

Contract Change Order # 2

Project Name: <u>Washington St. Improvements - Reinforced Conc. Package</u>	Project Number: <u>ST1616B</u>
Project Location: <u>Washington St. - Garnett to Olive</u>	Date of Application: <u>Tuesday, March 30, 2021</u>
Contractor: <u>R&L Construcion, LLC</u>	Submitted By: <u>Jim S.</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:

- 1) Due to field conditions and quantities varying from the original plan quantities the project contract values shall be amended to reflect the current installed values. The attached project quantities report summarizes the to date quantities of the associated overran quantities, let this change order serve to amend the project quantities to the to date quantities within the report and the below stated costs. Future change order will amend the contract value to the final quantities report. This noted project quantities adjustment applies only to work covered within the original base contract.
- 2) At the request of the City of Broken Arrow, the contractor, R&L Construction, shall complete the following tasks as part of the joint efforts to complete the Washington Street Widening Project:
 - Install 4' drainage flume, gut to grade, and final sod within ditchline between Sta. 206+75L to Sta. 211+75L
 - Work to be performed at intersection of Olive Ave and Washington St.:
 - Complete roadway widening portions within Sta. 252+00 to Sta. 259+00 (with exception of Storm Sewer & S3/S4 Asphalt
 - Install min 3500psi concrete pavement in liue of S3 asphalt in road widening sections between Sta. 252+00 to Sta 255+30.57 (See attached detail)
 - Complete sidewalk, final grading, sod, and final cleanup of areas behind curb between Sta. 251+00 to Sta. 259+00 (in coordination with COBA staff efforts.

As the original contract did not have line items sufficient for the above noted work, a combination of existing line items as well as new change order line items with prices negotiated with the contractor shall be utilized to construct the work. The attached quantity report / proposal highlights the existing line items that shall be utilized as well as the new material line items and estimated quantities. A final quantity reconcile change order will likely be required to rectafy the final installed quantities and shall be processed at a later date.

Change in Contractual Project Time:

- 1) & 2) None Required

Plan Sheets or Additional Documents Attached: ☒ Yes ☒ No ☐ Other: _____

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO2-1		Quantity Adjustements for Base Contract Work	LS	\$ 37,513.95	1	\$ 37,513.95
CO2-2		Quantity Adjustements for CO2 Additional work	LS	\$ 70,786.00	1	\$ 70,786.00
CO2-3		Concrete Curb & Gutter Removal	LF	\$ 14.00	1130	\$ 15,820.00
CO2-4		Subgrade Method B	SY	\$ 3.00	1500	\$ 4,500.00
CO2-5		Seperator Fabric	SY	\$ 6.00	1500	\$ 9,000.00
CO2-6		Removal of Structures	Lsum	\$ 7,500.00	1	\$ 7,500.00
CO2-7		6" Concrete Driveway	SY	\$ 99.00	55	\$ 5,445.00
CO2-8		Concrete Curb & Gutter	LF	\$ 18.00	975	\$ 17,550.00
CO2-9		Site Backfill and Fine Grading	SY	\$ 16.50	1500	\$ 24,750.00
CO2-10		Bermuda Sod Installed (intersection)	SY	\$ 4.95	1200	\$ 5,940.00
CO2-12		Bermuda Sod Installed (Drainage Flume)	SY	\$ 4.95	2450	\$ 12,127.50
						\$ -
Total Change Cost:						\$ 198,804.95

**Public Contract
Application for
Contractual Changes**

Summary of Project Costs

Total Previous Change Orders:	\$ 49,427.00	Original Contract Amount:	\$ 1,590,931.90
Current Change Order:	\$ 198,804.95	Amended Contract Amount:	\$ 1,839,163.85
Total Cost of Change Orders:	\$ 248,231.95	Percent Change in Contract:	15.60%
Total Cost Applicable to CBA:	\$ 152,060.00	Percent Change Applicable to CBA:	9.56%

Change Order Authorization

Change Order # <u>2</u> in the sum of:	\$ 198,804.95	has been reviewed by all parties and is recommended for approval by:	
Contractor Submitting Change Order:	<u>Jim Scism</u>	<u>Jim Scism</u>	<u>3/31/2021</u>
	Name	Signature	Date
Construction Division Manager:	<u>Timothy S Robins, PE</u>	<u>Timothy Robins</u>	<u>3/31/2021</u>
	Name	Signature	Date
Director of Engineering & Construction:	<u>Ethan JL Edwards, PE</u>	<u>Ethan JL Edwards</u>	<u>3/31/2021</u>
	Name	Signature	Date
Assistant City Manager - Operations:	<u>Kenneth D Schwab, PE</u>	<u>Kenneth Schwab</u>	<u>3/31/2021</u>
	Name	Signature	Date
City Manager:	<u>Michael Spurgeon</u>	<u>M Spurgeon</u>	<u>3/31/2021</u>
	Name	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, April 6, 2021

Description of Work	Unit of Measure	Quantity	Cost	Extention
OLIVE INTERSECTION WORK				
Curb & Gutter Removal	LF	1130	\$ 14.00	\$ 15,820.00
Subgrade Method B	SY	1500	\$ 3.00	\$ 4,500.00
Seperator Fabric	SY	1500	\$ 6.00	\$ 9,000.00
Removal of Structures	Lsum	1	\$ 7,500.00	\$ 7,500.00
Line Item 14 - Unclassified Excavation	CY	1500	\$ 13.00	\$ 19,500.00
Line Item 15 Aggregate Base	CY	360	\$ 33.50	\$ 12,060.00
Line Item 9 - 4" Concrete Sidewalk	SY	115	\$ 57.25	\$ 6,583.75
Line Item 29 Tactile Warning Device	SF	50	\$ 45.00	\$ 2,250.00
6" Concrete Driveway	SY	55	\$ 99.00	\$ 5,445.00
Concrete Curb and Gutter	LF	975	\$ 18.00	\$ 17,550.00
Site backfill and fine grading	SY	1500	\$ 16.50	\$ 24,750.00
SOD	SY	1200	\$ 4.95	\$ 5,940.00
INTERSECTION WORK				Total Cost
				\$ 130,898.75
				Total Applicable to CBA
				\$ 90,505.00
JACKSON PARK DRAINAGE CULVERT				
SOD	SY	2450	\$ 4.95	\$ 12,127.50
Drainage Flume - 4' wide; use Line Item #9	SY	225	\$ 57.25	\$ 12,881.25
Drainage Flume embankment grading & Fine Grading Utilize Line Item 14 - Unclassified Excavation	CY	1347	\$ 13.00	\$ 17,511.00
Jackson Park Work				Total Cost
				\$ 42,519.75
				Total Applicable to CBA
				\$ 12,127.50
				Total Change Order #2 Cost for Additional Work
				\$ 173,418.50
				Total Change Order #2 Cost Applicable to CBA for Additional Work
				\$ 102,632.50

ST1616B Washington St. Rein. Conc. Package
Change Order #2 Amended Quantity Report

Amended Quantity Report For Change Order #2

Item#	(Spec)	Item	Units	Price	Original Quantity	FINAL QTY VALUES	Revised Project Costs
1		CLEARING AND GRUBBING	LSUM	\$5,000.00	1	1	\$ 5,000.00
2		MOBILIZATION	LSUM	\$28,000.00	1	1	\$ 28,000.00
3		CONSTRUCTION STAKING LEVEL II	LSUM	\$18,000.00	1	1	\$ 18,000.00
4		1 1/2" HIGH DENSITY PE PIPE - TRENCHED	LF	\$15.95	2310	2310	\$ 36,844.50
5		PULL BOX (SIZE 1)	EA	\$1,550.00	4	4	\$ 6,200.00
6		3-72" CULVERT END TREATMENT	EA	\$8,150.00	2	2	\$ 16,300.00
7		10'X3' RCB END SECTION	EA	\$3,200.00	5	5	\$ 16,000.00
8		RETAINING WALL	SY	\$164.00	471	471	\$ 77,244.00
9		4" CONCRETE SIDEWALK (10' MULTI-USE TRA	SY	\$57.25	856	856	\$ 49,006.00
10		4" DECORATIVE CONCRETE SIDEWALK	SY	\$167.50	56	0	\$ -
11		(PL) ORNAMENTAL FENCE	LF	\$135.00	620	620	\$ 83,700.00
12		RESIDENTIAL STORM WATER CURB OPENING	EA	\$300.00	16	7	\$ 2,100.00
13		CONCRETE FLUME	LF	\$98.25	556	556	\$ 54,627.00
14		UNCLASSIFIED EXCAVATION	CY	\$13.00	3322	3322	\$ 43,186.00
15		AGGREGATE BASE TYPE A	CY	\$33.50	2011	2011	\$ 67,368.50
16		STRUCTURAL EXCAVATION UNCLASSIFIED	CY	\$90.00	146	146	\$ 13,140.00
17		CLASS AA CONCRETE	CY	\$880.00	486.9	516.9	\$ 454,872.00
18		REINFORCING STEEL	LB	\$0.65	1	35684	\$ 23,194.60
19		PILES, FURNISHED (HP 12X53)	LF	\$42.50	446	446	\$ 18,955.00
20		PILES, DRIVEN (HP 12X53)	LF	\$35.00	446	446	\$ 15,610.00
21		(PL) PILOT HOLES	LF	\$125.00	432	432	\$ 54,000.00
22		6" PERFORATED PIPE UNDERDRAIN ROUND	LF	\$32.00	80	80	\$ 2,560.00
23		6" NON-PERF. PIPE UNDERDRAIN RND.	LF	\$32.00	30	30	\$ 960.00
24		REMOVAL OF BRIDGE ITEMS	LSUM	\$16,500.00	1	1	\$ 16,500.00
25		(PL) ORNAMENTAL FENCE	LF	\$145.00	179	179	\$ 25,955.00
26		PARAPET WALL	LF	\$137.50	213	213	\$ 29,287.50
27		SLOPE WALL (4")	SY	\$178.50	103	103	\$ 18,385.50
28		4" CONCRETE SIDEWALK (10' MULTI-USE TRA	SY	\$48.00	4838	4838	\$ 232,224.00
29		TACTILE WARNING DEVICE - NEW (10' MULTI	SF	\$45.00	240	240	\$ 10,800.00
30		1 1/2" HIGH DENSITY PE PIPE - TRENCHED	LF	\$13.75	14031	14031	\$ 192,926.25
31		PULL BOX (SIZE 1)	EA	\$1,550.00	10	10	\$ 15,500.00
Total Amended Project Cost						\$	1,628,445.85