

**Request for Construction Change
Summary Change Order No. 3**

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

Contract No. 2014-0037
Project Third Avenue North Trail
PIN 109424.00
Fed. Proj. No. STP-M-9305(28)

Whereas, we **Jones Brothers Contractors, LLC** entered into a contract with the CITY OF FRANKLIN, on **August 20, 2015**, 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 No. 502-04.01 Saw cutting concrete to the contract. Additional irrigation had to be run under the concrete that had been poured for the sidewalk at Point Park in order to allow this area to receive water. This area was not originally shown on the plans to have irrigation.
2. Add Item No. 104-01.02 Raise Existing Castings to the contract. The castings for the storm structures located on within the landscaped area at the intersection of 3rd and 4th Avenues need to be raised and bricked.
3. Add Cost to Item No. 920-12.01 Relocate Lower Existing Irrigation. This item number was added to the contract in a previous change order, but the 5% prime contractor fee was not added to the cost. The subcontractor cost was \$3,724.80 and with the 5% prime contractor fee, needs to be raised to \$3,911.04.
4. Add Cost to Item No. 920-13.01 River Rock. This item number was added to the contract in a previous change order, but the 5% prime contractor fee was not added to the cost and the cost per unit was incorrect. The unit price has been revised by +\$0.37 in order to bring unit price to \$22.61.
5. Add Item No. 714-09.09 Luminaires (F10 - LED Flood Light) to the contract. These light fixtures were to be provided by the City and the contractor was to install only. An item number was set up in the contract for install only of the poles bases, poles, etc. Due to the City not having these lights already, contractor was asked to supply.
6. Add Item No. 714-09.10 Luminaires (F10A - LED Flood Light) to the contract. These light fixtures were to be provided by the City and the contractor was to install only. An item number was set up in the contract for install only of the poles bases, poles, etc. Due to the City not having these lights already, contractor was asked to supply. These lights were supplied and used onsite however, the City did not approve of the way they looked, therefore the City has purchased these lights as the Contractor could not return them.
7. Add Item No. 714-09.11 Luminaires (F10A - LED Flood Light) New to the contract. These light fixtures are the replacement light fixtures are to be surface mounted on the overlook structure and will replace the ones that were originally ordered and delivered to the project site.
8. Add Item No. 920-14.01 IPE Decking Repair to the contract. The overlook structure was constructed per the shop drawings however, the structural details in the plans were vague and a subsequent review

by the structural engineer required a moment weld and plate to provide stability. To make this weld, the decking will have to be repaired. JBC is funding the weld repair and the City is funding the cost of the decking repair and structural analysis.

9. Add Contract Time due to the additional work in regards to the concrete saw cut for the irrigation.

10. Add Cost for Overrun and Underrun items for the contract. See attached overrun/underrun summary.

Attachments (List documents supporting change):

1. JBC Weather Delays – August 2016
2. TDOT LP Field Change Order documents (TDOT Field Change Order #7, dated 11/3/16)
3. Overrun/Underrun Summary

Item No.	Description of Work	Unit	Estimated Quantity	Unit Price	Amount
502-04.01	Saw Cut Concrete	EACH	1	\$525.00	+ \$525.00
104-01.02	Raise Existing Castings	LS	1	\$848.98	+ \$848.98
714-09.09	Luminaires (F10-LED Flood Lights)	EACH	4	\$1,030.73	+ \$4,122.92
714-09.10	Luminaires (F10A-LED Flood Lights)	EACH	5	\$1,021.73	+ \$5,109.75
714-09.11	Luminaires (F10A-LED Flood Lights) New	EACH	5	\$1,652.67	+ \$8,263.35
920-12.01	Relocate/Lower Existing Irrigation	LS	1	\$186.24	+ \$186.24
920-13.01	River Rock	SF	255	\$0.37	+ \$94.35
920-14.01	IPE Decking Repair	LS	1	\$4,500.00	+ \$4,500.00
	Overrun/Underrun Summary (See Pg. 23-28 of Documentation)				+ \$70,129.19
TOTAL					+ \$93,779.78

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ 1,253,257.31
Net Increase (Decrease) from previous Change Orders No. 0 to 2: \$49,442.45
Contract Price prior to this Change Order: \$1,302,699.76
Net <u>increase</u> of this Change Order:

CHANGE IN CONTRACT TIMES:
Original Contract Times: 240 Calendar Days Substantial Completion: ***** Ready for final payment: <u>May 17, 2016 (240 days)</u>
Net change from previous Change Orders No. 0 to 2 to: Substantial Completion: ***** Ready for final payment: <u>98 calendar days</u>
Contract Times prior to this Change Order: Substantial Completion: ***** Ready for final payment: <u>August 23, 2016 (338 days)</u>
Net increase (decrease) this Change Order:

\$93,779.78	Substantial Completion: ***** Ready for final payment: <u>16 calendar days</u>
Contract Price with all approved Change Orders: \$1,396,479.54	Contract Times with all approved Change Orders: Substantial Completion: ***** Ready for final payment: <u>September 9, 2016 (354 days)</u>

Now, Therefore, We, **Jones Brothers Contractors, LLC**, hereby agree to this Change Order consisting of the above mentioned items and prices, and agree that this Change Order 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 Change Order.

RECOMMENDED FOR APPROVAL BY:

By: _____ By: _____ By: _____
ENGINEER CITY PROJECT MANAGER DIRECTOR OF ENGINEERING

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 # 7

Project Title/Termini:	City of Franklin - 3rd Avenue North Trail/Greenway		
Owner:	City of Franklin	PIN:	109424.00
Address:	109 3 rd Avenue South	State Project No.:	94LPLM-F3-018
	Franklin, TN 37064	Federal Project No.:	STP-M-9305(28)
Date Prepared:	11/3/2016	Contract No.:	2014-0037
		County:	WILLIAMSON

Whereas, we Jones Bros. Contractors, LLC with Western Surety Co., as a Surety, entered into a contract with the City of Franklin, on August 20, 2015, 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. 502-04.01 Saw cutting concrete to the contract. Additional irrigation had to be run under the concrete that had been poured for the sidewalk at Point Park in order to allow this area to receive water. This area was not originally shown on the plans to have irrigation.

Add Item No. 104-01.02 Raise Existing Castings to the contract. The castings for the storm structures located on within the landscaped area at the intersection of 3rd and 4th Avenues need to be raised and bricked.

Add Cost to Item No. 920-12.01 Relocate Lower Existing Irrigation. This item number was added to the contract in a previous change order, but the 5% prime contractor fee was not added to the cost. The subcontractor cost was \$3,724.80 and with the 5% prime contractor fee, needs to be raised to \$3,911.04.

Add Cost to Item No. 920-13.01 River Rock. This item number was added to the contract in a previous change order, but the 5% prime contractor fee was not added to the cost and the cost per unit was incorrect. The unit price has been revised by +\$0.37 in order to bring unit price to \$22.61.

Add Item No. 714-09.09 Luminaires (F10 - LED Flood Light) to the contract. These light fixtures were to be provided by the City and the contractor was to install only. An item number was set up in the contract for install only of the poles bases, poles, etc. Due to the City not having these lights already, contractor was asked to supply.

Add Item No. 714-09.10 Luminaires (F10A - LED Flood Light) to the contract. These light fixtures were to be provided by the City and the contractor was to install only. An item number was set up in the contract for install only of the poles bases, poles, etc. Due to the City not having these lights already, contractor was asked to supply. These lights were supplied and used onsite however, the City did not approve of the way they looked, therefore the City has purchased these lights as the Contractor could not return them.

Add Item No. 714-09.11 Luminaires (F10A - LED Flood Light) New to the contract. These light fixtures are the replacement light fixtures are to be surface mounted on the overlook structure and will replace the ones that were originally ordered and delivered to the project site.

Add Item No. 920-14.01 IPE Decking Repair to the contract. The overlook structure was constructed per the shop drawings however, the structural details in the plans were vague and a subsequent review by the structural engineer required a moment weld and plate to provide stability. To make this weld, the decking will have to be repaired. JBC is funding the weld repair and the City is funding the cost of the decking repair and structural analysis.

Add Contract Time due to the additional work in regards to the concrete saw cut for the irrigation.

Add Contract Time due to weather delays for the month of August.

Adjust contract cost and quantities per attached Overrun/Underrun Summary. Quantity overruns accounted for a net contract increase of \$48,901.83 as indicated in the attached Overrun/Underrun Summary therefore, the total contract amount is to be adjusted from \$1,302,699.76 to \$1,353,256.16.

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

☐ Not Change, ☒ Increase by 16 days, ☐ Decrease by _____ days

Original contraction Completion Time: 240 calendar days (Date: May 17, 2016)

Approved Change Orders: COF CO #1 - 75 Calendar Days

Current Change Order: 16 calendar days in addition to CO #6 - 23 calendar days (Both pending BOMA approval)

Contract Completion Time with Change Orders: 354 calendar days (Date: September 9, 2016)

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
502-04.01	Saw Cut Concrete	EACH	-	+1	+1	\$525.00	\$525.00
104-01.02	Raise Existing Castings	LS	-	+1	+1	\$848.98	\$848.98
714-09.09	Luminaires (F10-LED Flood Lights)	EACH	-	+4	+4	\$1,030.73	\$4,122.92
714-09.10	Luminaires (F10A-LED Flood Lights)	EACH	-	+5	+5	\$1,021.95	\$5,109.75
714-09.11	Luminaires (F10A-LED Flood Lighst) New	EACH	-	+5	+5	\$1,652.67	\$8,263.35
920-12.01	Relocate/Lower Existing Irrigation	LS	-		+1	\$186.24	\$186.24
920-13.01	River Rock (Incorrect Price on TDOT CO#6)	SF	-	+1	+255	\$0.37	\$94.35
920-14.01	IPE Decking Repair	LS	-	+1	+1	\$4,500.00	\$4,500.00
	See Attached Overrun/Underrun					\$70,129.19	\$70,129.19

	Summary						
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Bid Contract Amount: \$1,253,257.31
 Current Change Order: \$93,779.78
 Approved Change Orders: \$49,442.45 approved by BOMA
 Pending Change Orders: \$93,779.78
 Total Change Orders to Date: \$143,222.23

Supplemental Agreement and/or Request for Construction Change Change Order Request # 7

Project Title/Termini:	<u>City of Franklin - 3rd Avenue North Trail/Greenway</u>		
Owner:	<u>City of Franklin</u>	PIN:	<u>109424.00</u>
Address:	<u>109 3rd Avenue South</u>	State Project No.:	<u>94LPLM-F3-018</u>
	<u>Franklin, TN 37064</u>	Federal Project No.:	<u>STP-M-9305(28)</u>
Date Prepared:	<u>11/3/2016</u>	Contract No.:	<u>2014-0037</u>
		County:	<u>WILLIAMSON</u>

Now, Therefore, We, Jones Bros. Contractors, LLC, Contractors, and Western Surety Co., 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 Date

Approved for Eligibility:

By: _____
 Local Programs Planner Date

Approved By:

By: _____
 Contractor Date

By: _____

Surety

Date

By: _____

Owner

Date



Jones Bros. Contractors, LLC

September 9, 2016

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

RE: Contract # 2014-0037
Project #'s: Federal-STP-M-9305(28); State-94LPLM-F3-018; PIN-109424.00
County: Williamson County
Description: City of Franklin Third Avenue North Trail / Greenway

Subject: Supplemental Request #014 – Raise Existing Castings

Jones Bros. Contractors, LLC (“JBC”) respectfully submits the pricing below to incorporate the work for raising the onsite storm drain castings on the project.

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	Additional Time Required
104-01.02	Raise Existing Castings	1	LS	\$ 848.98	0-Days

The above pricing includes labor, equipment, materials, profit, overhead, and bond. A detailed breakdown is attached for your review.

If you have any questions regarding this matter, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Josh Randall". The signature is cursive and fluid, with the first and last names clearly legible.

Josh Randall
Jones Bros. Contractors, LLC

Attachments: 1-page, cost break-down

JOB LOCATION: City of Franklin - 3rd Ave N. & Bicentennial Trail

DATE: 9/9/2016

Bid item Description: Adjust Existing Onsite Storm Castings

Bid Quantity: 1 LS

Activity: 104-01.02 - Adjust Existing Onsite Storm Castings

CREW LABOR DESCRIPTION	QUANTITY	RATE	10 hr day	COST PER DAY
			HOURS / DAY	
(no supervision)				
FOREMAN	1	\$32.00	4	\$128.00
CARPENTER	0	\$17.25	0	\$0.00
FINISHER	0	\$16.00	0	\$0.00
SKILLED LABOR	2	\$16.00	4	\$128.00
UNSKILLED LABOR	0	\$15.00	0	\$0.00
OPERATOR	0	\$20.00	0	\$0.00
SUBTOTAL				\$256.00
BURDEN		0.34		\$87.04
TOTAL LABOR INCLUDING BURDEN				\$343.04

MATERIAL & MISC. DESCRIPTION	UNIT	RATE	QTY	TOTAL
Bricks & Mortar	Unit	\$100.00	1	\$100.00
6" risers	Each	\$85.00	2	\$170.00
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL				\$270.00
TAXES		0.0975		\$26.33
TOTAL MATERIAL INCLUDING TAXES				\$296.33

EQUIPMENT DESCRIPTION	QUANTITY	RATE	HOURS / DAY	COST PER DAY
Chevy Truck	1	\$24.72	4	\$98.88
Crane	0		0	\$0.00
Pile Driver/Extractor	0		0	\$0.00
Dozer	0		0	\$0.00
Excavator	0	\$149.77	0	\$0.00
Loader / Skid-Steer	0	\$35.01	0	\$0.00
Compressor	0		0	\$0.00
	0		0	\$0.00
TOTAL				\$98.88

DURATION & TOTAL DESCRIPTION	UNIT	RATE	QTY	TOTAL
Labor	DAY	\$343.04	1	\$343.04
Equipment	DAY	\$98.88	1	\$98.88
Material / Misc.	LS	\$296.33	1	\$296.33
				\$0.00
	0	\$0.00	0	\$0.00
	0	\$0.00	0	\$0.00
	0	\$0.00	0	\$0.00
Total Cost				\$738.25

Mark-Up 15% \$ 110.74

Total Price **\$848.98**

Unit Price **1 LS** **\$ 848.98**

JOB LOCATION: City of Franklin - 3rd Ave N. & Bicentennial Trail

DATE: 9/9/2016

Bid item Description: Adjust Existing Onsite Storm Castings

Bid Quantity: 1 LS

Activity: 104-01.02 - Adjust Existing Onsite Storm Castings

CREW LABOR DESCRIPTION	QUANTITY	RATE	10 hr day	COST PER DAY
			HOURS / DAY	
(no supervision)				
FOREMAN	1	\$32.00	4	\$128.00
CARPENTER	0	\$17.25	0	\$0.00
FINISHER	0	\$16.00	0	\$0.00
SKILLED LABOR	2	\$16.00	4	\$128.00
UNSKILLED LABOR	0	\$15.00	0	\$0.00
OPERATOR	0	\$20.00	0	\$0.00
SUBTOTAL				\$256.00
BURDEN		0.34		\$87.04
TOTAL LABOR INCLUDING BURDEN				\$343.04

MATERIAL & MISC. DESCRIPTION	UNIT	RATE	QTY	TOTAL
Bricks & Mortar	Unit	\$100.00	1	\$100.00
6" risers	Each	\$85.00	2	\$170.00
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL				\$270.00
TAXES		0.0975		\$26.33
TOTAL MATERIAL INCLUDING TAXES				\$296.33

EQUIPMENT DESCRIPTION	QUANTITY	RATE	HOURS / DAY	COST PER DAY
Chevy Truck	1	\$24.72	4	\$98.88
Crane	0		0	\$0.00
Pile Driver/Extractor	0		0	\$0.00
Dozer	0		0	\$0.00
Excavator	0	\$149.77	0	\$0.00
Loader / Skid-Steer	0	\$35.01	0	\$0.00
Compressor	0		0	\$0.00
	0		0	\$0.00
TOTAL				\$98.88

DURATION & TOTAL DESCRIPTION	UNIT	RATE	QTY	TOTAL
Labor	DAY	\$343.04	1	\$343.04
Equipment	DAY	\$98.88	1	\$98.88
Material / Misc.	LS	\$296.33	1	\$296.33
				\$0.00
	0	\$0.00	0	\$0.00
	0	\$0.00	0	\$0.00
	0	\$0.00	0	\$0.00
Total Cost				\$738.25

Mark-Up 15% \$ 110.74

Total Price **\$848.98**

Unit Price **1 LS** **\$ 848.98**



Jones Bros. Contractors, LLC

August 15, 2016

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

RE: Contract # 2014-0037
Project #'s: Federal-STP-M-9305(28); State-94LPLM-F3-018; PIN-109424.00
County: Williamson County
Description: City of Franklin Third Avenue North Trail / Greenway

Subject: Supplemental Request #012 – Additional Irrigation Requirements

Jones Bros. Contractors, LLC ("JBC") respectfully submits the pricing below* to incorporate the additional irrigation requirements requested by the owner.

*Pricing qualifications: Sawcutting of the concrete trail is required to service the new irrigation areas. Additional irrigation will be paid by over-running existing pay items. Subcontractor bond is not included in the itemized prices that will over-run. An additional change order will be required to reconcile the subcontractor bond costs for the additional work requested by the owner. Additional days are required for the additional irrigation work.

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	Additional Time Required
502-04.01	Sawcutting irrigation trench across 10' concrete trails for new irrigation lines	1.0	EACH	\$ 525.00	3-Days

The above pricing includes labor, equipment, materials, profit, overhead, and bond.

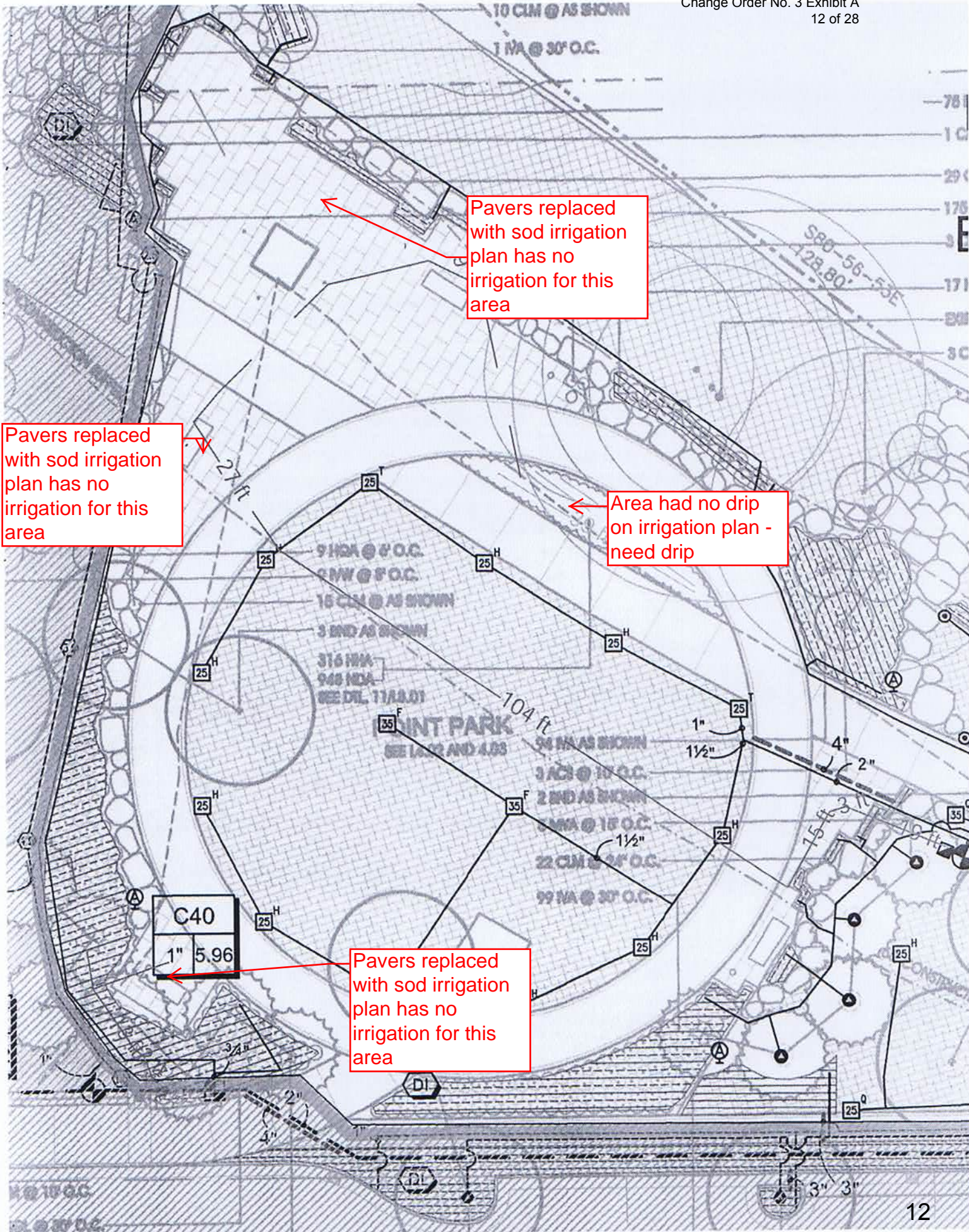
If you have any questions regarding this matter, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Josh Randall". The signature is cursive and fluid.

Josh Randall
Jones Bros. Contractors, LLC

Attachments: 4-pages



REED LANDSCAPING, INC.

Certified Minority Women Business

August 5, 2016

Revised 08/09/2016

Jones Brothers
P O Box 158067
Nashville TN 37215

CHANGE ORDER REQUEST: 006

Attention: Josh Randall

Re: 3rd Ave - Bicentennial Trail, Franklin TN

Below is our proposal as described. This is in addition to the quantities contracted.

ITEM #	DESCRIPTION	QTY	UNIT	RATE	PRICE
	Added irrigation to the areas that will receive sod in lieu of pavers as irrigation plan had no irrigation in these locations. Also includes drip line at planting beds that has no drip within design.	1	LS	-	-
	Bond Fee				-
	WILL OVER RUN QUANTITIES AND BOND FEE ADJUSTED ON COMPLETION			\$	-

CONTRACT TIME TO BE EXTENDED BY 3 DAYS

Note:

1.

We appreciate the opportunity to submit our proposal and thank you for the consideration.

Sincerely,

Letisia Smit
Project Manager
Reed Landscaping, Inc.

REED LANDSCAPING, INC.

Certified Minority Women Business

August 9, 2016

Jones Brothers
P O Box 158067
Nashville TN 37215

CHANGE ORDER REQUEST: 007

Attention: Josh Randall

Re: 3rd Ave - Bicentennial Trail, Franklin TN

Below is our proposal as described. This is in addition to the quantities contracted.

ITEM #	DESCRIPTION	QTY	UNIT	RATE	PRICE
	Saw cut concrete to run irrigation on northwest of bench	1	LS	500.00	500.00
					\$ 500.00

CONTRACT TIME TO BE EXTENDED BY 1 DAYS

Note:

1. To get irrigation in areas that had no irrigation on plans.

We appreciate the opportunity to submit our proposal and thank you for the consideration.

Sincerely,

Letisia Smit
Project Manager
Reed Landscaping, Inc.



Jones Bros. Contractors, LLC

August 1, 2016

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

RE: Contract # 2014-0037
Project #'s: Federal-STP-M-9305(28); State-94LPLM-F3-018; PIN-109424.00
County: Williamson County
Description: City of Franklin Third Avenue North Trail / Greenway

Subject: Supplemental Request #011 – Mulch & Irrigation Revisions

Jones Bros. Contractors, LLC ("JBC") respectfully submits the pricing below to incorporate the irrigation and mulch revisions requested by the owner.

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	Additional Time Required
801-06.10	Shredded Hardwood Mulch (Remove)	52	CY	(\$ 45.00)	0-Days
801-06.10	Pine Straw Mulch	50	CY	\$ 45.00	3-Days
920-12.01	1.5" Control valve with box	12	Each	\$ 3,911.04	4-Days
920-13.01	River Rock	255	SF	\$ 22.61	4-Days

The above pricing includes labor, equipment, materials, profit, overhead, and bond.

If you have any questions regarding this matter, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Josh Randall". The signature is fluid and cursive, with the first and last names being clearly legible.

Josh Randall
Jones Bros. Contractors, LLC

Attachments: 3-pages

REED LANDSCAPING, INC.

Certified Minority Women Business

July 20, 2016

Jones Brothers
P O Box 158067
Nashville TN 37215

CHANGE ORDER REQUEST: 002

Attention: Josh Randall

Re: 3rd Ave - Bicentennial Trail, Franklin TN

Below is our proposal as described. This is in addition to the quantities contracted.

ITEM #	DESCRIPTION	QTY	UNIT	RATE	PRICE
	Relocate mainline at overlook & brick walk location				
721-01.17	1.5" Control valve with box	12	EA	310.40	3,724.80
					\$ 3,724.80

CONTRACT TIME TO BE EXTENDED BY 4 DAYS

item No. 920-12.01

Note:

1. Written acknowledgment for the charges and extension of time to be received prior to work being performed.

We appreciate the opportunity to submit our proposal and thank you for the consideration.

Sincerely,

Letisia Smit
Project Manager
Reed Landscaping, Inc.

REED LANDSCAPING, INC.

Certified Minority Women Business

July 25, 2016

REVISED 07/28/2016

Jones Brothers
P O Box 158067
Nashville TN 37215

CHANGE ORDER REQUEST: 003

Attention: Josh Randall

Re: 3rd Ave - Bicentennial Trail, Franklin TN

Below is our proposal as described. This is in addition to the quantities contracted.

ITEM #	DESCRIPTION	QTY	UNIT	RATE	PRICE
ADD	Place 3"-5" River Slicks to water stairs at 6"	255	SF	21.06	5,370.30
DEDUCT	Original mulch for water stairs	2	CY	(45.00)	(90.00)
					5,280.30
	Bond Fee				121.45
					\$ 5,401.75

CONTRACT TIME TO BE EXTENDED BY 4 DAYS item No. 920-13.01

Note:

1. Written acknowledgement for the charges and extension of time to be received prior to work being performed.

We appreciate the opportunity to submit our proposal and thank you for the consideration.

Sincerely,

Letisia Smit
Project Manager
Reed Landscaping, Inc.

REED LANDSCAPING, INC.

Certified Minority Women Business

July 25, 2016

Jones Brothers
P O Box 158067
Nashville TN 37215

CHANGE ORDER REQUEST: 004

Attention: Josh Randall

Re: 3rd Ave - Bicentennial Trail, Franklin TN

Below is our proposal as described. This is in addition to the quantities contracted.

ITEM #	DESCRIPTION	QTY	UNIT	RATE	PRICE
	Upcharge for mulch to pine straw	0	CY	-	-
	Bond Fee				-
					\$ -

CONTRACT TIME TO BE EXTENDED BY ~~4~~ DAYS

Note:

3 Days

1. Written acknowledgement for extension of time to be received prior to work being performed.
2. Placing pine straw is more time consuming than shredded hardwood mulch.

We appreciate the opportunity to submit our proposal and thank you for the consideration.

Sincerely,

Letisia Smit
Project Manager
Reed Landscaping, Inc.



Jones Bros. Contractors, LLC

August 15, 2016

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

RE: Contract # 2014-0037
Project #'s: Federal-STP-M-9305(28); State-94LPLM-F3-018; PIN-109424.00
County: Williamson County
Description: City of Franklin Third Avenue North Trail / Greenway

Subject: Supplemental Request #013 – Overlook Lighting Fixtures

Jones Bros. Contractors, LLC (“JBC”) respectfully submits the pricing below to incorporate the work for purchasing and installing the owner-requested overlook lighting fixtures on the project.

It is understood that this work will be performed outside the contract scheduled time-frame.

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	Additional Time Required
714-09.09	LUMINAIRES (F10 – LED Flood Light)	4	EA	\$ 1,030.73	N/A
714-09.10	LUMINAIRES (F10A – LED Flood Light)	5	EA	\$ 1,021.95	N/A

The above pricing includes labor, equipment, materials, profit, overhead, and bond. A detailed breakdown is attached for your review.

If you have any questions regarding this matter, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Josh Randall". The signature is fluid and cursive, with the first name "Josh" and last name "Randall" clearly distinguishable.

Josh Randall
Jones Bros. Contractors, LLC

Attachments: 1-page

S & W CONTRACTING COMPANY, INC.
ELECTRICAL CONTRACTORS - TRAFFIC DIVISION
952 NEW SALEM ROAD
MURFREESBORO, TENNESSEE 37129
PHONE (615) 893-2511 FAX (615) 895-2030

Contract #. City of Franklin
Project #. Bicentennial Park - 1
County: Williamson
Bid Date: 9/9/2014
Date: 7/14/2016
Call No.:

QUOTATION:

CONTRACTOR: Jones Bros. Contractors, LLC
ATTENTION: Mr. Josh Randall

Item No.: Description:
F10 LED Flood Light
F10A LED Flood Light

Unit:	Qty:	Unit Price:	Total:
EA	4	\$ 962.40	\$ 3,849.60
EA	5	\$ 954.20	\$ 4,771.00

* 2% ^{SUB} BOND * 5% JBC
* 2% ^{SUB} BOND * 5% JBC

Total Cost: \$ 8,620.60
If Bond is required please add: \$ 172.41
Total Cost with Bond included: \$ 8,793.01

x1.05 = \$9,232.66

Excluded: Electrical Design, Engineering & Layout, Pavement Marking, Easements, Utility Fees
Sidewalk Repair, Street Repair, Roadway Permits, Rock, Traffic Control.

Mitch Arnold
Project Manager, Traffic Division
Home (615) 890-3337 - Mobile (615) 207-3327 - E-Mail marnold@sandwcontracting.com

Completion Date:

STATE OF TENNESSEE LICENSE

ID NUMBER: 18759

EXP. DATE: 05/31/17

CLASS: MC-A,C; E-B,C; BC; CE-B; CE; HRA-E(1);
UNLIMITED



"SUPPORT OUR TROOPS - GOD BLESS AMERICA"

S & W CONTRACTING COMPANY, INC.
ELECTRICAL CONTRACTORS - TRAFFIC DIVISION
952 NEW SALEM ROAD
MURFREESBORO, TENNESSEE 37129
PHONE (615) 893-2511 FAX (615) 895-2030

Contract #. City of Franklin
Project #. Bicentennial Park - 1
County: Williamson
Bid Date: 9/9/2014
Date: 11/2/2016
Call No.:

QUOTATION:

CONTRACTOR: Jones Bros. Contractors, LLC
ATTENTION: Mr. Josh Randall

Item No.:	Description:	Unit:	Qty:	Unit Price:	Total:
F10A	LED Flood Light	EA	5	\$ 1,543.11	\$ 7,715.55

Price includes taxes, freight and painting (Franklin Spec)

Total Cost: \$ 7,715.55

If Bond is required please add: \$ 154.31

Total Cost with Bond included: \$ 7,869.86

JRC 5%
↓
x 1.05
= 88263.53

Excluded: Electrical Design, Engineering & Layout, Pavement Marking, Easements, Utility Fees
Sidewalk Repair, Street Repair, Roadway Permits, Rock, Traffic Control.

Mitch Arnold
Project Manager, Traffic Division
Home (615) 890-3337 - Mobile (615) 207-3327 - E-Mail marnold@sandwcontracting.com

Completion Date:

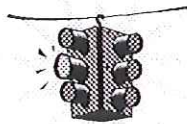
STATE OF TENNESSEE LICENSE

ID NUMBER: 18759

EXP. DATE: 05/31/17

CLASS: MC-A,C; E-B,C; BC; CE-B; CE; HRA-E(1);

UNLIMITED



"SUPPORT OUR TROOPS - GOD BLESS AMERICA"

REED LANDSCAPING, INC.

Certified Minority Women Business

October 11, 2016

Jones Brothers
P O Box 158067
Nashville TN 37215

CHANGE ORDER REQUEST: 012

Attention: Josh Randall

Re: 3rd Ave - Bicentennial Trail, Franklin TN

Below is our proposal as described. This is in addition to the quantities contracted.

ITEM #	DESCRIPTION	QTY	UNIT	RATE	PRICE
	Remove in placed lpe decking from the end of the overlook 7 lf in total	1	LS	4,258.99	4,258.99
					\$ 4,258.99

Note:

1. Approval to be received prior to lpe decking being ordered.
2. Lead time 5 business days from date order has been placed.
3. Anticipate 1.5 days to remove and 1.5 days to re-install.

We appreciate the opportunity to submit our proposal and thank you for the consideration.

Sincerely,

Letisia Smit
Project Manager
Reed Landscaping, Inc.

City of Franklin - 3rd Avenue North Trail/Greenway (Bicentennial Park - Phase I)
Overrun/Underrun Cost Breakdown Federal Project No. STP-M-9305(28), State Project No. 94LPLM-F3-018, PIN: 109424.00, Wiser Project No. 15-08-0201

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Quantity Used	Actual Total Contract Cost	Total Estimated Contract Cost	Difference Between Final Cost and Estimated Cost	Additions	Deductions
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1	\$ 22,200.00	1.000	\$ 22,200.00	\$ 22,200.00	\$0.00	\$ -	\$ -
201-01	CLEARING AND GRUBBING	LS	1	\$ 80,000.00	1.000	\$ 80,000.00	\$ 80,000.00	\$0.00	\$ -	\$ -
202-13	WELL ABANDONMENT	EACH	3	\$ 3,500.00	2.00	\$ 7,000.00	\$ 10,500.00	-\$3,500.00		\$ (3,500.00)
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	4442	\$ 16.50	4497.56	\$ 74,209.74	\$ 73,293.00	\$916.74	\$ 916.74	
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	TON	200	\$ 18.00	174.62	\$ 3,143.16	\$ 3,600.00	-\$456.84		\$ (456.84)
203-04	PLACING AND SPREADING TOPSOIL	C.Y.	1560	\$ 8.00	1560.00	\$ 12,480.00	\$ 12,480.00	\$0.00	\$ -	\$ -
203-05	UNDERCUTTING	C.Y.	500	\$ 20.00	462.66	\$ 9,253.20	\$ 10,000.00	-\$746.80		\$ (746.80)
204-02.11	DRILLED CAISSON - EARTH	L.F.	150	\$ 300.00	113.00	\$ 33,900.00	\$ 45,000.00	-\$11,100.00		\$ (11,100.00)
204-02.20	DRILLED CAISSON - ROCK	L.F.	50	\$ 832.00	35.00	\$ 29,120.00	\$ 41,600.00	-\$12,480.00		\$ (12,480.00)
209-03.21	FILTER SOCK (12 INCH)	L.F.	500	\$ 4.15	770.00	\$ 3,195.50	\$ 2,075.00	\$1,120.50	\$ 1,120.50	
209-05	SEDIMENT REMOVAL	C.Y.	200	\$ 12.00	48.00	\$ 576.00	\$ 2,400.00	-\$1,824.00		\$ (1,824.00)
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	3100	\$ 4.00	1682.00	\$ 6,728.00	\$ 12,400.00	-\$5,672.00		\$ (5,672.00)
209-08.07	ROCK CHECK DAM	EACH	5	\$ 400.00	3.00	\$ 1,200.00	\$ 2,000.00	-\$800.00		\$ (800.00)
209-09.01	SANDBAGS	EACH	4000	\$ 4.50	1227.00	\$ 5,521.50	\$ 18,000.00	-\$12,478.50		\$ (12,478.50)
209-09.03	SEDIMENT FILTER BAG (15'x15')	EACH	1	\$ 1,250.00	4.00	\$ 5,000.00	\$ 1,250.00	\$3,750.00	\$ 3,750.00	
209-13.04	TURBIDITY CURTAINS, (WITHOUT LIGHTED BUOYS)	L.F.	285	\$ 55.00	285.00	\$ 15,675.00	\$ 15,675.00	\$0.00	\$ -	\$ -
209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	150	\$ 4.00	275.18	\$ 1,100.72	\$ 600.00	\$500.72	\$ 500.72	
209-40.34	CATCH BASIN PROTECTION (TYPE E)	EACH	2	\$ 355.00	1.00	\$ 355.00	\$ 710.00	-\$355.00		\$ (355.00)
209-65.04	TEMPORARY INSTREAM DIVERSION	L.F.	200	\$ 85.00	200.00	\$ 17,000.00	\$ 17,000.00	\$0.00	\$ -	\$ -
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	400	\$ 30.00	748.55	\$ 22,456.50	\$ 12,000.00	\$10,456.50	\$ 10,456.50	
303-01.03	GRANULAR BACKFILL (RETAINING WALLS)	TON	27	\$ 50.00	66.94	\$ 3,347.00	\$ 1,350.00	\$1,997.00	\$ 1,997.00	
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	80	\$ 35.00	299.66	\$ 10,488.10	\$ 2,800.00	\$7,688.10	\$ 7,688.10	
602-02.01	STRUCTURAL STEEL (OVERLOOK)	LB.	7990	\$ 7.00	7990.00	\$ 55,930.00	\$ 55,930.00	\$0.00	\$ -	\$ -
604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.	44	\$ 815.00	89.46	\$ 72,909.90	\$ 35,860.00	\$37,049.90	\$ 37,049.90	
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	LB.	8025	\$ 1.50	15562.00	\$ 23,343.00	\$ 12,037.50	\$11,305.50	\$ 11,305.50	
604-03.07	CLASS A CONCRETE (EXPOSED AGGREGATE)	C.Y.	45	\$ 2,050.00	15.68	\$ 32,144.00	\$ 92,250.00	-\$60,106.00		\$ (60,106.00)
604-07.01	RETAINING WALL (WALL NO.3 PER PLAN)	S.F.	258	\$ 75.00	258.00	\$ 19,350.00	\$ 19,350.00	\$0.00	\$ -	\$ -
604-07.54	CUT STONE BENCH (96" X 36" X 30")	EACH	4	\$ 7,500.00	4.00	\$ 30,000.00	\$ 30,000.00	\$0.00	\$ -	\$ -
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	63	\$ 85.00	104.00	\$ 8,840.00	\$ 5,355.00	\$3,485.00	\$ 3,485.00	
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	27	\$ 115.00	32.00	\$ 3,680.00	\$ 3,105.00	\$575.00	\$ 575.00	
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	L.F.	40	\$ 135.00	40.00	\$ 5,400.00	\$ 5,400.00	\$0.00	\$ -	\$ -
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	16	\$ 485.00	19.82	\$ 9,612.70	\$ 7,760.00	\$1,852.70	\$ 1,852.70	
611-07.02	STEEL BAR REINFORCING (PIPE ENDWALLS)	LB.	1100	\$ 1.70	362.00	\$ 615.40	\$ 1,870.00	-\$1,254.60		\$ (1,254.60)
620-02	STEEL RAILING (DECORATIVE RAILING AT OVERLOOK)	L.F.	150	\$ 140.00	132.750	\$ 18,585.00	\$ 21,000.00	-\$2,415.00		\$ (2,415.00)
701-01.02	CONCRETE SIDEWALK (6 ")	S.F.	14276	\$ 5.45	14576.25	\$ 79,440.56	\$ 77,804.20	\$1,636.36	\$ 1,636.36	
701-01.20	BRICK SIDEWALK	S.Y.	505	\$ 188.00	541.00	\$ 101,708.00	\$ 94,940.00	\$6,768.00	\$ 6,768.00	
701-01.21	BRICK HANDICAP RAMP	S.F.	50	\$ 88.00	28.00	\$ 2,464.00	\$ 4,400.00	-\$1,936.00		\$ (1,936.00)
707-01	TREE PROTECTION FENCE	L.F.	600	\$ 12.50	1635.00	\$ 20,437.50	\$ 7,500.00	\$12,937.50	\$ 12,937.50	
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	50	\$ 28.50	154.42	\$ 4,400.97	\$ 1,425.00	\$2,975.97	\$ 2,975.97	
709-05.08	MACHINED RIP-RAP (CLASS B)	TON	260	\$ 42.50	170.05	\$ 7,227.13	\$ 11,050.00	-\$3,822.88		\$ (3,822.88)
709-25	BOULDERS - AVERAGE 2-4 TON PER BOULDER	TON	120	\$ 195.00	450.50	\$ 87,847.50	\$ 23,400.00	\$64,447.50	\$ 64,447.50	
709-25.01	BOULDERS (INSTALL ONLY)	EACH	50	\$ 365.00	53.00	\$ 19,345.00	\$ 18,250.00	\$1,095.00	\$ 1,095.00	
712-01	TRAFFIC CONTROL	LS	1	\$ 33,000.00	1.00	\$ 33,000.00	\$ 33,000.00	\$0.00	\$ -	\$ -

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Quantity Used	Actual Total Contract Cost	Total Estimated Contract Cost	Difference Between Final Cost and Estimated Cost	Additions	Deductions
714-01.37	LIGHT STANDARDS (INSTALL PEDESTRIAN/STREET LIGHTS COMPLETE INCLUDING POLE BASES)	EACH	2	\$ 1,800.00	2.00	\$ 3,600.00	\$ 3,600.00	\$0.00	\$ -	\$ -
714-01.40	LIGHT STANDARDS (INSTALL POINT PARK LIGHTS COMPLETE INCLUDING POLE BASES)	EACH	5	\$ 1,800.00	5.00	\$ 9,000.00	\$ 9,000.00	\$0.00	\$ -	\$ -
714-01.65	EXTERIOR LIGHTING COMPLETE (INSTALL SURFACE MOUNTED LIGHTS AT OVERLOOK)	EACH	14	\$ 725.00	9.00	\$ 6,525.00	\$ 10,150.00	-\$3,625.00	\$ -	\$ (3,625.00)
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCH40)	L.F.	70	\$ 8.00	0.00	\$ -	\$ 560.00	-\$560.00	\$ -	\$ (560.00)
714-03.03	DIRECT BURIAL CONDUIT (1" PVC, SCH40)	L.F.	70	\$ 6.00	150.00	\$ 900.00	\$ 420.00	\$480.00	\$ 480.00	\$ -
714-03.06	DIRECT BURIAL CONDUIT (3/4" PVC, SCH40)	L.F.	670	\$ 5.00	820.00	\$ 4,100.00	\$ 3,350.00	\$750.00	\$ 750.00	\$ -
714-05.06	PULL BOX (FOR ELECTRICAL, 6"x6"x6", EXTERIOR RATED)	EACH	6	\$ 250.00	0.00	\$ -	\$ 1,500.00	-\$1,500.00	\$ -	\$ (1,500.00)
714-05.07	PULL BOX (FOR ELECTRICAL, 12"x12"x12", TRAFFIC RATED)	EACH	2	\$ 350.00	2.00	\$ 700.00	\$ 700.00	\$0.00	\$ -	\$ -
714-06.03	CABLE (1/C #10 AWG)	L.F.	2645	\$ 0.60	3140.00	\$ 1,884.00	\$ 1,587.00	\$297.00	\$ 297.00	\$ -
714-06.04	CABLE (1/C #8 AWG)	L.F.	405	\$ 0.90	50.00	\$ 45.00	\$ 364.50	-\$319.50	\$ -	\$ (319.50)
714-06.05	CABLE (1/C #6 AWG)	L.F.	160	\$ 1.20	55.00	\$ 66.00	\$ 192.00	-\$126.00	\$ -	\$ (126.00)
717-01	MOBILIZATION	LS	1	\$ 175,000.00	1.00	\$ 175,000.00	\$ 175,000.00	\$0.00	\$ -	\$ -
721-01.07	RAIN BIRD 1806-SAM-PRS 6" POP-UP SPRAY SPRINKLER W\NOZZLE	EACH	15	\$ 27.75	63.00	\$ 1,748.25	\$ 416.25	\$1,332.00	\$ 1,332.00	\$ -
721-01.09	RAIN BIRD 5006-PL-PC, FC-PC 6" ROTOR SPRINKLER	EACH	26	\$ 49.70	0.00	\$ -	\$ 1,292.20	-\$1,292.20	\$ -	\$ (1,292.20)
721-01.11	RAIN BIRD KCZ-100-PRB-COM 1" DRIP CONTROL VALVE W\BOX	EACH	2	\$ 520.63	6.00	\$ 3,123.78	\$ 1,041.26	\$2,082.52	\$ 2,082.52	\$ -
721-01.12	RAIN BIRD ARV050 AIR RELEASE W\BOX	EACH	4	\$ 92.40	6.00	\$ 554.40	\$ 369.60	\$184.80	\$ 184.80	\$ -
721-01.14	RAIN BIRD XFS-06-12 DRIP LINE WITH FITTINGS\STAKES	L.F.	200	\$ 0.55	350.00	\$ 192.50	\$ 110.00	\$82.50	\$ 82.50	\$ -
721-01.15	RAIN BIRD XFS-06-18 DRIP LINE WITH FITTINGS\STAKES	L.F.	2000	\$ 1.25	3174.00	\$ 3,967.50	\$ 2,500.00	\$1,467.50	\$ 1,467.50	\$ -
721-01.16	RAIN BIRD PES-100 1" CONTROL VALVE W\BOX	EACH	1	\$ 321.80	1.00	\$ 321.80	\$ 321.80	\$0.00	\$ -	\$ -
721-01.17	RAIN BIRD PESBR-150 1.5" CONTROL VALVE W\BOX	EACH	2	\$ 328.15	7.00	\$ 2,297.05	\$ 656.30	\$1,640.75	\$ 1,640.75	\$ -
721-01.23	RAIN BIRD 33LRC 1" QUICK COUPLING VALVE W\BOX , KEY AND HOSE SWIVEL	EACH	1	\$ 310.40	1.00	\$ 310.40	\$ 310.40	\$0.00	\$ -	\$ -
721-01.29	MOISTURE SENSOR W\WIRE AND VALVE BOX (INSTALL ONLY)	EACH	2	\$ 250.00	2.00	\$ 500.00	\$ 500.00	\$0.00	\$ -	\$ -
721-01.30	CLASS 200 PVC LATERAL PIPE 3/4" AND FITTINGS	L.F.	1800	\$ 0.50	500.00	\$ 250.00	\$ 900.00	-\$650.00	\$ -	\$ (650.00)
721-01.32	CLASS 200 PVC LATERAL PIPE 1" AND FITTINGS	L.F.	40	\$ 0.58	1840.00	\$ 1,067.20	\$ 23.20	\$1,044.00	\$ 1,044.00	\$ -
721-01.33	CLASS 200 PVC LATERAL PIPE 1.50" AND FITTINGS	L.F.	80	\$ 1.25	475.00	\$ 593.75	\$ 100.00	\$493.75	\$ 493.75	\$ -
721-01.34	CLASS 200 PVC LATERAL PIPE 2" AND FITTINGS	L.F.	60	\$ 1.85	60.00	\$ 111.00	\$ 111.00	\$0.00	\$ -	\$ -
721-01.35	CLASS 200 PVC MAINLINE PIPE 1.50" AND FITTINGS	L.F.	30	\$ 1.25	50.00	\$ 62.50	\$ 37.50	\$25.00	\$ 25.00	\$ -
721-01.36	CLASS 200 PVC MAINLINE PIPE 2" AND FITTINGS	L.F.	100	\$ 1.85	100.00	\$ 185.00	\$ 185.00	\$0.00	\$ -	\$ -
721.01.37	SCH 40 PVC SLEEVE 3"	L.F.	30	\$ 1.73	30.00	\$ 51.90	\$ 51.90	\$0.00	\$ -	\$ -
721.01.38	SCH 40 PVC SLEEVE 4"	L.F.	40	\$ 7.50	40.00	\$ 300.00	\$ 300.00	\$0.00	\$ -	\$ -
721.01.39	2 WIRE 14 GA CONTROL WIRE AND WIRE SPLICES	L.F.	150	\$ 7.10	238.00	\$ 1,689.80	\$ 1,065.00	\$624.80	\$ 624.80	\$ -
721.01.41	SINGLE STATION BICODER (INSTALL ONLY)	EACH	4	\$ 150.00	4.00	\$ 600.00	\$ 600.00	\$0.00	\$ -	\$ -
730-12.16	CONDUIT (1/2" PVC, SCH40 - OVERLOOK LIGHTING)	L.F.	140	\$ 5.00	130.00	\$ 650.00	\$ 700.00	-\$50.00	\$ -	\$ (50.00)
730-12.17	CONDUIT (3/4" PVC, SCH40 - OVERLOOK LIGHTING)	L.F.	80	\$ 6.00	70.00	\$ 420.00	\$ 480.00	-\$60.00	\$ -	\$ (60.00)
740-10.03	GEOTEXTILE (TYPE III) (EROSION CONTROL)	S.Y.	175	\$ 3.40	240.43	\$ 817.46	\$ 595.00	\$222.46	\$ 222.46	\$ -
740-10.04	GEOTEXTILE (TYPE IV) (STABILIZATION)	S.Y.	10	\$ 1.80	1703.00	\$ 3,065.40	\$ 18.00	\$3,047.40	\$ 3,047.40	\$ -
801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	120	\$ 21.00	127.14	\$ 2,669.94	\$ 2,520.00	\$149.94	\$ 149.94	\$ -
801-01.70	SEEDING WITH MULCH (FESCUE SEED BLEND)	UNIT	116	\$ 25.50	158.11	\$ 4,031.81	\$ 2,958.00	\$1,073.81	\$ 1,073.81	\$ -
801-01.71	HYDROSEED RIVERBANK SEED MIX	UNIT	8	\$ 165.00	0.00	\$ -	\$ 1,320.00	-\$1,320.00	\$ -	\$ (1,320.00)
801-03	WATER (SEEDING & SODDING)	M.G.	70	\$ 25.50	0.00	\$ -	\$ 1,785.00	-\$1,785.00	\$ -	\$ (1,785.00)
801-06.10	SHREDDED HARDWOOD MULCH (LANDSCAPING)	C.Y.	52	\$ 45.00	0.00	\$ -	\$ 2,340.00	-\$2,340.00	\$ -	\$ (2,340.00)
802-01.11	AMELANCHIER CANADENSIS - 3 STEMS @ 1.5" CAL, B&B, 10' HT	EACH	3	\$ 225.00	3.00	\$ 675.00	\$ 675.00	\$0.00	\$ -	\$ -
802-01.14	BETULA NIGRA 'DURAHEAT' - 1 STEM @ 3" CAL, 2 STEMS @ 2" CAL, B&B, 20' HT	EACH	8	\$ 195.00	8.00	\$ 1,560.00	\$ 1,560.00	\$0.00	\$ -	\$ -
802-01.19	MAGNOLIA VIRGINAINA - B&B, 14 HT, 3 STEM MIN @ 1.5"	EACH	15	\$ 205.00	15.00	\$ 3,075.00	\$ 3,075.00	\$0.00	\$ -	\$ -
802-03.12	CORNUS AMOMUM, 36" SPD X 60" HT, B&B	EACH	6	\$ 41.50	6.00	\$ 249.00	\$ 249.00	\$0.00	\$ -	\$ -

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Quantity Used	Actual Total Contract Cost	Total Estimated Contract Cost	Difference Between Final Cost and Estimated Cost	Additions	Deductions
802-03.15	ITEA VIRGINICA 'HENRY'S GARNET' - 18" SPD X 24" HT, CONT	EACH	222	\$ 28.95	222.00	\$ 6,426.90	\$ 6,426.90	\$0.00	\$ -	\$ -
802-03.17	NYSSA SYLVATICA 'WILDFIRE' - 4" CAL, B&B, 18' HT	EACH	1	\$ 500.00	1.00	\$ 500.00	\$ 500.00	\$0.00	\$ -	\$ -
802-04.12	CHASMANTHIUM LATIFLIUM - 1 GAL, CONT	EACH	172	\$ 8.35	308.00	\$ 2,571.80	\$ 1,436.20	\$1,135.60	\$ 1,135.60	
802-04.15	RHUS AROMATICA 'GRO-LOW' - 18" SPREAD, 24" HT, CONT	EACH	278	\$ 40.50	428.00	\$ 17,334.00	\$ 11,259.00	\$6,075.00	\$ 6,075.00	
802-04.16	HYDRANGAEA ARBORESCENS 'ANABELLE' - 24" SPD, 24" HT, CONT	EACH	17	\$ 40.50	17.00	\$ 688.50	\$ 688.50	\$0.00	\$ -	\$ -
802-04.17	HEMEROCALLIS HYBRIDA 'HYPERION' - 1 GAL, CONT	EACH	316	\$ 7.95	316.00	\$ 2,512.20	\$ 2,512.20	\$0.00	\$ -	\$ -
802-04.18	NARCISSUS 'CARLTON' - DN2 GRADE BULB	EACH	948	\$ 0.80	948.00	\$ 758.40	\$ 758.40	\$0.00		\$ -
802-06.08	METAL LANDSCAPE BED EDGE	L.F.	160	\$ 14.65	150.00	\$ 2,197.50	\$ 2,344.00	-\$146.50		\$ (146.50)
803-01	SODDING (NEW SOD)	S.Y.	4,500	\$ 2.75	1250.00	\$ 3,437.50	\$ 12,375.00	-\$8,937.50		\$ (8,937.50)
805-12.01	EROSION CONTROL BLANKET (TYPE I)	S.Y.	160	\$ 4.95	0.00	\$ -	\$ 792.00	-\$792.00		\$ (792.00)
805-12.02	EROSION CONTROL BLANKET (TYPE II)	S.Y.	100	\$ 1.05	300.00	\$ 315.00	\$ 105.00	\$210.00	\$ 210.00	
805-12.04	EROSION CONTROL BLANKET (TYPE IV)	S.Y.	1,357	\$ 1.50	415.92	\$ 623.88	\$ 2,035.50	-\$1,411.62		\$ (1,411.62)
806-02.03	PROJECT MOWING CYCLE	CYCLE	2	\$ 4,500.00	2.00	\$ 9,000.00	\$ 9,000.00	\$0.00	\$ -	\$ -
920-11.01	IPE WOOD DECK (INCLUDES ALL FIXTURE, MOUNTINGS, AND CONNECTIONS)	SF	530	\$ 35.50	530.00	\$ 18,815.00	\$ 18,815.00	\$0.00	\$ -	\$ -
	Subtotal					\$ 1,302,371.19	\$ 1,253,257.31	\$49,113.88	\$ 192,976.82	\$ (143,862.94)
	CHANGE ORDER ITEMS									
CHANGE ORDER #1										
611-01.03	MANHOLE > 8FT-12FT DEPTH	EACH	1	\$6,953.40	1.00	\$ 6,953.40	\$ 6,953.40	\$0.00	\$ -	\$ -
611-12.01	CATCH BASIN, TYPE 12, 0FT-4FT DEPTH	EACH	1	\$4,187.35	1.00	\$ 4,187.35	\$ 4,187.35	\$0.00	\$ -	\$ -
CHANGE ORDER #2										
201-01.01	ADDITIONAL CLEARING AND GRUBBING	LS	1	\$3,412.50	1.00	\$ 3,412.50	\$ 3,412.50	\$0.00	\$ -	\$ -
625-02.26	DRILLED SHAFT CASING-PERMANENT	VF	58.33	\$95.00	58.33	\$ 5,541.35	\$ 5,541.35	\$0.00	\$ -	\$ -
CHANGE ORDER #3										
203-02.05	BORROW EXCAVATION (SELECT - SURGE STONE)	TON	200.00	\$36.50	433.34	\$ 15,816.91	\$ 7,300.00	\$8,516.91	\$ 8,516.91	
203-07	FURNISHING AND SPREADING TOPSOIL	CY	300.00	\$16.25	792.00	\$ 12,870.00	\$ 4,875.00	\$7,995.00	\$ 7,995.00	
CHANGE ORDER #4										
105-01.50	CONSTRUCTION LAYOUT (ADDITIONAL SURVEY)	LS	1.00	\$1,118.25	1.00	\$ 1,118.25	\$ 1,118.25	\$0.00	\$ -	\$ -
CHANGE ORDER #5										
714-03	JACK OR BORED CONDUIT (2" SCH 80 PVC)	LF	100.00	\$23.56	200.00	\$ 4,712.00	\$ 2,356.00	\$2,356.00	\$ 2,356.00	
714-05.07	PULL BOX (12"x12"x12" TRAFFIC RATED)	EACH	2	\$321.30	0.00	\$ -	\$ 642.60	-\$642.60		\$ (642.60)
CHANGE ORDER #6										
717-01.04	MOBILIZATION (SPECIAL EVENT)	LS	1	\$3,750.00	1.00	\$ 3,750.00	\$ 3,750.00	\$0.00	\$ -	\$ -
801-06.10	SHREDDED HARDWOOD MULCH (LANDSCAPING)	CY	52	-\$45.00			\$ (2,340.00)	\$2,340.00	\$ 2,340.00	
801-06.10	PINE STRAW MULCH	CY	50	\$45.00	60.00	\$ 2,700.00	\$ 2,250.00	\$450.00	\$ 450.00	
920-12.01	RELOCATE LOWER EXISTING IRRIGATION	LS	1	\$3,724.80	1.00	\$ 3,724.80	\$ 3,724.80	\$0.00	\$ -	\$ -
920-13.01	RIVER ROCK	SF	255	\$22.24	255.00	\$ 5,671.20	\$ 5,671.20	\$0.00	\$ -	\$ -
CHANGE ORDER #7										
104-01.02	RAISE EXISTING CASTINGS	LS	1	\$848.98	1.00	\$ 848.98	\$ 848.98	\$0.00	\$ -	\$ -
502-04.01	SAW CUT CONCRETE	EACH	1	\$525.00	1.00	\$ 525.00	\$ 525.00	\$0.00	\$ -	\$ -
920-12.01	RELOCATE LOWER EXISTING IRRIGATION (JBC 5% MARKUP FROM CO #6)	LS	1	\$186.24	1.00	\$ 186.24	\$ 186.24	\$0.00	\$ -	\$ -
920-13.01	RIVER ROCK (REVISED DUE TO MISCALCULATION ON COF #2)	SF	255	\$0.37	255.00	\$ 94.35	\$ 94.35	\$0.00	\$ -	\$ -
CHANGE ORDER #8										
714-09.09	LUMINAIRES (F10-LED FLOOD LIGHTS)	EACH	4	\$1,030.73	4.00	\$ 4,122.92	\$ 4,122.92	\$0.00	\$ -	\$ -
714-09.10	LUMINAIRES (F10A-LED FLOOD LIGHTS)	EACH	5	\$1,021.95	5.00	\$ 5,109.75	\$ 5,109.75	\$0.00	\$ -	\$ -
714-09.11	LUMINAIRES (F10A-LED FLOOD LIGHTS) NEW	EACH	5	\$1,652.67	5.00	\$ 8,263.35	\$ 8,263.35	\$0.00	\$ -	\$ -
920-14.01	IPE DECKING AND WELDING REPAIR	LS	1	\$4,500.00	1.00	\$ 4,500.00	\$ 4,500.00	\$0.00	\$ -	\$ -
	Change Order Subtotal					\$ 94,108.35	\$ 73,093.04	\$21,015.31	\$ 21,657.91	\$ (642.60)

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Quantity Used	Actual Total Contract Cost	Total Estimated Contract Cost	Difference Between Final Cost and Estimated Cost	Additions	Deductions
	STORED MATERIALS							\$0.00	\$ -	\$ -
	STORED MATERIALS SUBTOTAL					\$ -	\$ -	\$0.00	\$ -	\$ -
	Total Completed & Stored					\$ 1,396,479.54	\$ 1,326,350.35	\$70,129.19	\$ 70,129.19	
	0% Retainage					\$ -		\$0.00	\$ -	\$ -
	Total of Previous Payments / Cost to Date Minus Retainage					\$ 1,396,479.54		\$1,396,479.54		
	TOTAL OVERRUN/UNDERRUNS FOR 3rd AVENUE TRAIL								\$ 70,129.19	Overrun

EXPLANATION OF OVERRUNS AND UNDERRUNS

FEDERAL PROJECT NO.

STP-M-9305(28)

STATE PROJECT NO.

94LPLM-F3-018

REFERENCE NO.

109424

COUNTY

WILLIAMSON

15%

40%

ORIGINAL CONTRACT AMOUNT

\$1,253,257.31

MAJOR ITEM AMOUNT

\$187,988.60

OF ORIGINAL CONTRACT AMOUNT

\$501,302.92

ITEM NO.	DESCRIPTION	+ OVERRUN - UNDERRUN	UNIT	EXPLANATION
604-01.01	CLASS A CONCRETE (ROADWAY)	45.46	CY	City of Franklin decided to use more Class A Concrete (Roadway) in order to provide a greater contrast within the water stairs.
604-01.02	STEEL BAR REINFORCEMENT (ROADWAY)	7,537.00	LBS	Additional steel bar reinforcement was required for the water stairs. Original quantity that was calculated was not correct.
604-03.07	CLASS A CONCRETE (EXPOSED AGGREGATE)	(29.32)	CY	City of Franklin decided to use less Class A Concrete (Exposed Aggregate) for the water stairs as Class A Concrete was substituted in order to provide a greater contrast within the water stairs.
707-01	TREE PROTECTION FENCE	1035	L.F.	Tree protection fence was only called out for the tree areas and it was utilized for separation between the project site and the public at the existing brick sidewalk.
709-25	BOULDERS - AVERAGE 2-4 TON PER BOULDER	330.50	TON	Plan quantities called out for area under overlook to have Class B Rip Rap in order to save money based on cost from previous project. However, when work on the overlook was occurring, contractor had boulders on other project that COF approved to utilize in order to achieve original design intent of plans.
802-04.15	RHUS AROMATICA 'GRO-LOW'-18" SPREAD, 24" HT, CONT	150.000	EACH	Contract quantity only account for 278, as these were to be spaced out throughout the project site. COF states they would add additional to meet original plan intent.
611-01.03	MANHOLE > 8FT-12FT DEPTH	1.000	EACH	See TDOT Change Order #1.
611-12.01	CATCH BASIN, TYPE 12, 0FT-4FT DEPTH	1.000	EACH	See TDOT Change Order #1.
201-01.01	ADDITIONAL CLEARING AND GRUBBING	1.000	LS	See TDOT Change Order #2.
625-02.26	DRILLED SHAFT CASING-PERMANENT	58.330	V.F.	See TDOT Change Order #2.
203-02.05	BORROW EXCAVATION (SELECT-SURGE STONE)	433.340	TON	See TDOT Change Order #3. Quantity was estimated to be 200 Tons, but 433.34 Tons were used due to additional backfill needed behind the water stairs and overlook area.
203-07	FURNISHING AND SPREADING TOPSOIL	792.000	CY	See TDOT Change Order #3. Very little topsoil was located on the project site, therefore in order to provide proper topsoil throughout the project site, additional topsoil had to be imported. Original quantity was estimated at 300 CY but 792 CY was required.
105-01.50	CONSTRUCTION LAYOUT (ADDITIONAL SURVEY)	1.000	LS	See TDOT Change Order #4.
714-03	JACK OR BORED CONDUIT (2" SCH 80 PVC)	200.000	LF	See TDOT Change Order #5.
717-01.04	MOBILIZATION (SPECIAL EVENT)	1.000	LS	See TDOT Change Order #6.
801-06.10	SHREDDED HARDWOOD MULCH (LANDSCAP	(52.000)	CY	See TDOT Change Order #6.
801-06.10	PINE STRAW MULCH	60.000	CY	See TDOT Change Order #6. Pine Straw was substituted for hardwood mulch. Estimated quantity was to be 50 CY of pine straw, but contractor ended up using 60 CY in order to cover all landscape areas properly.
920-12.01	RELOCATE LOWER EXISTING IRRIGATION	1.000	LS	See TDOT Change Order #6.
920-13.01	RIVER ROCK	255.000	SF	See TDOT Change Order #6.

104-01.02	RAISE EXISTING CASTINGS	1.000	LS	See TDOT Change Order #7.
502-04.01	SAW CUT CONCRETE	1.000	EACH	See TDOT Change Order #7.
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCH40)	(70.000)	LF	S&W did not need to install 2" conduit on the project as only 1" was used throughout the project site.
714-05.06	PULL BOX (FOR ELECTRICAL, 6"x6"x6", EXTERIOR RATED)	(6.000)	EACH	12"x12"x12" Pull Boxes were used, but no 6"x6"x6" boxes were required.
721-01.09	RAIN BIRD 5006-PL-PC, FC-PC 6" ROTOR SPRINKLER	(26.000)	EACH	Reed Landscaping in conjunction with the COF Parks Department agreed that the use of the MP Rotor Sprinklers were a better use for the project, therefore, these were not used.
801-01.71	HYDROSEED RIVERBANK SEED MIX	(8.000)	UNIT	Due to extensive vegetation along the riverbank and no additional clearing required, there was no need to hydroseed the riverbank to provide stabilization.
801-03	WATER (SEEDING & SODDING)	(70.000)	M.G.	Since the project contained irrigation, no water was required as all plantings were installed after the irrigation was functional.
805-12.01	EROSION CONTROL BLANKET (TYPE I)	(160.000)	S.Y.	Erosion Control Blanket Type I was not utilized as Type 2 was utilized in all areas that required it on the project.

101.64- Major and Minor Items. ” Major Items will be determined as follows:

- a. Any original contract item having a value of 15% or more of the original contract amount, based on the original estimated quantity, shall be a major item.
- b. The accumulation of the least number of individual items that total at least 40% of the original contract amount also shall be major items. The items shall be totaled sequentially starting with the largest item (based on original prices and quantities).
- c. Any items that do not meet (a) or (b) above shall be minor items.

CIRCULAR LETTER

Section: 109.03 Compensation for Altered Quantities
Number: 109.03-01
Subject: Overrun and Underrun Explanations
Date: December 1, 2009

Explanations for overruns and underruns on revised and/or final estimates are to be provided in accordance with the following guidelines:

1. Explanations are to be given if an item is not used.
2. Explain items covered by a Supplemental Agreement by referring to the Supplemental Agreement, e.g., "See Supplemental Agreement No. ____."
3. Explain items covered by a Plans Revision by referring to the Plans Revision, e.g., "See Plans Revision dated ____."
4. Explanations are to be given for overruns or underruns on major items (as defined in Subsection 101.64 of the Standard Specifications) if the final quantity varies from the original quantity by 10% or more.
5. Explanations are to be given if the Engineer extends time due to overruns in accordance with Subsection 108.06 of the Standard Specifications and Circular Letter 108.06-02.
6. Explanations are to be given for overruns and underruns due to other factors considered significant by the project Supervisor.

Explanations for changes not consistent with the above will be required if deemed significant by the Regional Construction Office, Headquarters Construction Office or Federal Highway Administration.