

Contract Change Order # 5-Final

Project Name: <u>Dallas Street Improvements</u>	Project Number: <u>ST1307</u>
Project Location: <u>Dallas Street between Main and Elm Place</u>	Date of Application: <u>Friday, March 10, 2017</u>
Contractor: <u>Magnum Construction, In.</u>	Submitted By: <u>Clint Redwine</u>

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

- 1) 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.

Change in Contractual Project Time:

- 1) Additional Time due to Project Delays and Remobilization for the Rail Road ROW work in 2017, Contract Day Count shall be amended to include an additional 720 days revising the Contract Calendar Time to 921 Days.

Plan Sheets or Additional Documents Attached: ☒ Yes ☐ No ☒ Other: Final Quantities Report

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO-5	-	Reconcile Quantity Changes	N/A	\$ 92,562.27	1	\$ 92,562.27
						\$ -
Total Change Cost:						\$ 92,562.27

Summary of Project Costs

Total Previous Change Orders:	\$ 70,612.00	Original Contract Amount:	\$ 816,060.00
Current Change Order:	\$ 92,562.27	Amended Contract Amount:	\$ 979,234.27
Total Cost of Change Orders:	\$ 163,174.27	Percent Change in Contract:	20.00%
Total Cost Applicable to CBA:	\$ 70,612.00	Percent Change Applicable to CBA:	8.65%

Change Order Authorization

Change Order # <u>5-Final</u> in the sum of: \$ <u>92,562.27</u>	has been reviewed by all parties and is recommended for approval by:		
Contractor Submitting Change Order:	Name	Signature	Date
Construction Division Manager:	Timothy S Robins, PE	Signature	Date
Director of Engineering & Construction:	Alex Mills, PE	Signature	Date
Assistant City Manager - Operations:	Kenneth D Schwab, PE	Signature	Date
City Manager:	Michael Spurgeon	Signature	Date

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 21, 2017

Project Name: Dallas Street Improvements

Project Location: Dallas Street between Elm Pl & Main St.

Prime Contractor: Magnum Construction Inc.

Contract Administrator: Chad Nichols

Project Number: ST1307

Contract Number: ST1307

Purchase Order: 085494

Project Final Quantities Report

Date of Notice to Proceed: 9-2-14 **Date of Substantial Completion:** 3-10-17

Original Contract Time: 135 Days **Time Added by CO:** 786 Days **Contract Time Used:** 921 Days

☒ No Liquidated Damages were assessed
☐ Liquidated Damages were applied (as noted in the Certificate of Substantial Completion)

Change Orders

CO No.:	Add Cost	Deduct Cost	Item Name/Description of Completion or Correction
CO-1	\$17,861.00		Additional Excavation & Aggregate
CO-2	\$0		Residential Driveway Reconfiguration - (\$4620.00) Directive to Overrun QTY
CO-3	\$0		Day Count Adjustment
CO-4	\$52,751.00		Remobilization Costs & Additional RR ROW work per plans
CO-5	\$92,562.26		Contract Values Reconcile – Overrun/Underruns

Final Contract Values

Original Contract Value	<u>\$816,060.00</u>
Total Value of Change Orders	<u>\$70,612.00</u>
Total Overrun/Underrun Value	<u>\$92,562.27</u>
Total Liquidated Damages Applied	<u>\$0.00</u>
Total Adjusted Final Contract Value	<u>\$979,234.27</u>
Total Variance from Original	<u>\$163,174.27</u>

Construction Manager Recommendation

Name Timothy Robins, PE

Signature _____

Date _____

Engineering & Construction Director Approval

Name Alex Mills, PE.

Signature _____

Date _____

Project Final Quantities Report Cont. - Final Bid Tab

Project Name: Dallas Street Improvements Project Number: ST1307

Item No.	Bid Item Description	Units	Unit Price	Bid Item Qty.	Qty. Work Installed	Value of Work Installed
1	RAILROAD FLAGGING	LSUM	\$8,500.00	1	1	\$ 8,500.00
2	CLEARING AND GRUBBING	LSUM	\$25,000.00	1	1	\$ 25,000.00
3	UNCLASSIFIED EXCAVATION	CY	\$15.00	3111	3572	\$ 53,580.00
4	TYPE A-SALVAGED TOPSOIL	LSUM	\$10,000.00	1	1	\$ 10,000.00
5	TEMPORARY SILT FENCE	LF	\$1.00	1624	1125	\$ 1,125.00
6	TEMPORARY SEDIMENT FILTER	EA	\$280.00	13	13	\$ 3,640.00
7	SOLID SLAB SODDING	SY	\$2.75	3550	3792.44	\$ 10,429.21
8	AGGREGATE BASE TYPE A	CY	\$38.00	938	1363	\$ 51,794.00
9	TRAFFIC BOUND SURFACE COURSE TYPE E	TON	\$21.00	730	696	\$ 14,616.00
10	TACK COAT	GAL	\$4.00	58	68	\$ 272.00
11	SUPERPAVE, TYPE S4 (PG 64-22 OK)	TON	\$140.00	50	60	\$ 8,400.00
12	COLD MILLING PAVEMENT	SY	\$11.00	448	0	\$ -
13	TYPE I PLAIN RIPRAP	TON	\$92.00	12	14	\$ 1,288.00
14	MANHOLE (5' DIAMETER)	EA	\$3,200.00	2	2	\$ 6,400.00
15	STD. RECESSED CURB INLET (4'X4') WITH AC	EA	\$2,900.00	4	4	\$ 11,600.00
16	STD. RECESSED CURB INLET (6'X4') WITH AC	EA	\$3,400.00	2	2	\$ 6,800.00
17	STD. RECESSED CURB INLET (8'X3') WITH AC	EA	\$3,500.00	1	0	\$ -
18	STD. RECESSED CURB INLET (4'X3') WITH NC	EA	\$2,600.00	2	2	\$ 5,200.00
19	STD. RECESSED CURB INLET (6'X3') WITH NC	EA	\$3,100.00	1	1	\$ 3,100.00
20	STD. RECESSED CURB INLET (8'X3') WITH NC	EA	\$3,400.00	2	1	\$ 3,400.00
21	4" CONCRETE SIDEWALK	SY	\$43.00	916	1395	\$ 59,985.00
22	6" CONCRETE DRIVEWAY (HIGH EARLY STRE	SY	\$55.00	568	611	\$ 33,605.00
23	18" R.C. PIPE CLASS III	LF	\$63.00	64	64	\$ 4,032.00
24	24" R.C. PIPE CLASS III	LF	\$82.00	35	35	\$ 2,870.00
25	36" R.C. PIPE CLASS III	LF	\$95.00	64	64	\$ 6,080.00
26	36" PREFAB. CULVER END SECTION, ROUND	EA	\$1,320.00	1	1	\$ 1,320.00
27	15" DOUBLE PIPE CULVERT END TREATMEN	EA	\$1,700.00	1	0	\$ -
28	REMOVAL OF CONCRETE PAVEMENT	SY	\$8.00	340	1612	\$ 12,896.00
29	REMOVAL OF ASPHALT PAVEMENT	SY	\$8.00	4645	5426	\$ 43,408.00
30	REMOVAL OF CURB	LF	\$2.50	591	995	\$ 2,487.50
31	REMOVAL OF SIDEWALK	SY	\$4.00	442	503	\$ 2,012.00
32	REMOVE AND REPLACE MAILBOX	EA	\$175.00	23	23	\$ 4,025.00
33	CONSTRUCTION STAKING	LSUM	\$10,000.00	1	1	\$ 10,000.00
34	REMOVAL OF EXISTING SIGNS	EA	\$49.00	27	27	\$ 1,323.00
35	SHEET ALUMINUM SIGNS	SF	\$19.00	81	74	\$ 1,406.00
36	2" SQUARE TUBE POST	LF	\$9.00	176	168	\$ 1,512.00
37	TRAFFIC STRIPE (PLASTIC)(4" WIDE)	LF	\$1.80	2860	3446	\$ 6,202.80
38	TRAFFIC STRIPE (PLASTIC)(24" WIDE)	LF	\$8.00	149	143	\$ 1,144.00
39	CONSTRUCTION TRAFFIC CONTROL	LSUM	\$7,000.00	1	1	\$ 7,000.00
40	15" N-12 HP STORM PIPE	LF	\$43.00	110	0	\$ -
41	24" N-12 HP STORM PIPE	LF	\$65.00	366	334	\$ 21,710.00
42	30" N-12 HP STORM PIPE	LF	\$89.00	347	334	\$ 29,726.00
43	36" N-12 HP STORM PIPE	LF	\$107.00	158	158	\$ 16,906.00
44	BORED STREET CROSSING	LF	\$235.00	61	75	\$ 17,625.00
45	8" PVC C-900 PIPE DR-14 (TRENCHING)	LF	\$25.00	1403	1555	\$ 38,875.00
46	8" PVC C-900 PIPE DR-14 (DIRECTIONAL DRI	LF	\$68.00	563	200	\$ 13,600.00
47	BEND (45° - 8" - DUCTILE IRON)	EA	\$400.00	9	13	\$ 5,200.00
48	BEND (22.5° - 8" - DUCTILE IRON)	EA	\$400.00	5	5	\$ 2,000.00
49	BEND (45° - 4" - DUCTILE IRON)	EA	\$300.00	2	2	\$ 600.00
50	TEE (8" X 8" X 8" - DUCTILE IRON)	EA	\$500.00	2	3	\$ 1,500.00
51	TEE (4" X 4" X 4" - DUCTILE IRON)	EA	\$350.00	1	1	\$ 350.00
52	PLUGS (4" - DUCTILE IRON)	EA	\$250.00	2	2	\$ 500.00
53	PLUGS (2" - DUCTILE IRON)	EA	\$165.00	6	6	\$ 990.00
54	REDUCER (8" X 4" - DUCTILE IRON)	EA	\$350.00	3	3	\$ 1,050.00
55	CONNECTION (10" X 8" - DUCTILE IRON)	EA	\$2,000.00	1	1	\$ 2,000.00
56	WATER SERVICE LINE RECONNECTION (SHO	EA	\$1,100.00	17	18	\$ 19,800.00
57	WATER SERVICE LINE RECONNECTION (LON	EA	\$1,400.00	10	10	\$ 14,000.00
58	VALVE (8" GATE VALVE)	EA	\$1,500.00	9	10	\$ 15,000.00
59	FIRE HYDRANT ASSEMBLY	EA	\$3,900.00	4	4	\$ 15,600.00
60	TYPE 2 VALVE BOX	EA	\$140.00	9	10	\$ 1,400.00
61	VALVE BOX EXTENSION 6 INCH PVC	LF	\$14.00	14	22	\$ 308.00
Alternate No. 2 Concrete Pavement Section						
1	P.C. CONCRETE PAVEMENT (PLACEMENT)	SY	\$15.50	5051	6220	\$ 96,410.00
2	P.C. CONCRETE FOR PAVEMENT	CY	\$120.00	842	1189.5	\$ 142,740.00
3	CONCRETE CURB (6" BARRIER-INTEGRAL)	LF	\$8.25	2786	2943	\$ 24,279.75
						\$ -

Total Final Contract Value: \$ 908,622.26