Contract No.:	2015-0002
		County:	Williamson

Now, Therefore, We, Eutaw Construction Company, Inc., Contractors, and Travelers Casualty and Surety Company of America, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for Approval

By:  8/17/2017

Engineer/CEI Date

Approved for Eligibility:

By:
APPROVED
By Kimery Grant at 3:54 pm, Sep 05, 2017
 Date

Local Programs Planner

Approved By:

By:  9/6/2017

Contractor Patrick Kuykendall, Project Engineer Date

By:  9/6/2017

Surety Amanda Jean Charfauros, Attorney-In-Fact Date

By:  Date

Owner

TRAVELERS**POWER OF ATTORNEY**

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No.

231371

Certificate No. 006985060

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Jerry Eugene Horner, Jr., Jim A. Armstrong, Jerry G. Veazey, Jr., Jason J. Young, Trina Cobb, Peggy L. Jackson, William E. Howard Jr., Brody Eric Buckley, Angela Bullie, Stephen Wesley Price, Jr., and Amanda Jean Charfauros

of the City of Jackson, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 21st day of September, 2016.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By: Robert L. Raney
 Robert L. Raney, Senior Vice President

On this the 21st day of September, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

Supplemental Agreement and/or Request for Construction Change Change Order Request # 17

Project Title/Termini: Hillsboro Road Widening - Phase II
 Owner: City of Franklin, Tennessee PIN: 108409.00
 Address: 109 3rd Avenue South State Project No.: 94014-3230-04
 Franklin, TN 37064 Federal Project No.: STP-EN-106(22)
 Date Prepared: 8/16/2017 Contract No.: 2015-0002
 County: Williamson

Whereas, we Eutaw Construction Company, Inc. with Travelers Casualty and Surety Company of America, as a Surety, entered into a contract with City of Franklin, Tennessee, on March 8th, 2016, for the construction by said Contractor of the above designated contract; and Whereas, certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Replace Billing Item 730-23.30 Pedestal Pole (Standard) with Billing Item 730-23.30 Pedestal Pole (Decorative); these decorative PED poles are custom made just as the decorative signal poles and come with a 12 to 14 week lead time.

As a result of this Change Order, contract time shall:

☒ Not Change, ☐ Increase by ____ days, ☐ Decrease by ____ days

Original contraction Completion Time: 430 days (Date: 6/21/2017)

Approved Change Orders: 154

Current Change Order: 0

Contract Completion Time with Change Orders: 584 days (Date: 11/22/2017)

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work. A separate attached spreadsheet with the same information may be used in lieu of the table below.

Item No.	Description	Unit	Current/ Pending Quantities	Revised Quantities	QTY Over + QTY Under -	Contract Price	Net Amount Due Change
730-23.30	PEDESTAL POLE (STANDARD)	EA	7	0	-7	\$1,460.00	\$-10,220.00
730-23.30	PEDESTAL POLE (DECORATIVE)	EA	0	4	4	\$4,028.23	\$16,112.92
						\$	\$
						\$	\$
						\$	\$

Bid Contract Amount: \$11,995,005.13

Current Change Order: \$5,892.92
Approved Change Orders: \$403,450.43
Pending Change Orders: \$
Total Change Orders to Date: \$409,343.35

**Supplemental Agreement and/or Request for Construction Change
Change Order Request # 17**

Project Title/Terminal:	Hillsboro Road Widening - Phase II		
Owner:	City of Franklin, Tennessee	PIN:	108409.00
Address:	109 3 rd Avenue South	State Project No.:	94014-3230-04
	Franklin, TN 37064	Federal Project No.:	STP-EN-106(22)
Date Prepared:	8/16/2017	Contract No.:	2015-0002
		County:	Williamson

Now, Therefore, We, Eutaw Construction Company, Inc., Contractors, and Travelers Casualty and Surety Company of America, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for Approval

By:



8/23/17

Engineer/CEI

Date

**Approved for
Eligibility:**

APPROVED

By Kimery Grant at 7:49 am, Aug 28, 2017

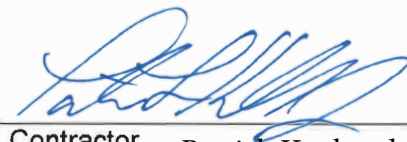
By:

Local Programs Planner

Date

Approved By:

By:



8/31/2017

Contractor Patrick Kuykendall, Project Engineer

Date

By:


Surety Amanda Jean Charfauros, Attorney-In-Fact 8/31/2017 Date

By: **APPROVED**
Owner By William Banks at 9:59 am, Aug 31, 2017 Date



POWER OF ATTORNEY

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No.

231371

Certificate No. 006984976

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Jerry Eugene Horner, Jr., Jim A. Armstrong, Jerry G. Veazey, Jr., Jason J. Young, Trina Cobb, Peggy L. Jackson, William E. Howard Jr., Brody Eric Buckley, Angela Bullie, Stephen Wesley Price, Jr., and Amanda Jean Charfauros

of the City of Jackson, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 21st day of September, 2016.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By:

Robert L. Raney, Senior Vice President

On this the 21st day of September, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

Supplemental Agreement and/or Request for Construction Change Change Order Request #18

Project Title/Termini:	<u>Hillsboro Road Widening - Phase II</u>		
Owner:	<u>City of Franklin, Tennessee</u>	PIN:	<u>108409.00</u>
Address:	<u>109 3rd Avenue South</u>	State Project No.:	<u>94014-3230-04</u>
	<u>Franklin, TN 37064</u>	Federal Project No.:	<u>STP-EN-106(22)</u>
		Contract No.:	<u>2015-0002</u>
County:	<u>Williamson</u>		

Whereas, we Eutaw Construction Company, Inc. with Travelers Casualty and Surety Company of America, as a Surety, entered into a contract with City of Franklin, Tennessee, on March 8th, 2016, for the construction by said Contractor of the above designated contract; and *Whereas*, certain items of construction encountered, are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the Owner at the price(s) scheduled therefore below:

The purpose of this Change Order is to:

Add Additional Work items to the contract documents to provide payment for additional work requested by the City of Franklin and to provide payment for home repairs required due to the changed electrical service connection from aerial overhead to underground.

As a result of this Change Order, contract time shall:

☒ Not Change, ☐ Increase by _____ days, ☐ Decrease by _____ days

Original Construction Completion Time: 430days (Date: 6/21/2017)

Original Contract Amount: \$11,995,005.13

Approved Change Orders: \$415,343.25

Current Change Order: \$145,527.58

Pending Change Orders: \$0

Total Change Orders:: \$560,870.83

Contract Completion Time with Change Orders: 584 days (Date: 11/22/2017)

Supplemental Agreement and/or Request for Construction Change Change Order Request # 18

Unit prices listed below include labor, materials, profit, overhead, and incidentals necessary to complete this work. A separate attached spreadsheet with the same information may be used in lieu of the table below.

Item No.	Description	Unit	Current/ Pending Quantities	Revised Quantities	QTY Over + QTY Under -	Contract Price	Net Amount Due Change
104-04.72	Additional Work (Relocate lighting control 604 Hillsboro Rd)	LS	0	1	+1	\$22,054.45	\$22,054.45
104-04.73	Additional Work (Above ground area drain covers)	EA	0	3	+3	\$2,328.51	\$6,985.53
104-04.74	(Additional Work (Fire tamper switches and misc work at fire vault)	LS	0	1	+1	\$4,250.00	\$4,250.00
104-07.75	Additional Work (Trees (Redbud) 815 Hillsboro Rd)	EA	0	2	+2	\$251.78	\$503.56
104-07.76	Additional Work (Stone pipe headwalls 815 Hillsboro Rd)	EA	0	2	+2	\$929.49	\$1,858.98
104-07.77	Additional Work (Trench drains)	EA	0	2	+2	\$389.88	\$779.76
104-07.78	Additional Work (elec. service work 704 Hillsboro Rd)	LS	0	1	+1	\$4,795.29	\$4,795.29

713-15.51	Remove and replace sign(Rebel Meadows)	LS	1	0	-1	\$-18,000	\$-18,000
104-07.79	Additional Work (Remove and Replace Stone Monument sign (Rebel Meadows))	LS	0	1	+1	\$25,000	\$25,000
104-07.80	Additional Work (Roof/exteri soffet repairs to homes)	LS	0	1	+1	\$59,417.83	\$59,417.83
104-07.81	Additional Work (mailboxes	EA	0	43	+43	\$790.65	\$33,997.78
104-07.82	Additional Work (pea gravel ground cover)	LS	0	1	+1	\$3,884.40	\$3,884.40
						\$	\$
						\$	\$
						\$	\$
						\$	\$
						\$	\$
						\$	\$
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						\$	\$
						\$	\$

Now, Therefore, We, Eutaw Construction Company, Inc. Contractors, and Travelers Casualty and Surety Company of America, Surety, hereby agree to the Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except insofar as specifically modified by this Supplemental Agreement.

Recommended for
Approval

Engineer/CEI (Signature)

Date

5/8/18

Approved

By:

Contractor (Signature)

Date

By:

Surety (Signature)

Date

By:

Owner (Signature)

Date

APPROVED

By Taylor Lee at 1:31 pm, May 10, 2018

Approved for
Eligibility

By: _____

Local Programs (Signature)

Date

Application and Certificate For Payment

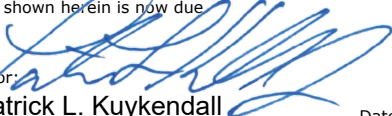
Page 1

To Owner: CITY OF FRANKLIN 109 3RD AVE SOUTH FRANKLIN, TN 37064 From (Contractor): Eutaw Construction Company 167 Orchard Lane PO Box 2482 Madison, MS 39130 Phone: 601 855-7474	Project: Hillsboro Road Phase II Hillsboro Road (SR106) Franklin, TN 37064 Contractor Job Number: 16031 Via (Architect): Contract For:	Application No: 23 Date: 04/11/2018 Period To: 03/25/18 Architect's Project No: 108409.00 Contract Date:
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Contractor's Application For Payment

Change Order Summary	Additions	Deductions
Change orders approved in previous months by owner	54,579.35	
Number Date Approved Change orders approved this month		
Totals		
Net change by change orders	54,579.35	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due

Contractor: 
 By: Patrick L. Kuykendall Date: Mar. 10, 2018
 State of: Tennessee County of: Williamson
 Subscribed and sworn to before me this 30 day of Apr.,
2018 (year). Notary public: Eric R. Lowe
 My commission expires July 28, 2019



Original contract sum	11,995,005.13
Net change by change orders	54,579.35
Contract sum to date	12,049,584.48
Total completed and stored to date	11,811,928.56
Retainage	
0.0% of completed work	0.00
0.0% of stored material	0.00
Total retainage	0.00
Total earned less retainage	11,811,928.56
Less previous certificates of payment	11,588,045.91
Current sales tax	
0.000% of taxable amount	0.00
EXEMPT FUEL TAX	
Current sales tax	0.00
Current payment due	223,882.65
Balance to finish, including retainage	237,655.92

Architect's Certificate for Payment

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the Amount Certified.

Amount Certified: \$ _____

Architect:

By: _____ Date: _____

This Certification is not negotiable. The Amount Certified is payable only to the Contractor named herein. Issuance, payment, and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Application and Certificate For Payment -- page 2

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
01 ROADWAY ITEMS														
10501	CONST STAKES LINES & GRADE	0.0000	.00	LS	110,000.00	100.00	%	110,000.00	0.00	%	0.00	100.00	%	110,000.00 100.0 0.00
20101	CLEARING & GRUBBING	0.0000	.00	LS	20,478.98	100.00	%	20,478.98	0.00	%	0.00	100.00	%	20,478.98 100.0 0.00
2010701	Removal/Disposal of Brush & Tr	2,100.0000	9.000	EA	18,900.00	12.000		25,200.00	.000		0.00	12.000		25,200.00 133.3 0.00
20201	RM OF STRUCTURES & OBSTRUCTION	0.0000	.00	LS	100,000.00	100.00	%	100,000.00	0.00	%	0.00	100.00	%	100,000.00 100.0 0.00
20301	ROAD & DRAINAGE EXCAVATIN	9.0000	7620.00	CY	68,580.00	4992.00		44,928.00	.00		0.00	4992.00		44,928.00 65.5 0.00
2030203	BORROW EXCAVATION SOLID ROCK, MAX SZ 6"	16.0000	5000.00	TN	80,000.00	8270.91		132,334.56	.00		0.00	8270.91		132,334.56 165.4 0.00
20303	BORROW EXCAVATION UNCLASSIFIED	39.0000	1955.00	CY	76,245.00	132.64		5,172.96	.00		0.00	132.64		5,172.96 6.8 0.00
20304	PLACING & SPREADING TOPSOIL	8.0000	1379.00	CY	11,032.00	1975.26		15,802.08	.00		0.00	1975.26		15,802.08 143.2 0.00
20305	UNDERCUTTING (UNIT PRICE BIDS INCLUDES MINERAL AGG	49.0000	1143.00	CY	56,007.00	1856.08		90,947.92	25.00		1,225.00	1881.08		92,172.92 164.6 0.00
20306	WATER	3.0000	1911.00	MG	5,733.00	.00		0.00	.00		0.00	.00		0.00 0.0 0.00
20307	FURNISHING & SPREADING TOPSOIL	20.0000	2015.00	CY	40,300.00	1893.74		37,874.80	.00		0.00	1893.74		37,874.80 94.0 0.00
20408	FOUNDATION FILL MATRIAL	41.0000	504.00	CY	20,664.00	180.01		7,380.41	.00		0.00	180.01		7,380.41 35.7 0.00
2040801	BACKFILL MATERIAL (FLOWABLE FI INCLUDES 100 CY	110.0000	687.66	CY	75,642.60	201.00		22,110.00	.00		0.00	201.00		22,110.00 29.2 0.00
2090131	Temporary Mulch Berms	5.0000	300.00	LF	1,500.00	28.00		140.00	.00		0.00	28.00		140.00 9.3 0.00
20905	SEDIMENT REMOVAL	6.0000	97.00	CY	582.00	154.00		924.00	.00		0.00	154.00		924.00 158.8 0.00
2090802	TEMP SILT FENCE WITH BACKING	4.0000	2900.00	LF	11,600.00	3110.00		12,440.00	.00		0.00	3110.00		12,440.00 107.2 0.00
2090806	ENHANCED SILT FENCE CHECK	320.0000	19.00	EA	6,080.00	21.00		6,720.00	.00		0.00	21.00		6,720.00 110.5 0.00
2090807	Rock Check Dam	375.0000	12.00	EA	4,500.00	8.00		3,000.00	.00		0.00	8.00		3,000.00 66.7 0.00
2090808	Enhanced Rock Check Dam	525.0000	8.00	EA	4,200.00	12.00		6,300.00	.00		0.00	12.00		6,300.00 150.0 0.00
2090901	Sandbags	4.4000	250.00	EA	1,100.00	569.00		2,503.60	.00		0.00	569.00		2,503.60 227.6 0.00
2090941	CURB INLET PROTECTION TYPE 2 AFTER THE INITIAL	180.0000	60.00	EA	10,800.00	84.00		15,120.00	.00		0.00	84.00		15,120.00 140.0 0.00
2094041	CATCH BASIN FILTER ASSEMBLY TYPE 1 AFTER THE	420.0000	35.00	EA	14,700.00	.00		0.00	.00		0.00	.00		0.00 0.0 0.00
2094042	CATCH BASIN FILTER ASSEMBLY TY[E 2 AFTER THE	680.0000	6.00	EA	4,080.00	.00		0.00	.00		0.00	.00		0.00 0.0 0.00
30301	MINERAL AGGREGATE TYPE A BASE GRADING D	18.0000	21028.00	TN	378,504.00	22026.78		396,482.04	.00		0.00	22026.78		396,482.04 104.7 0.00
3030101	GRANULAR BACKFILL (ROADWAY)	27.0000	1152.00	TN	31,104.00	3265.92		88,179.84	.00		0.00	3265.92		88,179.84 283.5 0.00
3070201	ASPHALT CONCRETE MIX PG70-22 BPMB-HM GRADING A	61.0000	6967.00	TN	424,987.00	3323.42		202,728.62	.00		0.00	3323.42		202,728.62 47.7 0.00
3070202	ASPHALT CEMENT PG70-22 BPMB-HM GRADING A-5	610.0000	177.00	TN	107,970.00	63.76		38,893.60	.00		0.00	63.76		38,893.60 36.0 0.00
3070203	AGGREGATE BPMB-HM GR A-5 MIX	45.0000	5275.00	TN	237,375.00	2060.85		92,738.25	.00		0.00	2060.85		92,738.25 39.1 0.00
3070208	ASPHALT CONCRETE MIX PG70-22 BPMB-HM GRADING B	63.0000	3656.00	TN	230,328.00	3476.66		219,029.58	.00		0.00	3476.66		219,029.58 95.1 0.00

Application and Certificate For Payment -- page 3

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
40201	BITUMINOUS MATERIAL FOR PRIME COAT PC	790.0000	61.00	TN	48,190.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
40202	AGGREGATE FOR COVER MATERIAL PC	25.0000	242.00	TN	6,050.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
40301	BITUMINOUS MATERIAL FOR TACK COAT TC	680.0000	33.00	TN	22,440.00	11.82	8,037.60	2.25	1,530.00	14.07	9,567.60	42.6	0.00	
4072005	SAW CUTTING ASPHALT PAVEMENT	1.5000	7909.00	LF	11,863.50	11944.00	17,916.00	.00	0.00	11944.00	17,916.00	151.0	0.00	
4110210	ACS MIX PG70-22 GRADING D	86.0000	2661.00	TN	228,846.00	366.09	31,483.74	157.47	13,542.42	523.56	45,026.16	19.7	0.00	
4150102	COLD PLAINING BITUMINOUS PAVEMENT DEPTH 1.25" +	4.0000	5722.00	SY	22,888.00	23411.00	93,644.00	.00	0.00	23411.00	93,644.00	409.1	0.00	
5020401	SAW CUTTING CONCRETE PAVEMENT	3.5000	24.00	LF	84.00	398.00	1,393.00	250.00	875.00	648.00	2,268.00	2,700.0	0.00	
6070230	15" Pipe Culvert (ADS HP Drainage Pipe)	44.2000	.00	LF	0.00	55.00	2,431.00	.00	0.00	55.00	2,431.00	0.0	0.00	
6070302	18" CONCRETE PIPE CULVERT CLASS III	47.0000	3423.00	LF	160,881.00	2369.60	111,371.20	.00	0.00	2369.60	111,371.20	69.2	0.00	
6070330	18" Pipe Culvert (ADS HP Drainage Pipe)	48.8000	.00	LF	0.00	998.94	48,748.27	.00	0.00	998.94	48,748.27	0.0	0.00	
6070502	24" CONCRETE PIPE CULVERT CLASS III	58.0000	625.00	LF	36,250.00	560.00	32,480.00	.00	0.00	560.00	32,480.00	89.6	0.00	
6070530	24" Pipe Culvert (ADS HP Drainage Pipe)	63.1400	.00	LF	0.00	41.00	2,588.74	.00	0.00	41.00	2,588.74	0.0	0.00	
6070602	30" CONCRETE PIPE CULVERT CLASS III	72.0000	169.00	LF	12,168.00	128.00	9,216.00	.00	0.00	128.00	9,216.00	75.7	0.00	
6070702	36" CONCRETE PIPE CULVERT CLASS III	92.0000	945.00	LF	86,940.00	696.00	64,032.00	.00	0.00	696.00	64,032.00	73.7	0.00	
6070802	42" CONCRETE PIPE CULVERT CLASS III	110.0000	2128.00	LF	234,080.00	1992.00	219,120.00	.00	0.00	1992.00	219,120.00	93.6	0.00	
6070902	48" CONCRETE PIPE CULVERT CLASS III	140.0000	324.00	LF	45,360.00	339.00	47,460.00	.00	0.00	339.00	47,460.00	104.6	0.00	
6075009	PRECAST CONCRETE BOX CULVERT 6' X 4'	450.0000	1100.00	LF	495,000.00	972.00	437,400.00	.00	0.00	972.00	437,400.00	88.4	0.00	
6110102	MANHOLE DEPTH 4' - 8' COMPLTE IN-PLACE	3,700.0000	2.00	EA	7,400.00	3.00	11,100.00	.00	0.00	3.00	11,100.00	150.0	0.00	
6110120	ADJUSTMENT OF EXISTING MANHOLE	580.0000	4.00	EA	2,320.00	3.00	1,740.00	.00	0.00	3.00	1,740.00	75.0	0.00	
6110123	ADJUSTMENT OF VALVE BOX	252.0000	10.00	EA	2,520.00	6.00	1,512.00	.00	0.00	6.00	1,512.00	60.0	0.00	
6110754	18" ENDWALL CROSS DRAIN 3:1	1,500.0000	1.00	EA	1,500.00	1.00	1,500.00	.00	0.00	1.00	1,500.00	100.0	0.00	
6110763	36" ENDWALL CROSS DRAIN 3:1	3,300.0000	1.00	EA	3,300.00	2.00	6,600.00	.00	0.00	2.00	6,600.00	200.0	0.00	
6111202	CATCH BASINS, TYPE 12, DEPTH 4' - 8'	5,000.0000	30.00	EA	150,000.00	29.00	145,000.00	.00	0.00	29.00	145,000.00	96.7	0.00	
6111203	CATCH BASINS, TYPE 12 DEPTH 8' - 12'	6,300.0000	8.00	EA	50,400.00	7.00	44,100.00	.00	0.00	7.00	44,100.00	87.5	0.00	
6111401	CATCH BASINS, TYPE 14 DEPTH 4' - 8'	7,700.0000	13.00	EA	100,100.00	12.00	92,400.00	.00	0.00	12.00	92,400.00	92.3	0.00	
6111402	CATCH BASINS, TYPE 14 DEPTH 8' - 12'	10,000.0000	9.00	EA	90,000.00	9.00	90,000.00	.00	0.00	9.00	90,000.00	100.0	0.00	
6113902	CATCH BASINS, TYPE 39 DEPTH 4' - 8'	5,200.0000	6.00	EA	31,200.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
6114201	CATCH BASINS, TYPE 42 DEPTH 0' - 4'	2,700.0000	35.00	EA	94,500.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
6119001	Catch Basins, Type 42A 24" ADS < 5'-10' Depth	2,701.7000	.000	EA	0.00	38.000	102,664.60	.000	0.00	38.000	102,664.60	0.0	0.00	

Application and Certificate For Payment -- page 4

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
6119002	Catch Basins Type 42A 24" ADS > 5'-10' Depth	2,839.7000		.00 EA	0.00	1.00	2,839.70	.00	0.00	1.00	2,839.70	0.0	0.00	
6119003	Catch Basins Type 42A 30" ADS < 5'-10' Depth	3,437.7000		.000 EA	0.00	1.000	3,437.70	.000	0.00	1.000	3,437.70	0.0	0.00	
7010107	EXPOSED AGGREGATE CONCRETE DRIVEWAY 6" THCKNESS	10.0000	921.00	SF	9,210.00	1595.00	15,950.00	.00	0.00	1595.00	15,950.00	173.2	0.00	
70102	CONCRETE DRIVEWAY 6" THICKNESS	7.5000	948.00	SF	7,110.00	1382.00	10,365.00	.00	0.00	1382.00	10,365.00	145.8	0.00	
7010203	CONCRETE CURB RAMP	7.5000	6482.00	SF	48,615.00	5256.00	39,420.00	.00	0.00	5256.00	39,420.00	81.1	0.00	
7020101	EXTRUDED MOUNTABLE CURB	12.0000	631.00	LF	7,572.00	1010.00	12,120.00	.00	0.00	1010.00	12,120.00	160.1	0.00	
7020102	CONCRETE CURB TYPE A	29.0000	280.00	LF	8,120.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
70203	CONCRETE COMBINED CURB & GUTTE	270.0000	566.00	CY	152,820.00	634.15	171,220.50	8.73	2,357.10	642.88	173,577.60	113.6	0.00	
7070811	HIGH-VISIBILITY CONST FENCE	1.5000	10560.00	LF	15,840.00	5787.00	8,680.50	.00	0.00	5787.00	8,680.50	54.8	0.00	
7080201	MARKERS (CONCRETE R.O.W. POST)	230.0000	24.00	EA	5,520.00	18.00	4,140.00	.00	0.00	18.00	4,140.00	75.0	0.00	
7090506	MACHINED RIP- RAP (CLASS A-1)	39.0000	23.00	TN	897.00	43.81	1,708.59	.00	0.00	43.81	1,708.59	190.5	0.00	
7090507	MACHINED RIP-RAP (CLASS A-2)	40.0000	10.00	TN	400.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
71002	AGGREGATE UNDERDRAINS (WITH PI	4.5000	11640.00	LF	52,380.00	10078.00	45,351.00	.00	0.00	10078.00	45,351.00	86.6	0.00	
71201	TRAFFIC CONTROL (UNIT PRICE BID INC INSTALLATION	0.0000	.00	LS	85,000.00	100.00 %	85,000.00	0.00 %	0.00	100.00 %	85,000.00	100.0	0.00	
7120202	INTERCONNECTED PORTABLE BARRIE RAIL	47.0000	6000.00	LF	282,000.00	4880.00	229,360.00	.00	0.00	4880.00	229,360.00	81.3	0.00	
7120401	FLEXIBLE DRUMS (CHANNELIZING)	37.0000	982.00	EA	36,334.00	230.00	8,510.00	.00	0.00	230.00	8,510.00	23.4	0.00	
7120410	TEMPORARY FLEXIBLE TUBULAR DELINEATOR 36" TO 42"	48.0000	536.00	EA	25,728.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7120450	PORTABLE BARRIER RAIL DELINEAT	40.0000	75.00	EA	3,000.00	117.00	4,680.00	.00	0.00	117.00	4,680.00	156.0	0.00	
7120501	WARNING LIGHTS (TYPE A)	47.2500	10.00	EA	472.50	118.00	5,575.50	.00	0.00	118.00	5,575.50	1,180.0	0.00	
71206	SIGNS (CONSTRUCTION)	6.5000	438.00	SF	2,847.00	1013.00	6,584.50	.00	0.00	1013.00	6,584.50	231.3	0.00	
7120601	VERTICAL PANELS	13.0000	.00	SF	0.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7120611	CONSTRUCTION ID SIGNS	260.0000	3.00	EA	780.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7120703	TEMPORARY BARRICADES (TYPE III	25.7500	200.00	LF	5,150.00	168.00	4,326.00	.00	0.00	168.00	4,326.00	84.0	0.00	
7120801	UNIFORMED POLICE OFFICER OR UTILITY INSPECTOR	40.0000	3000.00	HR	120,000.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7131102	PERFORATED/KNOCKOUT SQ TUBE PO	110.0000	437.00	LB	48,070.00	584.62	64,308.20	.00	0.00	584.62	64,308.20	133.8	0.00	
7131303	FLAT SHEET AL SIGNS	23.0000	229.00	SF	5,267.00	125.75	2,892.25	.00	0.00	125.75	2,892.25	54.9	0.00	
7131604	CHANGEABLE MESAGE SIGN UNIT	21,000.0000	2.00	EA	42,000.00	2.00	42,000.00	.00	0.00	2.00	42,000.00	100.0	0.00	
7160205	PLASTIC PAVEMENT MARKING STOP LINE	16.0000	224.00	LF	3,584.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7160206	PLASTIC PAVEMENT MARKING TURN LANE ARROW	160.0000	13.00	EA	2,080.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	

Application and Certificate For Payment -- page 5

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7160209	PLASTIC PAVEMENT MARKING LONGITUDINAL CROSS WALK	42.0000	382.00	LF	16,044.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7160401	PLASTIC PAVEMENT MARKING STRAIGHT-TURN ARROW	210.0000	2.00	EA	420.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7160405	PLASTIC PAVEMENT MARKING STRAIGHT ARROW	130.0000	4.00	EA	520.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7160415	PLASTIC PAVEMENT MARKING BIKE SYMBOL/ARROW	580.0000	8.00	EA	4,640.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7160501	PAINTED PAVEMENT MARKING 4" LINE, SSWL, SSSL, DSY	1,600.0000	6.86	LM	10,976.00	11.20	17,920.00	.00	0.00	11.20	17,920.00	163.3	0.00	
7160505	PAINTED PAVEMENT MARKING STOP LINE	6.5000	224.00	LF	1,456.00	303.00	1,969.50	.00	0.00	303.00	1,969.50	135.3	0.00	
7160520	PAINTED PAVEMENT MARKING 6" LINE	1,700.0000	1.00	LM	1,700.00	2.91	4,947.00	.00	0.00	2.91	4,947.00	291.0	0.00	
7161301	SPRAY THERMO PAVEMENT MARKING 60 MIL, 4" LINE	3,100.0000	5.07	LM	15,717.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7161302	SPRAY THERMO PAVEMENT MARKING 60 MIL, 6" LINE	3,600.0000	1.37	LM	4,932.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
71701	MOBILIZATION	0.0000	.00	LS	595,000.00	100.00 %	595,000.00	0.00 %	0.00	100.00 %	595,000.00	100.0	0.00	
7220102	FIELD OFFICE TYPE 2 ALLOWANCE	0.0000	.00	LS	25,000.00	100.00 %	25,000.00	0.00 %	0.00	100.00 %	25,000.00	100.0	0.00	
7401103	TEMPORARY SEDIMENT TUBE 18"	3.5000	2900.00	LF	10,150.00	9209.00	32,231.50	.00	0.00	9209.00	32,231.50	317.6	0.00	
7713028	TEMPORARY ASPHALT COLD MIX	3.0000	3472.00	SF	10,416.00	1913.73	5,741.19	.00	0.00	1913.73	5,741.19	55.1	0.00	
7931410	CORE DRILL CONCRETE STRUCTURES 6" TO 12" DIAMETER	160.0000	10.00	EA	1,600.00	17.00	2,720.00	.00	0.00	17.00	2,720.00	170.0	0.00	
8010107	TEMPORARY SEEDING (WITH MULCH)	22.0000	122.00	UNI	2,684.00	645.33	14,197.26	.00	0.00	645.33	14,197.26	529.0	0.00	
8010117	BONDED FIBER MATRIX HYDROMULCH	74.0000	122.00	UNI	9,028.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
80103	WATER (SEEDING & SODDING)	31.0000	284.00	MG	8,804.00	163.80	5,077.80	.00	0.00	163.80	5,077.80	57.7	0.00	
80301	SODDING-NEW SOD, INSTALLATION	2.5000	13578.00	SY	33,945.00	15650.00	39,125.00	.00	0.00	15650.00	39,125.00	115.3	0.00	
8051203	EROSION CONTROL BLANKET TYPE III	2.5000	5000.00	SY	12,500.00	8600.00	21,500.00	.00	0.00	8600.00	21,500.00	172.0	0.00	
Total ROADWAY ITEMS					5,833,601.58		4,855,266.08		19,529.52		4,874,795.60		0.00	
02 SIGNALIZATION														
2020156	Removal of Structures & Obstru EXISTING 36" PIPE HEADWALL	3,815.0000	1.00	EA	3,815.00	1.00	3,815.00	.00	0.00	1.00	3,815.00	100.0	0.00	
6110701	Class A Concrete (Pipe endwalls)	825.0000	3.03	CY	2,499.75	6.50	5,362.50	.00	0.00	6.50	5,362.50	214.5	0.00	
6110702	Steel Bar Reinforcement (PIPE ENDWALLS)	2.0000	261.00	LBS	522.00	380.00	760.00	.00	0.00	380.00	760.00	145.6	0.00	
6110703	Structural Steel (PIPE ENDWALLS)	4.7500	148.00	LBS	703.00	148.00	703.00	.00	0.00	148.00	703.00	100.0	0.00	
7129992	TRAFFIC CONTROL - SIGNALIZATION SCHOOL FLASHER	0.0000	.00	LS	3,790.00	0.00 %	0.00	100.00 %	3,790.00	100.00 %	3,790.00	100.0	0.00	
7131620	SIGNS OVERHEAD ST NAME SIGNS	3,000.0000	12.00	EA	36,000.00	7.00	21,000.00	3.00	9,000.00	10.00	30,000.00	83.3	0.00	
7131622	SIGNS R10-12, 24"X30"	270.0000	3.00	EA	810.00	2.00	540.00	1.00	270.00	3.00	810.00	100.0	0.00	

Application and Certificate For Payment -- page 6

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7131623	SIGNS SPEED LIMIT 20 MPH WHEN FLASHING 48"X36"	1,120.0000	2.00	EA	2,240.00	1.00	1,120.00	1.00	1,120.00	2.00	2,240.00	100.0	0.00	
7250206	VIDEO ENCODER	2,750.0000	1.00	EA	2,750.00	.00	0.00	1.00	2,750.00	1.00	2,750.00	100.0	0.00	
7250225	FIELD HUB SWITCH INSTALL ONLY	2,440.0000	4.00	EA	9,760.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7250380	CCTV CAMERA SYSTEM	4,840.0000	1.00	EA	4,840.00	.00	0.00	1.00	4,840.00	1.00	4,840.00	100.0	0.00	
7250501	MODEL 336A CABINET WITH CAMERA	5,710.0000	1.00	EA	5,710.00	.00	0.00	1.00	5,710.00	1.00	5,710.00	100.0	0.00	
7250506	FUSION SPLICE	560.0000	16.00	EA	8,960.00	24.00	13,440.00	6.00	3,360.00	30.00	16,800.00	187.5	0.00	
7251036	PRE-TERMINATED FIBER OPTIC CABLE ASSEMBLY	670.0000	6.00	EA	4,020.00	3.00	2,010.00	3.00	2,010.00	6.00	4,020.00	100.0	0.00	
7251064	FIBER OPTIC CABLE 12 COUNT SMFO	2.7000	5400.00	LF	14,580.00	5000.00	13,500.00	.00	0.00	5000.00	13,500.00	92.6	0.00	
7252054	CABLE 1/C #8 AWG	1.2000	120.00	LF	144.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7252055	CABLE 1/C #6 AWG INC 650 LF PARTICIPATING	1.4000	825.00	LF	1,155.00	3405.00	4,767.00	330.00	462.00	3735.00	5,229.00	452.7	0.00	
7300102	REMOVAL OF SIGNAL EQUIPMENT	0.0000	.00	LS	2,600.00	200.00 %	5,200.00	0.00 %	0.00	200.00 %	5,200.00	200.0	0.00	
7300209	SIGNAL HEAD ASSEMBLY 130 WITH BACKPLATE	1,000.0000	15.00	EA	15,000.00	15.00	15,000.00	.00	0.00	15.00	15,000.00	100.0	0.00	
7300217	SIGNAL HEAD ASSEMBLY 50 A2H WITH BACKPLATE	1,580.0000	3.00	EA	4,740.00	3.00	4,740.00	.00	0.00	3.00	4,740.00	100.0	0.00	
7300321	INSTALL PULL BOX TYPE B	470.0000	20.00	EA	9,400.00	17.00	7,990.00	.00	0.00	17.00	7,990.00	85.0	0.00	
7300323	INSTALL PULL BOX FIBER OPTIC TYPE A	1,480.0000	9.00	EA	13,320.00	6.00	8,880.00	.00	0.00	6.00	8,880.00	66.7	0.00	
7300324	INSTALL PULL BOX FIBER OPTIC TYPE B	1,630.0000	4.00	EA	6,520.00	4.00	6,520.00	.00	0.00	4.00	6,520.00	100.0	0.00	
7300325	INSTALL PULL BOX ELECTRICAL TYPE C	470.0000	2.00	EA	940.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300501	ELECTRICAL SERVICE CONNECTION	4,160.0000	5.00	EA	20,800.00	4.00	16,640.00	1.00	4,160.00	5.00	20,800.00	100.0	0.00	
7300801	SIGNAL CABLE-3 CONDUCTOR	1.1000	300.00	LF	330.00	2345.00	2,579.50	.00	0.00	2345.00	2,579.50	781.7	0.00	
7300802	SIGNAL CABLE-5 CONDUCTOR INCLUDES 125 LF PART	1.3000	825.00	LF	1,072.50	1615.00	2,099.50	.00	0.00	1615.00	2,099.50	195.8	0.00	
7300803	PAINTED PAVEMENT MARKING	1.5000	1900.00	LF	2,850.00	2490.00	3,735.00	.00	0.00	2490.00	3,735.00	131.1	0.00	
7300810	SIGNAL CABLE EMERGENCY PREEMPTION CABLE	3.1000	700.00	LF	2,170.00	880.00	2,728.00	.00	0.00	880.00	2,728.00	125.7	0.00	
7301201	CONDUIT 1" DIAMETER PVC	9.5000	70.00	LF	665.00	440.00	4,180.00	.00	0.00	440.00	4,180.00	628.6	0.00	
7301202	CONDUIT 2" DIAMETER PVC INCLUDES 200 LF PARTIC	9.9000	1260.00	LF	12,474.00	1550.00	15,345.00	.00	0.00	1550.00	15,345.00	123.0	0.00	
7301203	CONDUIT 3" DIAMETER PVC	11.2500	990.00	LF	11,137.50	1090.00	12,262.50	.00	0.00	1090.00	12,262.50	110.1	0.00	
7301214	Conduit, 3-inch (Jack & Bore)	45.0000	.000	LF	0.00	1330.000	59,850.00	.000	0.00	1330.000	59,850.00	0.0	0.00	
7301220	Decorative Traffic Signal Base	2,410.0000	.00	EA	0.00	10.00	24,100.00	.00	0.00	10.00	24,100.00	0.0	0.00	
7301303	VEHICLE DETECTOR 4-CHANNEL RACK MOUNT	500.0000	6.00	EA	3,000.00	6.00	3,000.00	.00	0.00	6.00	3,000.00	100.0	0.00	
7301306	VEHICLE DETECTOR OPTICALLY ACTIVATED PRIORITY CON	2,450.0000	4.00	EA	9,800.00	4.00	9,800.00	.00	0.00	4.00	9,800.00	100.0	0.00	
7301308	VEHICLE DETECTOR RADIO/GPS ACTIVATED PRIORITY CON	5,610.0000	2.00	EA	11,220.00	2.00	11,220.00	.00	0.00	2.00	11,220.00	100.0	0.00	

Application and Certificate For Payment -- page 7

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7301401	SHIELDED DETECTOR CABLE	1.1000	3200.00	LF	3,520.00	4315.00	4,746.50	.00	0.00	4315.00	4,746.50	134.8	0.00	
7301402	SAW SLOT	4.1000	1900.00	LF	7,790.00	1542.00	6,322.20	.00	0.00	1542.00	6,322.20	81.2	0.00	
7301403	LOOP WIRE	0.7500	3400.00	LF	2,550.00	3354.00	2,515.50	.00	0.00	3354.00	2,515.50	98.6	0.00	
7301507	CABINET FLASHING BEACON FOR SCHOOL FLASHER INSTAL	1,160.0000	2.00	EA	2,320.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7301511	MODIFY CABINET FO COMMUNICATIO	820.0000	1.00	EA	820.00	.00	0.00	1.00	820.00	1.00	820.00	100.0	0.00	
7301532	CABINET 8 PH BASE MOUNTED	26,410.0000	2.00	EA	52,820.00	2.00	52,820.00	.00	0.00	2.00	52,820.00	100.0	0.00	
7301602	8 PHASE ACTUATED CONTROLLER	4,100.0000	2.00	EA	8,200.00	2.00	8,200.00	.00	0.00	2.00	8,200.00	100.0	0.00	
7301603	CONTROLLER FLASHING BEACON FOR SCHOOL FLASHER IN	1,160.0000	2.00	EA	2,320.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7302236	CCTV POLE 50' POLE HEIGHT LOWERING DEVICE	18,350.0000	1.00	EA	18,350.00	1.00	18,350.00	.00	0.00	1.00	18,350.00	100.0	0.00	
7302330	PEDESTAL POLE STANDARD	1,460.0000	7.00	EA	10,220.00	4.00	5,840.00	1.00	1,460.00	5.00	7,300.00	71.4	0.00	
7302336	CANTILEVER SIGNAL SUPPORT 1 ARM @ 30'	10,840.0000	1.00	EA	10,840.00	1.00	10,840.00	.00	0.00	1.00	10,840.00	100.0	0.00	
7302337	CANTILEVER SIGNAL SUPPORT 1 ARM @ 35'	11,880.0000	2.00	EA	23,760.00	2.00	23,760.00	.00	0.00	2.00	23,760.00	100.0	0.00	
7302339	CANTILEVER SIGNAL SUPPORT 1 ARM @ 45'	12,620.0000	2.00	EA	25,240.00	2.00	25,240.00	.00	0.00	2.00	25,240.00	100.0	0.00	
7302364	CANTILVER SIGNAL SUPPORT 1 ARM @ 30' FOR SCHOOL	10,840.0000	2.00	EA	21,680.00	1.00	10,840.00	1.00	10,840.00	2.00	21,680.00	100.0	0.00	
7302397	CANTILEVER SIGNAL SUPPORT 1 ARM @ 50'	12,910.0000	1.00	EA	12,910.00	1.00	12,910.00	.00	0.00	1.00	12,910.00	100.0	0.00	
7302398	CANTILEVER SIGNAL SUPPORT 1 ARM @ 55'	14,920.0000	1.00	EA	14,920.00	1.00	14,920.00	.00	0.00	1.00	14,920.00	100.0	0.00	
7302399	CANTILEVER SIGNAL SUPPORT 1 ARM @ 60'	17,340.0000	1.00	EA	17,340.00	1.00	17,340.00	.00	0.00	1.00	17,340.00	100.0	0.00	
7302602	PEDESTRIAN PUSHBUTTON WITH 15" SIGN	310.0000	12.00	EA	3,720.00	3.00	930.00	11.00	3,410.00	14.00	4,340.00	116.7	0.00	
7302605	COUNTDOWN PEDESTRIAN SIGNAL	630.0000	12.00	EA	7,560.00	11.00	6,930.00	3.00	1,890.00	14.00	8,820.00	116.7	0.00	
9201004	PEDESTRIAN PUSHBUTTON POST STANDARD	840.0000	1.00	EA	840.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
9201006	TEMPORARY TRAFFIC SIGNAL POLES	0.0000	.00	LS	4,370.00	200.00 %	8,740.00	0.00 %	0.00	200.00 %	8,740.00	200.0	0.00	
9201204	ETHERNET/FIBER CONVERTER	970.0000	6.00	EA	5,820.00	3.00	2,910.00	1.00	970.00	4.00	3,880.00	66.7	0.00	
Total SIGNALIZATION					488,247.75		517,041.20		56,862.00		573,903.20		0.00	
03 STREETScape & ELECTRICAL														
2020157	RM STRUCTURES & OBSTRUCTIONS	0.0000	.00	LS	25,000.00	100.00 %	25,000.00	0.00 %	0.00	100.00 %	25,000.00	100.0	0.00	
2030401	PLACING & SPREADING SOIL FOR LANDSCAPING	60.0000	146.00	CY	8,760.00	146.00	8,760.00	.00	0.00	146.00	8,760.00	100.0	0.00	
300515	MODIFY EX. ELEC. CONNECTION	3,510.0000	1.00	EA	3,510.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7010102	CONCRETE SIDEWALK 6"	6.0000	23025.00	SF	138,150.00	30527.00	183,162.00	250.00	1,500.00	30777.00	184,662.00	133.7	0.00	
7010110	CONCRETE SIDEWALK 8"	7.5000	6768.00	SF	50,760.00	5435.00	40,762.50	.00	0.00	5435.00	40,762.50	80.3	0.00	

Application and Certificate For Payment -- page 8

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7131621	SIGNS GATEWAY SIGNS	0.0000		.00 LS	160,000.00	100.00 %	160,000.00	0.00 %	0.00	100.00 %	160,000.00	100.0	0.00	
7131622	SIGNS STREETScape ADD-ONS	0.0000		.00 LS	4,000.00	0.00 %	0.00	0.00 %	0.00	0.00 %	0.00	0.0	0.00	
7131651	RM AND REPLACE SIGN RELOCATION OF SIGNS AT RE	0.0000		.00 LS	18,000.00	0.00 %	0.00	0.00 %	0.00	0.00 %	0.00	0.0	0.00	
7131652	RM AND REPLACE SIGN RELOCATION OF SIGN AT CHE	0.0000		.00 LS	18,000.00	100.00 %	18,000.00	0.00 %	0.00	100.00 %	18,000.00	100.0	0.00	
7131653	NEW SIGN AT ORLEANS EST	0.0000		.00 LS	29,000.00	100.00 %	29,000.00	0.00 %	0.00	100.00 %	29,000.00	100.0	0.00	
71403	Jacked or Bored Cond. (2-inch)	36.0000	820.000	LF	29,520.00	680.000	24,480.00	.000	0.00	680.000	24,480.00	82.9	0.00	
7140301	DIRECT BURIAL CONDUIT 2" PVC SCHEDULE 40	3.8000	7609.00	LF	28,914.20	10580.00	40,204.00	.00	0.00	10580.00	40,204.00	139.0	0.00	
7140302	DIRECT BURIAL CONDUIT 3" PVC SCHEDULE 40	4.6000	8636.00	LF	39,725.60	9750.00	44,850.00	.00	0.00	9750.00	44,850.00	112.9	0.00	
7140304	DIRECT BURIAL CONDUIT 3/4 " PVC SCHEDULE 40	3.2000	253.00	LF	809.60	140.00	448.00	90.00	288.00	230.00	736.00	90.9	0.00	
7140315	TRENCH & BACKFILL IN STREET	45.0000	571.00	LF	25,695.00	640.00	28,800.00	.00	0.00	640.00	28,800.00	112.1	0.00	
7140316	TRENCH & BACKFILL SIDEWALK	7.0000	7969.00	LF	55,783.00	10040.00	70,280.00	.00	0.00	10040.00	70,280.00	126.0	0.00	
7140317	TRENCH & BACKFILL IN ASPHALT AND LAWN AREAS	45.0000	58.00	LF	2,610.00	157.00	7,065.00	150.00	6,750.00	307.00	13,815.00	529.3	0.00	
7140405	INNERDUCT, 1" CORRUGATED HDPE WITH PULL STRING	1.1000	17780.00	LF	19,558.00	19206.00	21,126.60	.00	0.00	19206.00	21,126.60	108.0	0.00	
7140509	PULLBOX 24"L X 13"W X 18"D ELECTRIC LOGO	470.0000	2.00	EA	940.00	8.00	3,760.00	.00	0.00	8.00	3,760.00	400.0	0.00	
7140510	JUNCTION BOX 6" X 6" X 6" DEEP	700.0000	4.00	EA	2,800.00	3.00	2,100.00	.00	0.00	3.00	2,100.00	75.0	0.00	
7140512	FIBER OPTIC PULLBOX TYPE A 36"L X 26"W X 32"D	1,480.0000	8.00	EA	11,840.00	10.00	14,800.00	.00	0.00	10.00	14,800.00	125.0	0.00	
7140513	FIBER OPTIC PULLBOX TYPE B 49"L X 32"W X 36"D	1,630.0000	3.00	EA	4,890.00	2.00	3,260.00	.00	0.00	2.00	3,260.00	66.7	0.00	
7140514	TRAFFIC SIGNAL MANHOLE 4'0" SQUARE X 4'0" DEEP	7,880.0000	1.00	EA	7,880.00	1.00	7,880.00	.00	0.00	1.00	7,880.00	100.0	0.00	
7140602	CABLE 1/C # 12 AWG	0.9500	96.00	LF	91.20	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7140603	CABLE 1/C # 10 AWG	1.0000	3839.00	LF	3,839.00	6460.00	6,460.00	90.00	90.00	6550.00	6,550.00	170.6	0.00	
7140604	CABLE 1/C #8 AWG	1.2000	23473.00	LF	28,167.60	31230.00	37,476.00	.00	0.00	31230.00	37,476.00	133.0	0.00	
7140606	CABLE 1/C #4 AWG	1.7000	18378.00	LF	31,242.60	31560.00	53,652.00	.00	0.00	31560.00	53,652.00	171.7	0.00	
7140608	CABLE 1/C #3/0 AWG	4.5000	458.00	LF	2,061.00	1530.00	6,885.00	.00	0.00	1530.00	6,885.00	334.1	0.00	
7140609	TRACER WIRE #14 AWG SOLID	0.7500	8485.00	LF	6,363.75	9593.00	7,194.75	400.00	300.00	9993.00	7,494.75	117.8	0.00	
7140809	LIGHT POLE MATERIAL ONLY FIXTURE TYPE A (LED)	8,740.0000	55.00	EA	480,700.00	55.00	480,700.00	.00	0.00	55.00	480,700.00	100.0	0.00	
7140810	LIGHT POLE MATERIAL ONLY FIXTURE TYPE B (LED)	8,780.0000	3.00	EA	26,340.00	3.00	26,340.00	.00	0.00	3.00	26,340.00	100.0	0.00	
7140814	175 WATT PULSE START METAL HALIDE SPARE LAMP	34.5000	10.00	EA	345.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7140815	175 WATT PULSE START METAL HALIDE SPARE BALLAST	160.0000	10.00	EA	1,600.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7140820	LIGHT POLE FOUNDATION FIXTURES TYPES A & B	1,700.0000	58.00	EA	98,600.00	58.00	98,600.00	.00	0.00	58.00	98,600.00	100.0	0.00	
7140821	LIGHT POLE INSTALLATION FIXTURES TYPES A & B	800.0000	58.00	EA	46,400.00	58.00	46,400.00	.00	0.00	58.00	46,400.00	100.0	0.00	

Application and Certificate For Payment -- page 9

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7140909	GRADE LEVEL SIGN LIGHTING FIXT	1,210.0000	4.00	EA	4,840.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7140910	GRADE LEVEL ENTRANCE WALL LIGHTING FIXTURE	1,210.0000	8.00	EA	9,680.00	4.00	4,840.00	4.00	4,840.00	8.00	9,680.00	100.0	0.00	
7141209	LIGHTING CONTROL PANEL 200AMP	13,610.0000	3.00	EA	40,830.00	3.00	40,830.00	.00	0.00	3.00	40,830.00	100.0	0.00	
7142522	CONDUIT RISER POLE STUB-UP	190.0000	1.00	EA	190.00	1.00	190.00	.00	0.00	1.00	190.00	100.0	0.00	
7142530	ELECTRICAL SIGN SERVICE DEMOLI	350.0000	1.00	EA	350.00	3.00	1,050.00	.00	0.00	3.00	1,050.00	300.0	0.00	
7161030	DETECABLE WARNING MAT ADA COMPLIANT	65.0000	140.00	SF	9,100.00	254.00	16,510.00	.00	0.00	254.00	16,510.00	181.4	0.00	
7210104	IRRIGATION SYSTEM	0.0000	.00	LS	9,000.00	90.00 %	8,100.00	0.00 %	0.00	90.00 %	8,100.00	90.0	0.00	
7300504	MODIFY EX. ELEC. CONNECTION	2,390.0000	5.00	EA	11,950.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300505	MODIFY EX. ELEC. CONNECTION	2,390.0000	4.00		9,560.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300506	MODIFY EX. ELEC. CONNECTION	2,390.0000	4.00	EA	9,560.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300507	MODIFY EX. ELEC. CONNECTION	2,540.0000	1.00	EA	2,540.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300508	MODIFY EX. ELEC. CONNECTION	2,380.0000	6.00	EA	14,280.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300509	MODIFY EX. ELEC. CONNECTION	2,390.0000	2.00	EA	4,780.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300510	MODIFY EX. ELEC. CONNECTION	3,080.0000	1.00	EA	3,080.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300511	MODIFY EX. ELEC. CONNECTION	3,340.0000	3.00	EA	10,020.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300512	MODIFY EX. ELEC. CONNECTION	2,830.0000	1.00	EA	2,830.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300513	MODIFY EX. ELEC. CONNECTION	2,390.0000	1.00	EA	2,390.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300514	MODIFY EX. ELEC. CONNECTION	7,500.0000	1.00	EA	7,500.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300516	MODIFY EX. ELEC. CONNECTION	3,100.0000	1.00	EA	3,100.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300517	MODIFY EX. ELEC. CONNECTION	2,360.0000	1.00	EA	2,360.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300518	MODIFY EX. ELEC. CONNECTION	1,950.0000	1.00	EA	1,950.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300519	MODIFY EX. ELEC. CONNECTION	2,470.0000	1.00	EA	2,470.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300520	MODIFY EX. ELEC. CONNECTION	2,400.0000	1.00	EA	2,400.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300521	MODIFY EX. ELEC. CONNECTION	3,620.0000	1.00	EA	3,620.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300522	MODIFY EX. ELEC. CONNECTION	3,860.0000	1.00	EA	3,860.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300523	MODIFY EX. ELEC. CONNECTION	4,160.0000	1.00	EA	4,160.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300524	MODIFY EX. ELEC. CONNECTION	2,680.0000	1.00	EA	2,680.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7300525	MODIFY EX. ELEC. CONNECTION	7,730.0000	1.00	EA	7,730.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7301213	Conduit, 2" (Jack & Bore)	36.0000	100.00	LF	3,600.00	580.00	20,880.00	.00	0.00	580.00	20,880.00	580.0	0.00	
7301214	Conduit, 3-inch (Jack & Bore)	45.0000	1170.000	LF	52,650.00	820.000	36,900.00	.000	0.00	820.000	36,900.00	70.1	0.00	
7301215	Conduit - 4" Diameter (Jack & Bore)	49.3000	112.00	LF	5,521.60	1280.00	63,104.00	.00	0.00	1280.00	63,104.00	1,142.9	0.00	
7904208	DIRECT BURIAL CONDUIT 2"PVC SCHEDULE 40	2.6000	24408.00	LF	63,460.80	33615.00	87,399.00	.00	0.00	33615.00	87,399.00	137.7	0.00	

Application and Certificate For Payment -- page 10

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7904209	DIRECT BURIAL CONDUIT 3" PVC SCHEDULE 40	3.4000	20897.00	LF	71,049.80	24950.00	84,830.00	.00	0.00	24950.00	84,830.00	119.4	0.00	
7904210	DIRECT BURIAL CONDUIT 4" PVC SCHEDULE 40	4.1000	17210.00	LF	70,561.00	17550.00	71,955.00	.00	0.00	17550.00	71,955.00	102.0	0.00	
7904213	ENCASED CONDUIT 2-4"PVC SCH 40	33.0000	1906.00	LF	62,898.00	3090.00	101,970.00	.00	0.00	3090.00	101,970.00	162.1	0.00	
7904214	ENCASED CONDUIT 3-4"PVC SCH 40	35.5000	137.00	LF	4,863.50	20.00	710.00	.00	0.00	20.00	710.00	14.6	0.00	
7904215	ENCASED CONDUIT 4-4"PVC SCH 40	38.0000	230.00	LF	8,740.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7904216	SIGNAL CABLE-7 CONDUCTOR	41.0000	92.00	LF	3,772.00	150.00	6,150.00	.00	0.00	150.00	6,150.00	163.0	0.00	
7904218	ENCASED CONDUIT 2-6"PVC SCH 40	41.0000	491.00	LF	20,131.00	80.00	3,280.00	.00	0.00	80.00	3,280.00	16.3	0.00	
7904219	ENCASED CONDUIT 4-6"PVC SCH 40	57.0000	3976.00	LF	226,632.00	4690.00	267,330.00	.00	0.00	4690.00	267,330.00	118.0	0.00	
7904221	MTEMC RISER POLE CONDUIT 1-2"	17.0000	60.00	LF	1,020.00	40.00	680.00	.00	0.00	40.00	680.00	66.7	0.00	
7904222	MTEMC RISER POLE CONDUIT 1-3"	23.0000	67.00	LF	1,541.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7904223	MTEMC RISER POLE CONDUIT 1-4"	26.0000	173.00	LF	4,498.00	40.00	1,040.00	.00	0.00	40.00	1,040.00	23.1	0.00	
7904224	MTEMC ENCASED PRIMARY RISER POLE CONDUIT 2-6"	82.0000	221.00	LF	18,122.00	60.00	4,920.00	.00	0.00	60.00	4,920.00	27.1	0.00	
7904227	RISER POLE CONDUIT STUB-UP-2" CONDUIT	210.0000	8.00	EA	1,680.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7904228	RISER POLE CONDUIT STUB-UP 3" CONDUIT	220.0000	1.00	EA	220.00	3.00	660.00	.00	0.00	3.00	660.00	300.0	0.00	
7904229	RISER POLE CONDUIT STUB-UP-4" CONDUIT	270.0000	4.00	EA	1,080.00	1.00	270.00	.00	0.00	1.00	270.00	25.0	0.00	
7904230	CATV PEDESTAL MAKE READY	370.0000	40.00	EA	14,800.00	55.00	20,350.00	.00	0.00	55.00	20,350.00	137.5	0.00	
7904231	TELEPHONE PEDESTAL MAKE READY	370.0000	46.00	EA	17,020.00	57.00	21,090.00	.00	0.00	57.00	21,090.00	123.9	0.00	
7904241	TRENCH TYPE A	61.0000	3973.00	LF	242,353.00	4950.00	301,950.00	.00	0.00	4950.00	301,950.00	124.6	0.00	
7904242	TRENCH TYPE B	57.0000	833.00	LF	47,481.00	1770.00	100,890.00	.00	0.00	1770.00	100,890.00	212.5	0.00	
7904243	TRENCH TYPE C	41.0000	-302.00	LF	-12,382.00	610.00	25,010.00	.00	0.00	610.00	25,010.00	-202.0	0.00	
7904244	TRENCH TYPE D	46.5000	8789.00	LF	408,688.50	4090.00	190,185.00	.00	0.00	4090.00	190,185.00	46.5	0.00	
7904245	TRENCH TYPE S	12.5000	4380.00	LF	54,750.00	5445.00	68,062.50	.00	0.00	5445.00	68,062.50	124.3	0.00	
7904346	PULL BOX, 36"Lx24"Wx18"D MTEMC ELECTRIC LOGO	1,460.0000	19.00	EA	27,740.00	25.00	36,500.00	.00	0.00	25.00	36,500.00	131.6	0.00	
7904347	PULL BOX, 48"LX30"WX36"D MTEMC ELECTRIC LOGO	1,750.0000	5.00	EA	8,750.00	7.00	12,250.00	.00	0.00	7.00	12,250.00	140.0	0.00	
7904350	PULL BOX, 48"LX30"WX18"D CATV COMCAST LOGO	1,750.0000	15.00	EA	26,250.00	12.00	21,000.00	.00	0.00	12.00	21,000.00	80.0	0.00	
7904351	PULL BOX, 60"LX36"WX18"D TELEPHONE AT&T LOGO	1,750.0000	4.00	EA	7,000.00	18.00	31,500.00	.00	0.00	18.00	31,500.00	450.0	0.00	
7904352	PRECAST CONCRETE MANHOLE 12"0"L X 6"0"W X 7"1"D	15,870.0000	12.00	EA	190,440.00	12.00	190,440.00	.00	0.00	12.00	190,440.00	100.0	0.00	
7905003	BOX PAD FOUNDATION "BP-1" FOR MTEMC SINGLE PHASE	1,260.0000	27.00	EA	34,020.00	27.00	34,020.00	.00	0.00	27.00	34,020.00	100.0	0.00	
7905106	PRECAST CONCRETE PAD NO 1 FOR MTEMC THREE PHASE	2,220.0000	1.00	EA	2,220.00	1.00	2,220.00	.00	0.00	1.00	2,220.00	100.0	0.00	

Application and Certificate For Payment -- page 11

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7905107	PRECAST CONCRETE BOX PAD FOR MTEMC THREE PHASE	2,520.0000	10.00	EA	25,200.00	10.00	25,200.00	.00	0.00	10.00	25,200.00	100.0	0.00	
7905108	PRECAST CONCRETE PAD NO 10" FOR MTEMC VISTA SW	2,640.0000	3.00	EA	7,920.00	3.00	7,920.00	.00	0.00	3.00	7,920.00	100.0	0.00	
7950901	3/4 WATER SERVICE METER ASSEMB	10,000.0000	1.00	EA	10,000.00	.00	0.00	1.00	10,000.00	1.00	10,000.00	100.0	0.00	
7980402	Directional Bore, 2in/flx slv	36.0000	580.000	LF	20,880.00	100.000	3,600.00	.000	0.00	100.000	3,600.00	17.2	0.00	
7980403	Directional Bore, 3in/flx slv	45.0000	580.000	LF	26,100.00	400.000	18,000.00	.000	0.00	400.000	18,000.00	69.0	0.00	
8020110	TREE ACER RUBRUM 'RED SUNSET'	370.0000	21.00	EA	7,770.00	21.00	7,770.00	.00	0.00	21.00	7,770.00	100.0	0.00	
8020111	TREE ACER SACCHARUM LEGACY	370.0000	36.00	EA	13,320.00	36.00	13,320.00	.00	0.00	36.00	13,320.00	100.0	0.00	
8020112	TREE NYSSA SYLVATICA	720.0000	15.00	EA	10,800.00	15.00	10,800.00	.00	0.00	15.00	10,800.00	100.0	0.00	
8020113	TREE QUERCUS PHELLOS	390.0000	49.00	EA	19,110.00	49.00	19,110.00	.00	0.00	49.00	19,110.00	100.0	0.00	
8020114	TREE ULMUS PARVIFOLIA ALLEE	370.0000	11.00	EA	4,070.00	11.00	4,070.00	.00	0.00	11.00	4,070.00	100.0	0.00	
8020115	TREE ZELKOVA SERRATA VILLAGE GREEN	400.0000	18.00	EA	7,200.00	18.00	7,200.00	.00	0.00	18.00	7,200.00	100.0	0.00	
8020116	TREE PINUS STROBUS	230.0000	18.00	EA	4,140.00	18.00	4,140.00	.00	0.00	18.00	4,140.00	100.0	0.00	
8020314	SHRUB ITEA VIRGINICA LITTLE HENRY	38.0000	273.00	EA	10,374.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
8020315	SHRUB ROSA KNOCKOUT	37.0000	31.00	EA	1,147.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
8020492	GROUND COVER HEMEROCALLIS FRANKLY SCARLET	10.0000	51.00	EA	510.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
8020493	GROUND COVER HEMEROCALLIS LEEBA ORANGE CRUSH	13.0000	626.00	EA	8,138.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
8020494	GROUND COVER HEMEROCALLIS STAR STRUCK	10.0000	585.00	EA	5,850.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
8020495	GROUND COVER URIOPE MUSCAR BIG BLUE	7.0000	599.00	EA	4,193.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
8020701	FLOWER NARCISSUS CARLTN	1.0000	1005.00	EA	1,005.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
8020702	FLOWER NARCISSUS STAINLESS	1.0000	800.00	EA	800.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
Total STREETScape & ELECTRICAL					3,478,403.75		3,497,641.35		23,768.00		3,521,409.35		0.00	
04 WATER & SEWER														
3031001	MINERAL AGGREGATE (SIZE 57)	22.0000	75.00	TN	1,650.00	88.04	1,936.88	.00	0.00	88.04	1,936.88	117.4	0.00	
7950103	6" DIP RESTRAINED JOINT WATER LINE	84.0000	285.00	LF	23,940.00	379.50	31,878.00	.00	0.00	379.50	31,878.00	133.2	0.00	
7950104	6" DIP SLIP JOINT WATER LINE	81.0000	1175.00	LF	95,175.00	1140.00	92,340.00	.00	0.00	1140.00	92,340.00	97.0	0.00	
7950105	8" DIP RESTRAINED JOINT WATER LINE	91.0000	230.00	LF	20,930.00	794.00	72,254.00	.00	0.00	794.00	72,254.00	345.2	0.00	
7950109	12" DIP RESTRAINED JOINT WATER LINE	150.0000	65.00	LF	9,750.00	211.00	31,650.00	.00	0.00	211.00	31,650.00	324.6	0.00	
7950115	18" DIP RESTRAINED JOINT WATER LINE	160.0000	1250.00	LF	200,000.00	1057.00	169,120.00	.00	0.00	1057.00	169,120.00	84.6	0.00	
7950116	18" DIP SLIP JOINT WATER LINE	140.0000	1610.00	LF	225,400.00	2692.00	376,880.00	.00	0.00	2692.00	376,880.00	167.2	0.00	

Application and Certificate For Payment -- page 12

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7950514	HDD 1.25 INCH HDPE CASING PIPE UNCON	34.0000	700.00	LF	23,800.00	600.00	20,400.00	.00	0.00	600.00	20,400.00	85.7	0.00	
7950603	CONNECT TO 4" WATER LINE	1,500.0000	1.00	EA	1,500.00	1.00	1,500.00	.00	0.00	1.00	1,500.00	100.0	0.00	
7950604	CONNECT TO 6" WATER LINE	1,500.0000	4.00	EA	6,000.00	3.00	4,500.00	.00	0.00	3.00	4,500.00	75.0	0.00	
7950605	CONNECT TO 8" WATER LINE	1,500.0000	3.00	EA	4,500.00	2.00	3,000.00	.00	0.00	2.00	3,000.00	66.7	0.00	
7950607	CONNECT TO 12" WATER LINE	2,600.0000	2.00	EA	5,200.00	2.00	5,200.00	.00	0.00	2.00	5,200.00	100.0	0.00	
7950610	CONNECT TO 18" WATER LINE	1,500.0000	1.00	EA	1,500.00	1.00	1,500.00	.00	0.00	1.00	1,500.00	100.0	0.00	
7950630	CUP/CAP EXISTING LINES ALL SIZES	690.0000	3.00	EA	2,070.00	5.00	3,450.00	.00	0.00	5.00	3,450.00	166.7	0.00	
7950633	CUT/CAP 6" WATER LINES	690.0000	3.00	EA	2,070.00	6.00	4,140.00	.00	0.00	6.00	4,140.00	200.0	0.00	
7950634	CUT/CAP 8" WATER LINES	690.0000	2.00	EA	1,380.00	3.00	2,070.00	.00	0.00	3.00	2,070.00	150.0	0.00	
7950804	6" GATE VALVE ASSEMBLY	1,500.0000	8.00	EA	12,000.00	6.00	9,000.00	.00	0.00	6.00	9,000.00	75.0	0.00	
7950805	8" GATE VALVE ASSEMBLY	1,900.0000	3.00	EA	5,700.00	6.00	11,400.00	.00	0.00	6.00	11,400.00	200.0	0.00	
7950808	12" BUTTERFLY VALVE ASSEMBLY	3,100.0000	2.00	EA	6,200.00	2.00	6,200.00	.00	0.00	2.00	6,200.00	100.0	0.00	
7950809	12" GATE VALVE ASSEMBLY	3,200.0000	1.00	EA	3,200.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7950815	18" BUTTERFLY VALVE ASSEMBLY	5,500.0000	4.00	EA	22,000.00	6.00	33,000.00	.00	0.00	6.00	33,000.00	150.0	0.00	
7950901	3/4" WATER SERVICE METER ASSEMBLY	1,000.0000	29.00	EA	29,000.00	41.00	41,000.00	.00	0.00	41.00	41,000.00	141.4	0.00	
7950906	4" WATER SERVICE METER ASSEMBLY VAULT	16,000.0000	1.00	EA	16,000.00	1.00	16,000.00	.00	0.00	1.00	16,000.00	100.0	0.00	
7950907	6" WATER SERVICE METER ASSEMBLY VAULT	20,000.0000	2.00	EA	40,000.00	2.00	40,000.00	.00	0.00	2.00	40,000.00	100.0	0.00	
7950909	RELOCATE/RECONNECT SERVICE ASS	100.0000	29.00	EA	2,900.00	44.00	4,400.00	.00	0.00	44.00	4,400.00	151.7	0.00	
7950928	3/4" COPPER SERVICE PIPE	5.5000	940.00	LF	5,170.00	890.00	4,895.00	.00	0.00	890.00	4,895.00	94.7	0.00	
7950930	3/4" PEX SERVICE PIPE	3.0000	425.00	LF	1,275.00	535.00	1,605.00	.00	0.00	535.00	1,605.00	125.9	0.00	
7951102	FIRE HYDRANT ASSEMBLY	2,800.0000	6.00	EA	16,800.00	11.00	30,800.00	.00	0.00	11.00	30,800.00	183.3	0.00	
7951103	RECONNECT FIRE HYDRANT	460.0000	1.00	EA	460.00	1.00	460.00	.00	0.00	1.00	460.00	100.0	0.00	
7951105	FIRE PROTECTION METER 8" WITH VAULT	26,000.0000	1.00	EA	26,000.00	1.00	26,000.00	.00	0.00	1.00	26,000.00	100.0	0.00	
7951201	REMOVE FIRE HYDRANT	230.0000	4.00	EA	920.00	8.00	1,840.00	.00	0.00	8.00	1,840.00	200.0	0.00	
7951202	REMOVAL OF EXISTING LINE	0.0000	.00	LS	10,000.00	100.00 %	10,000.00	0.00 %	0.00	100.00 %	10,000.00	100.0	0.00	
7951301	DI FITTINGS	7.0000	27780.00	LBS	194,460.00	21182.00	148,274.00	.00	0.00	21182.00	148,274.00	76.2	0.00	
7951402	CLASS B CONCRETE	150.0000	75.00	CY	11,250.00	22.50	3,375.00	.00	0.00	22.50	3,375.00	30.0	0.00	
7951405	CONCRETE ENCASMENT/CAP	36.0000	160.00	LF	5,760.00	188.00	6,768.00	.00	0.00	188.00	6,768.00	117.5	0.00	
7951408	RESTORE ASPHALT	90.0000	175.00	SY	15,750.00	75.10	6,759.00	.00	0.00	75.10	6,759.00	42.9	0.00	
7951409	RESTORE CONCRETE	110.0000	45.00	SY	4,950.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7951502	12" STEEL CASING PIPE OPEN CUT METHOD	90.0000	80.00	LF	7,200.00	20.00	1,800.00	.00	0.00	20.00	1,800.00	25.0	0.00	

Application and Certificate For Payment -- page 13

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7951525	16" STEEL CASING PIPE OPEN CUT METHOD	96.0000	85.00	LF	8,160.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7951526	1 1/2" STEEL CASING PIPE OPEN CUT METHOD	17.0000	.00	LF	0.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7955010	Add Work - DDCV w/ FDC Assembl	0.0000	.000	LS	0.00	0.00 %	30,056.25	0.00 %	0.00	0.00 %	30,056.25	0.0	0.00	
7970551	8" PVC GRAVITY SEWER 0'-6" DEPT	54.0000	2245.00	LF	121,230.00	1486.87	80,290.98	.00	0.00	1486.87	80,290.98	66.2	0.00	
7970552	8" PVC GRAVITY SEWER 6'-12' DEPTH	66.0000	4310.00	LF	284,460.00	5089.20	335,887.20	.00	0.00	5089.20	335,887.20	118.1	0.00	
7970702	48" MANHOLE 4'-6" DEPTH	2,200.0000	3.00	EA	6,600.00	3.00	6,600.00	.00	0.00	3.00	6,600.00	100.0	0.00	
7970703	48" MANHOLE 6'-8" DEPTH	2,900.0000	19.00	EA	55,100.00	17.00	49,300.00	.00	0.00	17.00	49,300.00	89.5	0.00	
7970704	48" MANHOLE 8'-10" DEPTH	3,900.0000	3.00	EA	11,700.00	4.00	15,600.00	.00	0.00	4.00	15,600.00	133.3	0.00	
7970705	48" MANHOLE 10'-12' DEPTH	4,800.0000	1.00	EA	4,800.00	1.00	4,800.00	.00	0.00	1.00	4,800.00	100.0	0.00	
7970756	MANHOLE DROP CONNECTION ASSEMBLY	850.0000	1.00	EA	850.00	1.00	850.00	.00	0.00	1.00	850.00	100.0	0.00	
7970805	6" PVC PIPE FOR SERVICE LATERA	19.0000	1900.00	LF	36,100.00	587.50	11,162.50	.00	0.00	587.50	11,162.50	30.9	0.00	
7970808	6" CLEAN OUT ASSEMBLY	1,100.0000	39.00	EA	42,900.00	40.00	44,000.00	.00	0.00	40.00	44,000.00	102.6	0.00	
7971006	CONNECT 6" LATERAL TO SEWER LINE	850.0000	39.00	EA	33,150.00	40.00	34,000.00	.00	0.00	40.00	34,000.00	102.6	0.00	
7971009	CONNECT EXISTING 8" SEWER TO NEW MANHOLE	990.0000	8.00	EA	7,920.00	7.00	6,930.00	.00	0.00	7.00	6,930.00	87.5	0.00	
7971125	RETIRE IN PLACE 48" MANHOLE	780.0000	16.00	EA	12,480.00	16.00	12,480.00	.00	0.00	16.00	12,480.00	100.0	0.00	
7971135	RM EXISTING SEWER 8"-14"	17.0000	70.00	LF	1,190.00	828.00	14,076.00	.00	0.00	828.00	14,076.00	1,182.9	0.00	
7971138	BY-PASS PUMPING	0.0000	.00	LS	25,000.00	3.00 %	750.00	0.00 %	0.00	3.00 %	750.00	3.0	0.00	
7971139	RESTORE ASPHALT	90.0000	385.00	SY	34,650.00	10.67	960.30	.00	0.00	10.67	960.30	2.8	0.00	
7971140	RESTORE CONCRETE	110.0000	60.00	SY	6,600.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7971201	CUT, CAP AND ABANDON EXISTING 8" SEWER LINE	1,000.0000	6.00	EA	6,000.00	10.00	10,000.00	.00	0.00	10.00	10,000.00	166.7	0.00	
Total WATER & SEWER					1,760,750.00		1,883,138.11		0.00		1,883,138.11		0.00	
05 A T & T														
7931307	4" SCHEDULE 40 PVC	3.8000	20768.00	LF	78,918.40	21980.00	83,524.00	.00	0.00	21980.00	83,524.00	105.8	0.00	
7931312	1 DUCT FORMATION@ 36" DEPTH	14.5000	485.00	LF	7,032.50	490.00	7,105.00	.00	0.00	490.00	7,105.00	101.0	0.00	
7931317	2 DUCT FORMATION@ 36" DEPTH	14.5000	85.00	LF	1,232.50	70.00	1,015.00	.00	0.00	70.00	1,015.00	82.4	0.00	
7931322	3 DUCT FORMATION@ 36" DEPTH	14.5000	75.00	LF	1,087.50	110.00	1,595.00	.00	0.00	110.00	1,595.00	146.7	0.00	
7931332	6 DUCT FORMATION@ 36" DEPTH	32.0000	2505.00	LF	80,160.00	2780.00	88,960.00	.00	0.00	2780.00	88,960.00	111.0	0.00	
7931337	9 DUCT FORMATION@ 36" DEPTH	35.5000	190.00	LF	6,745.00	40.00	1,420.00	.00	0.00	40.00	1,420.00	21.1	0.00	
7931351	8 DUCT FORMATION@ 36" DEPTH	35.5000	435.00	LF	15,442.50	460.00	16,330.00	.00	0.00	460.00	16,330.00	105.7	0.00	
7931403	MANHOLE PRECAST 6'WX12'LX7'H	15,870.0000	2.00	EA	31,740.00	2.00	31,740.00	.00	0.00	2.00	31,740.00	100.0	0.00	
7931410	4" CORE DRILL INTO MANHOLE	220.0000	6.00	EA	1,320.00	3.00	660.00	.00	0.00	3.00	660.00	50.0	0.00	

Application and Certificate For Payment -- page 14

To Owner: CITY OF FRANKLIN
 From (Contractor): Eutaw Construction Company
 Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

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						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
7931601	MH (RETIRE/RM/GRAVEL BACKFILL)	730.0000	2.00	EA	1,460.00	3.00	2,190.00	.00	0.00	3.00	2,190.00	150.0	0.00	
7931604	Directional Bore, 4in/fix slv	49.3000	220.000	LF	10,846.00	220.000	10,846.00	.000	0.00	220.000	10,846.00	100.0	0.00	
Total A T & T					235,984.40		245,385.00		0.00		245,385.00		0.00	
06 ATMOS														
7910302	2" HDPE GAS MAIN	18.7500	1900.00	LF	35,625.00	2040.00	38,250.00	.00	0.00	2040.00	38,250.00	107.4	0.00	
7910304	4" HDPE GAS MAIN	24.0000	150.00	LF	3,600.00	192.00	4,608.00	.00	0.00	192.00	4,608.00	128.0	0.00	
7910305	6" HDPE GAS MAIN	32.0000	3200.00	LF	102,400.00	3189.00	102,048.00	.00	0.00	3189.00	102,048.00	99.7	0.00	
7910402	HDD 2" PE PIPE-UNCONSOLIDATED	88.0000	1.00	LF	88.00	89.00	7,832.00	.00	0.00	89.00	7,832.00	8,900.0	0.00	
7910404	HDD 4" PE PIPE-UNCONSOLIDATED	88.0000	1.00	LF	88.00	81.00	7,128.00	.00	0.00	81.00	7,128.00	8,100.0	0.00	
7910405	HDD 6" PE PIPE-UNCONSOLIDATED	94.0000	1.00	LF	94.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7910411	HDD 2" PE PIPE-ROCK	150.0000	1.00	LF	150.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7910413	HDD 4" PE PIPE-ROCK	160.0000	1.00	LF	160.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7910414	HDD 6" PE PIPE-ROCK	170.0000	1.00	LF	170.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7910602	CONNECT TO 2" EX PE MAIN	1,100.0000	3.00	EA	3,300.00	4.00	4,400.00	.00	0.00	4.00	4,400.00	133.3	0.00	
7910604	CONNECT TO 6" EX PE MAIN	2,750.0000	1.00	EA	2,750.00	1.00	2,750.00	.00	0.00	1.00	2,750.00	100.0	0.00	
7910612	CONNECT TO 4" EX STL MAIN W/STOPPLE	8,580.0000	1.00	EA	8,580.00	3.00	25,740.00	.00	0.00	3.00	25,740.00	300.0	0.00	
7910633	CONNECT TO 6" EX STL MAIN W/STOPPLE	9,680.0000	1.00	EA	9,680.00	1.00	9,680.00	.00	0.00	1.00	9,680.00	100.0	0.00	
7910703	6" PE GAS VALVE ASSEMBLY	2,640.0000	2.00	EA	5,280.00	1.00	2,640.00	.00	0.00	1.00	2,640.00	50.0	0.00	
7910802	3/4" SERVICE ASSEMBLY	530.0000	29.00	EA	15,370.00	33.00	17,490.00	.00	0.00	33.00	17,490.00	113.8	0.00	
7910807	3/4" PE SERVICE PIPE	14.0000	2450.00	LF	34,300.00	2624.00	36,736.00	.00	0.00	2624.00	36,736.00	107.1	0.00	
7910817	HDD 3/4" PE SERVICE PIPE	55.0000	100.00	LF	5,500.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7910905	RESTORE ASPHALT	88.0000	1.00	SY	88.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7910906	RESTORE CONCRETE	250.0000	1.00	SY	250.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
7910907	RESTORE GRAVEL	44.0000	1.00	SY	44.00	888.88	39,110.72	.00	0.00	888.88	39,110.72	38,888.0	0.00	
7911001	RETIRE IN PLACE 3/4" SERV CUT & PLUG	660.0000	27.00	EA	17,820.00	33.00	21,780.00	.00	0.00	33.00	21,780.00	122.2	0.00	
7911004	RETIRE IN PLACE 2" SERV CUT & PLUG	1,320.0000	3.00	EA	3,960.00	2.00	2,640.00	.00	0.00	2.00	2,640.00	66.7	0.00	
7911006	RETIRE IN PLACE 6" SERV CUT & PLUG	1,980.0000	1.00	EA	1,980.00	.00	0.00	.00	0.00	.00	0.00	0.0	0.00	
Total ATMOS					251,277.00		322,832.72		0.00		322,832.72		0.00	
10 ADDITIONAL WORK ITEMS														
10	1040441 710 HR Electrical Modification	7,312.7500	.000	EA	0.00	.000	0.00	.000	0.00	.000	0.00	0.0	0.00	

Application and Certificate For Payment -- page 15

To Owner: CITY OF FRANKLIN
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Application No: 23 Date: 04/11/18 Period To: 03/25/18
 Contractor's Job Number: 16031
 Architect's Project No: 108409.00

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						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
1040399	ADDITIONAL WORK (4-INCH CORE D RILL INTO ELECTRIC MANHOLE	220.0000	6.00	EA	1,320.00	7.00	1,540.00	.00	0.00	7.00	1,540.00	116.7	0.00	
1040430	Add. Work (RES Assessments)	0.0000	.000	LS	0.00	0.00 %	13,429.97	0.00 %	0.00	0.00 %	13,429.97	0.0	0.00	
1040431	606 HR Electrical Modification	8,744.7000	.000	EA	0.00	.000	0.00	1.010	8,827.99	1.010	8,827.99	0.0	0.00	
1040432	612 HR Electrical Modification	7,288.1900	.000	EA	0.00	.000	0.00	1.010	7,357.60	1.010	7,357.60	0.0	0.00	
1040433	614 HR Electrical Modification	7,288.0900	.000	EA	0.00	.000	0.00	1.010	7,357.50	1.010	7,357.50	0.0	0.00	
1040434	618 HR Electrical Modification	7,316.1900	.000	EA	0.00	.000	0.00	1.010	7,385.87	1.010	7,385.87	0.0	0.00	
1040435	700 HR Electrical Modification	21,000.0000	.000	EA	0.00	.000	0.00	.744	15,632.83	.744	15,632.83	0.0	0.00	
1040436	702 HR Electrical Modification	87,474.7000	.000	EA	0.00	.000	0.00	.101	8,827.99	.101	8,827.99	0.0	0.00	
1040437	704 HR Electrical Modification	10,500.0000	.000	EA	0.00	.000	0.00	1.473	15,470.02	1.473	15,470.02	0.0	0.00	
1040438	705 HR Electrical Modification	11,252.0400	.000	EA	0.00	.000	0.00	1.010	11,359.20	1.010	11,359.20	0.0	0.00	
1040439	706 HR Electrical Modification	7,288.1900	.000	EA	0.00	.000	0.00	1.010	7,357.60	1.010	7,357.60	0.0	0.00	
1040440	708 HR Electrical Modification	7,288.1900	.000	EA	0.00	.000	0.00	1.010	7,357.60	1.010	7,357.60	0.0	0.00	
1040441	710 HR Electrical Modification	7,312.7500	.000	EA	0.00	.000	0.00	1.010	7,382.39	1.010	7,382.39	0.0	0.00	
1040442	715 HR Electrical Modification	20,533.4700	.000	EA	0.00	1.000	20,533.47	.000	0.00	1.000	20,533.47	0.0	0.00	
1040443	801 HR Electrical Modification	9,009.6200	.000	EA	0.00	1.000	9,009.62	.000	0.00	1.000	9,009.62	0.0	0.00	
1040444	803 HR Electrical Modification	10,500.0000	.000	EA	0.00	1.389	14,581.18	.000	0.00	1.389	14,581.18	0.0	0.00	
1040445	805 HR Electrical Modification	17,175.4100	.000	EA	0.00	1.000	17,175.41	.000	0.00	1.000	17,175.41	0.0	0.00	
1040446	809 HR Electrical Modification	10,500.0000	.000	EA	0.00	.817	8,575.37	.000	0.00	.817	8,575.37	0.0	0.00	
1040447	810 HR Electrical Modification	10,500.0000	.000	EA	0.00	.000	0.00	.000	0.00	.000	0.00	0.0	0.00	
1040448	811 HR Electrical Modification	10,500.0000	.000	EA	0.00	.000	0.00	.000	0.00	.000	0.00	0.0	0.00	
1040449	813 HR Electrical Modification	10,500.0000	.000	EA	0.00	.512	5,379.62	.000	0.00	.512	5,379.62	0.0	0.00	
1040450	815 HR Electrical Modification	10,500.0000	.000	EA	0.00	.553	5,805.11	.000	0.00	.553	5,805.11	0.0	0.00	
1040451	901 HR Electrical Modification	7,288.1900	.000	EA	0.00	1.000	7,288.19	.000	0.00	1.000	7,288.19	0.0	0.00	
1040452	903 HR Electrical Modification	8,744.7000	.000	EA	0.00	1.000	8,744.70	.000	0.00	1.000	8,744.70	0.0	0.00	
1040453	905 HR Electrical Modification	8,053.8300	.000	EA	0.00	1.000	8,053.83	.000	0.00	1.000	8,053.83	0.0	0.00	
1040454	906 HR Electrical Modification	7,288.1900	.000	EA	0.00	1.295	9,439.64	.000	0.00	1.295	9,439.64	0.0	0.00	
1040455	907 HR Electrical Modification	7,288.1900	.000	EA	0.00	1.000	7,288.19	.000	0.00	1.000	7,288.19	0.0	0.00	
1040456	908 HR Electrical Modification	7,312.7500	.000	EA	0.00	1.135	8,302.20	.000	0.00	1.135	8,302.20	0.0	0.00	
1040457	909 HR Electrical Modification	7,302.1900	.000	EA	0.00	1.000	7,302.19	.000	0.00	1.000	7,302.19	0.0	0.00	
1040458	911 HR Electrical Modification	7,288.1900	.000	EA	0.00	1.000	7,288.19	.000	0.00	1.000	7,288.19	0.0	0.00	
1040459	912 HR Electrical Modification	7,302.1900	.000	EA	0.00	1.232	8,994.79	.000	0.00	1.232	8,994.79	0.0	0.00	
1040460	913 HR Electrical Modification	10,500.0000	.000	EA	0.00	.444	4,667.04	.000	0.00	.444	4,667.04	0.0	0.00	
1040461	914 HR Electrical Modification	7,288.1900	.000	EA	0.00	1.286	9,373.49	.000	0.00	1.286	9,373.49	0.0	0.00	

Application and Certificate For Payment -- page 16

To Owner: CITY OF FRANKLIN
From (Contractor): Eutaw Construction Company
Project: Hillsboro Road Phase II

Application No: 23 Date: 04/11/18 Period To: 03/25/18
Contractor's Job Number: 16031
Architect's Project No: 108409.00

Item Number	Description	Unit Price	Contract Quantity	UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention	Memo
						Quantity	Amount	Quantity	Amount	Quantity	Amount	%		
1040462	915 HR Electrical Modification	19,223.4500	.000	EA	0.00	.000	0.00	1.010	19,406.54	1.010	19,406.54	0.0	0.00	
1040463	916 HR Electrical Modification	7,288.1900	.000	EA	0.00	1.182	8,611.54	.000	0.00	1.182	8,611.54	0.0	0.00	
1040464	917 HR Electrical Modification	7,288.1900	.000	EA	0.00	1.000	7,288.19	.000	0.00	1.000	7,288.19	0.0	0.00	
1040465	919 HR Electrical Modification	10,500.0000	.000	EA	0.00	.625	6,559.21	.000	0.00	.625	6,559.21	0.0	0.00	
1040466	920 HR Electrical Modification	8,732.3700	.000	EA	0.00	1.099	9,598.28	.000	0.00	1.099	9,598.28	0.0	0.00	
1040467	921 HR Electrical Modification	14,812.5800	.000	EA	0.00	1.000	14,812.58	.000	0.00	1.000	14,812.58	0.0	0.00	
1040468	1001 HR Electrical Modificatio	7,288.1900	.000	EA	0.00	1.000	7,288.19	.000	0.00	1.000	7,288.19	0.0	0.00	
1040469	1003 HR Electrical Modificatio	9,727.3500	.000	EA	0.00	1.000	9,727.35	.000	0.00	1.000	9,727.35	0.0	0.00	
1040470	1005 HR Electrical Modificatio	107,525.9100	.000	EA	0.00	.100	10,752.91	.000	0.00	.100	10,752.91	0.0	0.00	
1040471	Temp. Displacement Allowance	1.0000	.000	EA	0.00	.000	0.00	.000	0.00	.000	0.00	0.0	0.00	
Total ADDITIONAL WORK ITEMS					1,320.00		257,410.45		123,723.13		381,133.58		0.00	
99 MISC														
STDMTL	STORED MATERIALS	0.0000	.000	LS	0.00	0.00 %	9,331.00	0.00 %	0.00	0.00 %	9,331.00	0.0	0.00	
Total MISC					0.00		9,331.00		0.00		9,331.00		0.00	
Application Total					12,049,584.48		11,588,045.91		223,882.65		11,811,928.56		0.00	

G and G Lawncare LLC
P. O. Box 176
Spring Hill, TN 37174
(931)797-1830
gandglawncare@charter.net



ESTIMATE

ESTIMATE # 1479
DATE 03/22/2018

ADDRESS
City of Franklin

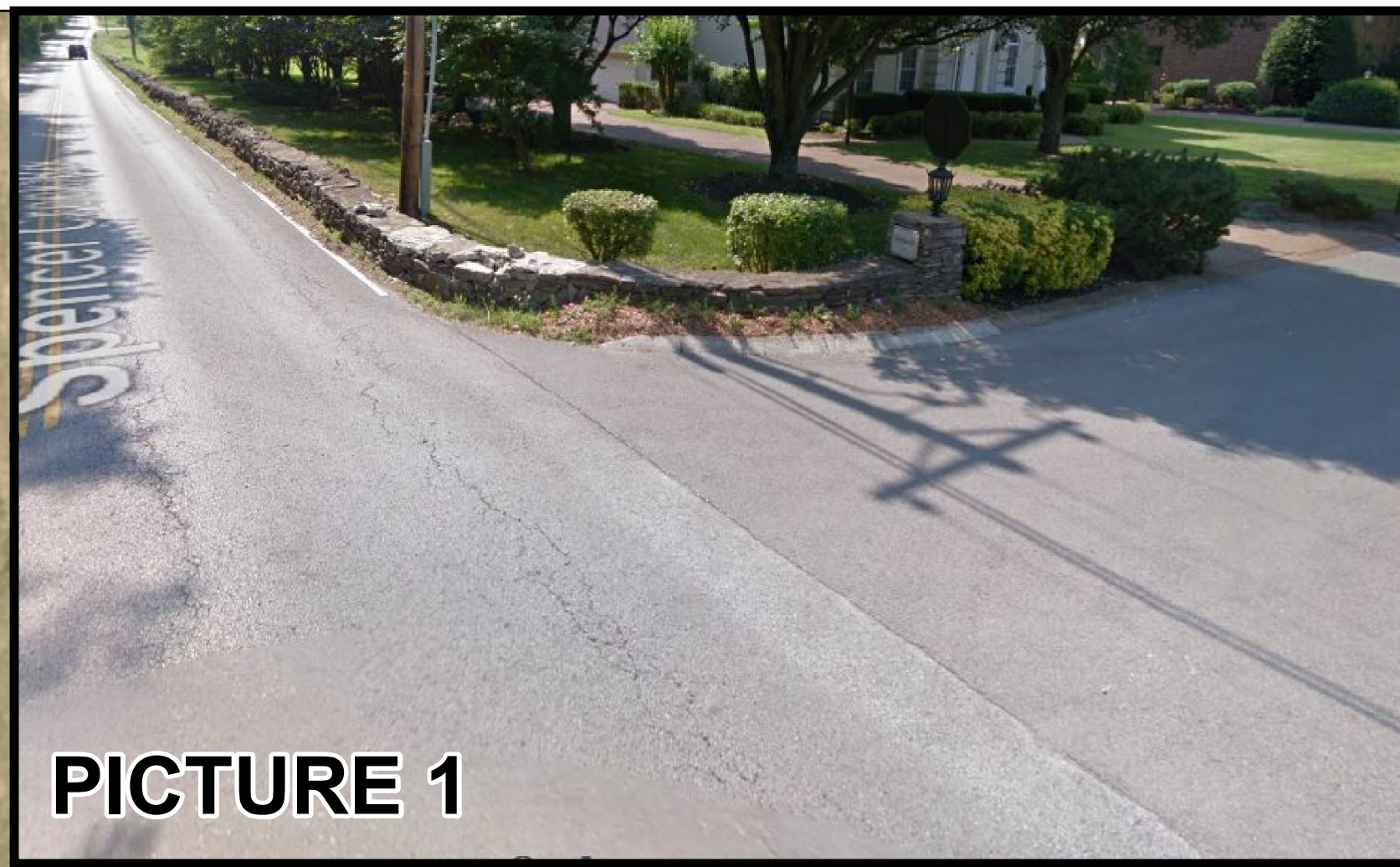
Please detach top portion and return with your payment.

ACTIVITY	QTY	RATE	AMOUNT
Labor Spencer Creek Rd: Retaining wall repair Excavate 300ft of roadway ditch to utility poles Haul off all debris Install 30in high natural stone retaining wall using existing stone on site All excess stone will be removed and hauled off Gravel backfill of retaining wall 18in in depth 18in of dirt backfill 1- 4in ADS French drain pipe behind wall, day lighted at one end Stone wall to be set on compacted gravel base footer Retaining wall to have dry stack look on one exterior face and top Labor, excavation, haul off, footers, and masonry materials included in price	1	48,500.00	48,500.00

TOTAL **\$48,500.00**

Accepted By

Accepted Date



PICTURE 1



PICTURE 2



PICTURE 3



PICTURE 4



May 18, 2018

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Paul Holzen, City Engineer/Director of Engineering
Jonathan Marston, Assistant Director of Engineering

SUBJECT: Status Report for Transportation, Stormwater, and Parks Capital Projects

Purpose

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the status of some of the City's transportation, stormwater, and parks capital projects.

Transportation

Mack Hatcher Parkway Northwest Extension (SR-96 West to Hillsboro Road)	
Key Dates:	Design Start – August 14, 2007 (BOMA Approval); Re-Design Completion – October 2017; ROW Start – December 2009; ROW Completion – December 2017; Construction Bid Date – October / December 2018
Cost:	Design – \$3,502,501; ROW – \$13,397,520 (Provided by TDOT); Construction – \$48,200,000 (Provided by TDOT)
Status Update:	On May 9, 2017, TDOT released its annual 3-year (FY 2018-2020) transportation program. The construction of Mack Hatcher Parkway, from Highway 96 West (SR-96) to Hillsboro Road (SR-106) is included in the list of projects. It is programmed to receive funding in FY 2018. TDOT has requested changes to the proposed property acquisition of 1 property. These changes will delay the construction letting. Staff continues to work with TDOT to minimize that delay.

Hillsboro Road Improvements Phase 2 (Independence Square to Mack Hatcher Parkway)	
Key Dates:	Design Start – March 24, 2008 (BOMA Approval); Design Completion – March 2015; ROW Start – March 2013; ROW Completion – May 2015; Bid Date – January 2016; Construction Start – April 18, 2016; Original Construction Completion – June 21, 2017 (430 calendar days); Missed Construction Completion – November 22, 2017 (CO#1 Additional 154 Calendar Days; 584 Calendar Days based upon delays and utility conflicts); Estimated Construction Completion – June 2018 (Contractor Delays) *Denotes Estimated Date

Cost:	Design – \$1,324,221 (Design fees include the SR96-IndSq Project as well); ROW – \$3,000,000; Construction Bid – \$11,995,005.13 (\$1,750,000 Reimbursable through State and Federally Approved Funding; Includes AT&T and ATMOS Reimbursable items totaling \$441,677.00); Current Construction – \$12,049,584.48 (CO#1)
Status Update:	Because of contractor and utility delays, work is still ongoing. Final project completion (asphalt topping and punch list items) should be completed in Spring 2018. Liquidated Damages are currently being assessed at \$1,600 a day until substantial completion is reached. Final asphalt topping is currently being installed.

Hunters Bend Elementary Safe Routes to School	
Key Dates:	Design Start- January 2014; Design Complete – December 2015; ROW Acquisition - N/A; Construction Start – April 24, 2017; Construction Complete – January 31, 2018 <i>*Denotes Estimated Date</i>
Cost:	Design/Inspection - \$157,955; Construction - \$673,076
Status Update:	Concrete and retaining wall work is complete. However, the contractor continues to work on final grading and site clean-up. Latest schedule shows completion in late May. Work is past contract completion date of January 31 st .

Murfreesboro Road (SR-96) Sidewalk (Pinkerton Park to Mack Hatcher Parkway)	
Key Dates:	Design Start- June 2014; Design Complete – June 2017; ROW Acquisition Complete – August 2017; Construction Start – August 14, 2017; Construction – May 2018* <i>*Denotes Estimated Date</i>
Cost:	Total – \$1,511,299.81
Status Update:	Concrete crews are placing sidewalk. Contractor is hauling topsoil and dressing slopes. Traffic signal pole foundations are in place. Driveways will begin to be poured next week. Sewer work requested by COF (402' of old line removed and replaced) near Pinkerton Park is complete.

Franklin Road Corridor Improvements (Harpeth River Bridge to Harpeth Industrial Court)	
Key Dates:	Design Start- January 2015; Design Complete – December 2017*; ROW Acquisition Start - March 2018*; Construction Start – March 2019* <i>*Denotes Estimated Date</i>
Cost:	Total - \$10,344,250.00 (Estimated)
Status Update:	Final design updates are still ongoing. Final water and sanitary sewer plans are complete. The right-of-way acquisition process will begin this Spring. A public meeting was held on March 20 th . Easement offers go out to the residents in Spring / Summer 2018.

East McEwen Drive Phase 4 Improvements (Cool Springs Boulevard to Wilson Pike)	
Key Dates:	Design Start – April 2015; NEPA Completion – May 2018*; Design Completion – October 2018*; ROW Acquisition Start – October 2018*; ROW Acquisition End – December 2019*; Construction Start – January 2020*; Construction End – May 2022 <i>*Denotes Estimated Date</i>
Cost:	Design - \$1,210,000 (Preliminary - \$497,000; Final - \$713,000); NEPA - \$125,018 ROW Acquisition – TBD; Construction – TBD
Status Update:	All individual technical studies are complete. The consultant is preparing to submit the final environmental document for final review and approval by TDOT and FHWA. RFQ's for right of way appraisal were received on March 13, 2018, and will be awarded after review by staff.

Columbia Avenue Widening & Improvements (Mack Hatcher Parkway to Downs Boulevard)	
Key Dates:	Design Start - February 14, 2017 (BOMA Approved); Design Completion – February 2018*; ROW Start– March 2018*; ROW End – July 2018*; Construction Start – July 2018*; Construction End – December 2018* <i>*Denotes Estimated Date</i>
Cost:	Design - \$74,995.00; ROW – TBD; Construction – TBD;
Status Update:	The Board has selected the five-lane access management option. Staff is working to prepare exhibits to facilitate discussions with the BOMA about utilities and bicycle/pedestrian facilities for this project.

East McEwen Drive Roundabout Modifications	
Key Dates:	Design Start – March 2017; Design Complete– May 2018*; ROW Start – May 2018*; ROW Complete – September 2018*; Construction – TBD <i>*Denotes Estimated Date</i>
Cost:	Preliminary Design/Environmental – \$86,155; ROW - \$350,000 Construction - \$1,250,000
Status Update:	Designer is working to finalize plans. ROW anticipated to start in May 2018. Depending upon the completion of the ROW process, construction could begin later this year.

Intersection Improvements at Mallory Lane and Liberty Pike	
Key Dates:	Design Start – February 14, 2017 (BOMA Approved); Design Completion – TBD; ROW – TBD; Construction – TBD
Cost:	Design - \$229,965.00; ROW – TBD; Construction – TBD;
Status Update:	Designer is working on the completion of plans. Draft right-of-way plans were submitted on 1-10-18 and are currently being reviewed by City staff.

Stormwater

100-Block Battle Avenue Drainage Improvements	
Key Dates:	Design Start – July 24, 2012 (BOMA Approved); Design Completion – April 2018*; Easement Acquisition Completion – TBD Construction Start – TBD <i>*Denotes Estimated Dates</i>
Cost:	Initial Study – \$46,500.00; Final Design – \$131,700.00 (Including Amendment 1 of \$68,200.00); Construction Estimate- \$1,270,000.00
Status Update:	Staff is seeking direction from the board on how to proceed with the project.

Jordan Branch of Spencer Creek (Cool Springs East) Stream Restoration	
Key Dates:	Design Start – May 26, 2015 (BOMA Approved); Design Completion – June/July 2018*; ROW/Easement Acquisition – May 2018*; Construction - TBD <i>*Denotes Estimated Dates</i>
Cost:	Design - \$113,445.00; Construction Estimate - \$750,000
Status Update:	The additional archaeological investigations began on April 18 th and will continue for approximately 2 weeks.

Ralston Creek (Liberty Hills) Stream Restoration	
Key Dates:	Feasibility Study Start – November 19, 2015 (BOMA Approved); Feasibility Study Completion – April 2017; Design Start – September 2017; Design End – TBD; ROW/Easement Acquisition – TBD; Construction - TBD
Cost:	Design - \$68,700.00
Status Update:	Feasibility Study Complete. Consultant working on a stream bank stabilization project and updating the model to determine exact floodplain to present at a public meeting. A public meeting will be scheduled for June/July 2018 to determine how to proceed with the project and to provide an overview of the feasibility study.

Harpeth River Bank Stabilization at the Water Reclamation Facility	
Key Dates:	Design Start – August 11, 2015 (BOMA Approved); Design Completion – Fall 2017; ROW/Easement – N/A; Construction Start – September 2018; Construction End – December 2017
Cost:	Design - \$74,000.00; ROW/Easement – N/A; Construction – 311,782.21
Status Update:	Work is complete. Staff and the designer continue to monitor the site. A final change order will be presented to the BOMA for consideration.

Carnton Lane Culvert Replacement	
Key Dates:	Design Start- September 9, 2016 (BOMA Approved); Design Completion- July 2017; ROW/Easement(s) – November 2017; Construction Start– June 2018*; Construction End – September 2018* <i>*Denotes Estimated Dates</i>
Cost:	Design - \$18,580.00; ROW/Easement – N/A; Construction – TBD
Status Update:	Project was advertised for bids, and bids were opened April 27, 2018. Staff is working on a recommendation for the Board to award the contract.

Watson Branch Culvert Rehabilitation	
Key Dates:	Design Start – November 22, 2016 (BOMA Approval); Design Completion – October 2017; ROW/Easement Start – November 2017; ROW/Easement End – March 2018; Construction Start – April 2018; Construction End – July 2018;
Cost:	Design - \$30,640.00; ROW/Easement – TBD; Construction – TBD
Status Update:	Preliminary plans are complete. ARAP and CGP permits were approved by TDEC and received June 5, 2017. A permit to access TDOT right of way on Mack Hatcher was received June 13, 2017. Temporary construction easements and PU&DE easement documents are being reviewed by Legal section.

Parks

Southeast Municipal Complex Master Planning	
Key Dates:	Planning Start – June 2017; Planning Completion – August 2018
Cost:	Planning - \$396,046.00; Design – TBD; Construction - TBD
Status Update:	Geotechnical investigation, traffic analysis, and ESA Permit are complete. Placement and footprint of new wastewater plant has been finalized. A core group meeting was conducted on 8-31-17 to get input from stakeholders. A public input meeting was conducted on February 5, 2018 at City Hall and was well attended. Consultant completed the draft concept plan February 13, 2018, and presented it to the BOMA meeting on March 13, 2018. Two meetings have been held with staff and input received on the naming and branding of park.

Southeast Municipal Complex (Lockwood Parcel) Construction Documents	
Key Dates:	Design Start – July 2017; Design Completion – TBD;
Cost:	Design - \$310,158.00; Purchase of property – \$500,000; Construction – TBD;
Status Update:	The boundary survey, Robinson Lake hydrographic survey, and the preliminary dam analysis are complete. The Topographic survey is almost finished. A more in-depth conceptual plan for the dam is underway. The purchase of the property was recently completed by the City.