

## Contract Change Order # 2

Project Name: East Nashville Street Project Number: ED1701  
 Project Location: E. Nashville on Lynn Lane between 81st and 91st Date of Application: Tuesday, February 12, 2019  
 Contractor: Crossland Heavy Contractors Submitted By: Chris Walters

### Summary of Change in Scope of Work

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

#### Change of Work Items Included in this Change Order:

- Reconciling Changes: Due to site conditions varying from design parameters, field adjustments of the plan quantities by the city contract administrator was authorized. These changes in quantities are summarized on the attached "Project Final Quantities Report". The listed change order cost is to adjust the original contract value to the reflected installed contract value.
- 1)

#### Change in Contractual Project Time:

- Due to unforeseen conflicts during the beginning of construction as it pertains to the City of Broken Arrow waterline installation, the
- 1) contractor was impacted. The contract shall be modified as to increase the calendar day time by 34 days.

Plan Sheets or Additional Documents Attached: ☒ Yes ☐ No ☒ Other: Crossland Change Proposal

### Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO2-1		Reconcile Changes	NA	\$ 1,086.70	1	\$ 1,086.70

Total Change Cost: \$ 1,086.70

### Summary of Project Costs

Total Previous Change Orders:	\$ 54,770.40	Original Contract Amount:	\$ 1,507,000.00
Current Change Order:	\$ 1,086.70	Amended Contract Amount:	\$ 1,562,857.10
Total Cost of Change Orders:	\$ 55,857.10	Percent Change in Contract:	3.71%
Total Cost Applicable to CBA:	\$ 54,770.40	Percent Change Applicable to CBA:	3.63%

### Change Order Authorization

Change Order # <u>2</u> in the sum of: \$ <u>1,086.70</u> has been reviewed by all parties and is recommended for approval by:	
Contractor Submitting Change Order:	<div> <div>Name</div> <div>Signature</div> <div>Date</div> </div>
Construction Division Manager:	<div> <div>Timothy S Robins, PE</div> <div>Name</div> <div>Signature</div> <div>Date</div> </div>
Director of Engineering & Construction:	<div> <div>Alex Mills, PE</div> <div>Name</div> <div>Signature</div> <div>Date</div> </div>
Assistant City Manager - Operations:	<div> <div>Kenneth D Schwab, PE</div> <div>Name</div> <div>Signature</div> <div>Date</div> </div>
City Manager:	<div> <div>Michael Spurgeon</div> <div>Name</div> <div>Signature</div> <div>Date</div> </div>

#### This Change is Executed Through:

- ☐ This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.  
 or  
☒ This change to the contract documents was approved at the City Council/BAMA meeting held on : Tuesday, March 5, 2019



Project Number:	ED1701
Contract Number:	ED1701
Purchase Order:	

<b>Date of Notice to Proceed:</b>	6/4/2018	<b>Date of Substantial Completion:</b>	1/4/2019
<b>Original Contract Time:</b>	180 Days	<b>Time Added by CO:</b>	34 Days
		<b>Contract Time Used:</b>	215 Days

CO No.:	Add Cost	Deduct Cost	Item Name/Description of Completion or Correction
CO1-1	\$54,770.40		Rock Excavation Change Order

Original Contract Value	\$1,507,000.00
Total Value of Change Orders	\$54,770.40
Total Overrun/Underrun Value	\$1,086.70
Total Liquidated Damages Applied	\$0.00
Total Adjusted Final Contract Value	\$1,562,857.10
Total Variance from Original	\$55,857.10

## Date \_\_\_\_\_



# Project Final Quantities Report Cont. - Final Bid Tab

Project Name: East Nashville St.

Project Number: ED1701

Item No.	Bid Item Description	Units	Unit Price	Bid Item Qty.	Qty. Work Installed	Value of Work Installed
1	CLEARING AND GRUBBING	LSUM	\$24,000.00	1	1	\$ 24,000.00
2	UNCLASSIFIED EXCAVATION	CY	\$12.00	10491	10491	\$ 125,892.00
3	TYPE A - SALVAGED TOPSOIL	LSUM	\$5,000.00	1	1	\$ 5,000.00
4	SWPP DOCUMENTATION	LSUM	\$500.00	1	1	\$ 500.00
5	TEMPORARY SILT FENCE	LF	\$1.00	1235	1235	\$ 1,235.00
6	TEMPORARY SILT DIKE	LF	\$6.25	100	100	\$ 625.00
7	TEMPORARY ROCK FILTER DAM TYPE 2	CY	\$255.00	7	7	\$ 1,785.00
8	TEMPORARY FIBER LOG	LF	\$4.00	180	180	\$ 720.00
9	DITCH LINER PROTECTION	LF	\$1.90	14	14	\$ 26.60
10	SOLID SLAB SODDING	SY	\$2.55	7373	7373	\$ 18,801.15
11	VEGETATIVE MULCHING	AC	\$1,525.00	1.52	1.52	\$ 2,318.00
12	MOWING	AC	\$90.00	1.52	0	\$ -
13	AGGREGATE BASE TYPE A	CY	\$42.50	1527	1667	\$ 70,847.50
14	SUBGRADE, METHOD B	SY	\$0.01	6866	6866	\$ 68.66
15	SEPARATOR FABRIC	SY	\$1.00	8077	8077	\$ 8,077.00
16	TRAFFIC BOUND SURFACE COURSE TYPE A	TON	\$30.00	25	0	\$ -
17	DOWEL JOINTED P.C. CONCRETE PAVEMENT	SY	\$12.50	6204	6204	\$ 77,550.00
18	P.C. CONCRETE FOR PAVEMENT	CY	\$134.00	1380	1386.84	\$ 185,836.56
19	CLASS C CONCRETE	CY	\$700.00	6	6	\$ 4,200.00
20	(SP) SEGMENTAL CONCRETE BLOCK RETAIN	SY	\$214.00	216	216	\$ 46,224.00
21	TYPE I PLAN RIPRAP	TON	\$35.00	465	226	\$ 7,910.00
22	FILTER FABRIC	SY	\$5.50	424	424	\$ 2,332.00
23	CONCRETE CURB (6" BARRIER - INTEGRAL)	LF	\$7.80	2890	2968	\$ 23,150.40
24	1'-8" COMB. CURB & GUTTER	LF	\$20.50	469	460	\$ 9,430.00
25	MANHOLE (4' DIAMETER)	EA	\$2,700.00	1	0	\$ -
26	ADD'L DEPTH IN MANHOLE (4' DIAMETER)	VF	\$84.00	1.94	0	\$ -
27	INLET ST29-4' X 2' RCI (ON GRADE)	EA	\$3,800.00	2	2	\$ 7,600.00
28	INLET ST29-4' X 3' RCI W/M.H. (ON GRADE)	EA	\$4,400.00	4	4	\$ 17,600.00
29	INLET CDI 30SK ECP SP. STR. DETAIL (1)	EA	\$4,800.00	1	1	\$ 4,800.00
30	ADD'L DEPTH IN INLET ST29-4' X 2' RCI (ON	VF	\$270.00	0.22	0.22	\$ 59.40
31	ADD'L DEPTH IN INLET ST29-4' X 3' RCI W/M	VF	\$330.00	1.52	1.52	\$ 501.60
32	18" R.C. PIPE CLASS III	LF	\$53.00	823	823	\$ 43,619.00
33	24" R.C. PIPE CLASS III	LF	\$68.00	225	190	\$ 12,920.00
34	19" X 30" R.C. PIPE ELLIPTICAL CLASS HE-III	LF	\$113.00	212	212	\$ 23,956.00
35	24" PREFAB. CULVERT END SECTION, ROUN	EA	\$750.00	1	1	\$ 750.00
36	TYPE BB4 CULVERT END TREATMENT	EA	\$5,000.00	1	1	\$ 5,000.00
37	REMOVAL OF STRUCTURES & OBSTRUCTION	LSUM	\$10,000.00	1	1	\$ 10,000.00
38	REMOVAL OF CONCRETE PAVEMENT	SY	\$5.50	3574	3574	\$ 19,657.00
39	2" PIPE RAILING	LF	\$110.00	115	156	\$ 17,160.00
40	REMOVE AND RECONSTRUCT FENCE	LF	\$17.75	1422	1422	\$ 25,240.50
41	MOBILIZATION	LSUM	\$51,710.38	1	1	\$ 51,710.38
42	CONSTRUCTION STAKING LEVEL II	LSUM	\$5,000.00	1	1	\$ 5,000.00
43	SHEET ALUMINUM SIGNS	SF	\$30.00	15.18	15.18	\$ 455.40
44	2 1/4" SQUARE TUBE POST	LF	\$12.00	33	33	\$ 396.00
45	TRAFFIC STRIPE (MULTI-POLY.) (4" WIDE) (V	LF	\$2.40	165	150	\$ 360.00
46	TRAFFIC STRIPE (MULTI-POLY.) (4" WIDE) (Y	LF	\$2.40	2874	3674	\$ 8,817.60
47	TRAFFIC STRIPE (MULTI-POLY.) (8" WIDE) (Y	LF	\$6.00	243	130	\$ 780.00
48	TRAFFIC STRIPE (MULTI-POLY.) (24" WIDE) (	LF	\$18.00	44	39	\$ 702.00
49	TRAFFIC STRIPE (MULTI-POLY.) (ARROW)	EA	\$240.00	4	4	\$ 960.00
50	CONSTRUCTION TRAFFIC CONTROL	LSUM	\$2,000.00	1	1	\$ 2,000.00
51	CLEARING AND GRUBBING	LSUM	\$4,800.00	1	1	\$ 4,800.00
52	UNCLASSIFIED EXCAVATION	CY	\$12.00	639	639	\$ 7,668.00

53	UNCLASSIFIED BORROW	CY	\$1.00	5702	5702	\$	5,702.00
54	TYPE A - SALVAGED TOPSOIL	LSUM	\$5,000.00	1	1	\$	5,000.00
55	TEMPORARY SILT FENCE	LF	\$1.00	1330	1330	\$	1,330.00
56	TEMPORARY ROCK FILTER DAM TYPE 2	CY	\$255.00	4	4	\$	1,020.00
57	TEMPORARY FIBER LOG	LF	\$4.00	240	240	\$	960.00
58	SOLID SLAB SODDING	SY	\$2.55	2089	2089	\$	5,326.95
59	VEGETATIVE MULCHING	AC	\$1,500.00	0.43	0.43	\$	645.00
60	MOWING	AC	\$90.00	0.43	0	\$	-
61	AGGREGATE BASE TYPE A	CY	\$42.50	841	841	\$	35,742.50
62	SUBGRADE, METHOD B	SY	\$0.01	3781	3781	\$	37.81
63	SEPARATOR FABRIC	SY	\$1.00	4524	4524	\$	4,524.00
64	TRAFFIC BOUND SURFACE COURSE TYPE A	TON	\$30.00	25	0	\$	-
65	DOWEL JOINTED P.C. CONCRETE PAVEMENT	SY	\$10.75	3375	3375	\$	36,281.25
66	P.C. CONCRETE FOR PAVEMENT	CY	\$130.00	751	751	\$	97,630.00
67	CLASS A CONCRETE	CY	\$650.00	9	17	\$	11,050.00
68	CLASS A CONCRETE, SMALL STRUCTURES	CY	\$250.00	15	15	\$	3,750.00
69	CLASS C CONCRETE	CY	\$750.00	3	3	\$	2,250.00
70	TYPE I PLAIN RIPRAP	TON	\$35.00	58	58	\$	2,030.00
71	FILTER FABRIC	SY	\$5.50	52	52	\$	286.00
72	CONCRETE CURB (6" BARRIER-INTEGRAL)	LF	\$7.80	1822	1822	\$	14,211.60
73	JUNCTION BOXES	CF	\$62.00	779	779	\$	48,298.00
74	INLET ST29-6' X 2' RCI W/M.H. (IN SUMP)	EA	\$5,700.00	1	1	\$	5,700.00
75	INLET ST29-6' X 6' RCI W/M.H. (IN SUMP)	EA	\$6,900.00	1	1	\$	6,900.00
76	INLET ST29-8' X 3' RCI W/M.H. (IN SUMP)	EA	\$6,300.00	1	1	\$	6,300.00
77	INLET ST29-8' X 8' RCI W/M.H. (IN SUMP)	EA	\$5,700.00	1	1	\$	5,700.00
78	ADD'L DEPTH IN INLET ST29-6' X 2' RCI W/M	VF	\$235.00	0.19	0.19	\$	44.65
79	ADD'L DEPTH IN INLET ST29-6' X 6' RCI W/M	VF	\$325.00	1.68	1.68	\$	546.00
80	ADD'L DEPTH IN INLET ST29-8' X 3' RCI W/M	VF	\$350.00	2.59	2.59	\$	906.50
81	ADD'L DEPTH IN INLET ST29-8' X 8' RCI W/M	VF	\$380.00	4.89	4.89	\$	1,858.20
82	INLET GPI TYPE 2 (DES. 8)	EA	\$3,350.00	1	1	\$	3,350.00
83	INLET GPI TYPE 2 (DES. 11A)	EA	\$4,050.00	1	1	\$	4,050.00
84	INLET CDI RCP DES. 3	EA	\$2,500.00	1	1	\$	2,500.00
85	INLET CDI RCP DES. 4	EA	\$2,950.00	1	1	\$	2,950.00
86	ADD'L DEPTH IN INLET GPI TYPE 2	VF	\$240.00	0.77	0.77	\$	184.80
87	ADD'L DEPTH IN INLET CDI RCP DES. 3	VF	\$330.00	2.31	2.31	\$	762.30
88	ADD'L DEPTH IN INLET CDI RCP DES. 4	VF	\$340.00	0.59	0.59	\$	200.60
89	18" R.C. PIPE CLASS III	LF	\$78.00	37	37	\$	2,886.00
90	24" R.C. PIPE CLASS III	LF	\$180.00	2	2	\$	360.00
91	36" R.C. PIPE CLASS III	LF	\$150.00	37	37	\$	5,550.00
92	48" R.C. PIPE CLASS III	LF	\$153.00	234	234	\$	35,802.00
93	54" R.C. PIPE CLASS III	LF	\$230.00	473	473	\$	108,790.00
94	60" R.C. PIPE CLASS III	LF	\$300.00	46	46	\$	13,800.00
95	60" PREFAB. CULVERT END SECTION, ROUN	EA	\$2,850.00	1	1	\$	2,850.00
96	REMOVAL OF STRUCTURES & OBSTRUCTION	LSUM	\$4,000.00	1	1	\$	4,000.00
97	REMOVE AND RECONSTRUCT FENCE	LF	\$8.50	910	910	\$	7,735.00
98	CONSTRUCTION STAKING LEVEL II	LSUM	\$350.00	1	1	\$	350.00
99	SHEET ALUMINUM SIGNS	SF	\$30.00	5	5	\$	150.00
100	2 1/4" SQUARE TUBE POST	LF	\$12.00	11	11	\$	132.00
101	TRAFFIC STRIPE (MULTI-POLY.) (4" WIDE) (Y	LF	\$2.40	1822	1822	\$	4,372.80
102	CLEARING AND GRUBBING	LSUM	\$5,000.00	1	1	\$	5,000.00
103	UNCLASSIFIED EXCAVATION	CY	\$13.00	49	49	\$	637.00
104	UNCLASSIFIED BORROW	CY	\$1.00	975	975	\$	975.00
105	TYPE A - SALVAGED TOPSOIL	LSUM	\$2,000.00	1	1	\$	2,000.00
106	TEMPORARY SILT FENCE	LF	\$1.00	600	600	\$	600.00
107	TEMPORARY FIBER LOG	LF	\$4.00	40	40	\$	160.00
108	SOLID SLAB SODDING	SY	\$2.55	610	610	\$	1,555.50
109	VEGETATIVE MULCHING	AC	\$1,500.00	0.12	0.12	\$	180.00
110	MOWING	AC	\$90.00	0.12	0	\$	-

111	AGGREGATE BASE TYPE A	CY	\$42.50	461	461	\$	19,592.50
112	SUBGRADE, METHOD B	SY	\$0.01	2074	2074	\$	20.74
113	SEPARATOR FABRIC	SY	\$1.00	2444	2444	\$	2,444.00
114	DOWEL JOINTED P.C. CONCRETE PAVEMENT	SY	\$9.00	1953	1953	\$	17,577.00
115	P.C. CONCRETE FOR PAVEMENT	CY	\$128.00	434	434	\$	55,552.00
116	CLASS C CONCRETE	CY	\$750.00	2	2	\$	1,500.00
117	CONCRETE CURB (6" BARRIER-INTEGRAL)	LF	\$7.80	540	540	\$	4,212.00
118	REMOVAL OF STRUCTURES & OBSTRUCTION	LSUM	\$1,200.00	1	1	\$	1,200.00
119	REMOVE AND RECONSTRUCT FENCE	LF	\$9.75	265	87	\$	848.25
120	CONSTRUCITON STAKING LEVEL II	LSUM	\$185.00	1	1	\$	185.00
<b>Total Final Contract Value:</b>							<b>\$ 1,508,086.70</b>