

Request for Construction Change
Change Order No. 2

City of Franklin	Contract No.	<u>2015-0002</u>
Engineering Office	Project	<u>TDOT PIN 108409.00</u>
109 Third Avenue South		<u>STP-EN-106(22)</u>
Franklin, TN 37064		<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
12	795-50.10	Additional Work (install DDCV w/ FDC Assembly and vault)	L.S.	1	\$30,056.25	\$30,056.25
13	730-12.20	Decorative Traffic Signal Bases	EA	10	\$2,410.00	\$24,100.00
14	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	LF	-1053.4	\$47.00	-\$49,509.80
14	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	LF	-65	\$58.00	-\$3,770.00
14	611-42.01	CATCH BASINS, TYPE 42, DEPTH 0' - 4', (COMPLETE IN-PLACE)	EA	-35	\$2,700.00	-\$94,500.00
14	607-02.30	15" PIPE CULVERT (ADS HP DRAIN PIPE)	LF	55	\$44.20	\$2,431.00
14	607-03.30	18" PIPE CULVERT (ADS HP DRAIN PIPE)	LF	998.94	\$48.80	\$48,748.27
14	607-05.30	24" PIPE CULVERT (ADS HP DRAIN PIPE)	LF	41	\$63.14	\$2,588.74
14	611-90.01	CATCH BASINS TYPE 42A 24" ADS < 5-10' DEPTH	EA	38	\$2,701.70	\$102,664.60
14	611-90.02	CATCH BASINS TYPE 42A 24" ADS > 5-10' DEPTH	EA	1	\$2,839.70	\$2,839.70
14	611-90.03	CATCH BASINS TYPE 42A 30" ADS < 5-10' DEPTH	EA	1	\$3,437.70	\$3,437.70
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
16	730-05.05	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 2)	EA	-4	\$2,390.00	-\$9,560.00
16	730-05.06	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 3)	EA	-4	\$2,390.00	-\$9,560.00
16	730-05.07	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 4)	EA	-1	\$2,540.00	-\$2,540.00
16	730-05.08	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 5)	EA	-6	\$2,380.00	-\$14,280.00
16	730-05.09	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 6)	EA	-2	\$2,390.00	-\$4,780.00
16	730-05.10	MODIFY EX. ELEC. CONNECTION (ELECTRICAL SERVICE REVISION TYPE 7)	EA	-1	\$3,080.00	-\$3,080.00
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: _____