



CDBG-DR 13 CHANGE ORDER OR WORK ORDER AMENDMENT




Project Information					
Project Name	Little River Sewer Interceptor Rehabilitation/Replacement				
Work Order Number (CDBG-DR 01)	I-03-W-LMA	Project Address	East of Little River Park from SW 4 th St to just south of SW 19 th St., next to Hibdon Tires		
Date	1/18/2018	Requested By	City of Moore and Matthews Trenching		
Date Requested	1/16/2018	Total Budget	1,693,169.75	Cost of Change	159,598.00

Change Order Type - Description			
Circle Type:	Field	Change	Work Order Amendment
Budget Line Items Affected: (List All)			
<p>Change in Quantities:</p> <p>Base Bid:</p> <p>8" PVC Pipe – Unit Price \$35/LF, Quantity increased by 9, Final Quantity 525</p> <p>24" PVC Pipe – Unit Price \$45/LF, Quantity increased by 19, Final Quantity 2,037</p> <p>Trench Excavation – Unit Price \$10/LF, Quantity decreased by 454, Final Quantity 2,562</p> <p>Extra Depth 5' Diameter Manhole – Unit Price \$350/VF, Quantity increased by 1.74, Final Quantity 68.74</p> <p>Manhole Frame and Lid – Unit Price \$325/each, Quantity increased by 5, Final Quantity 17</p> <p>Sanitary Sewer Manhole Rehab (5' Diameter) – Unit Price \$160/VF, Quantity increased by 12, Final Quantity 28</p> <p>Remove & Replace Sidewalk Trail – Unit Price \$60/SY, Quantity decreased by 105, Final Quantity 92</p> <p>Sawing Pavement – Unit Price \$4/LF, Quantity increased by 58, Final Quantity 150</p> <p>Solid Slab Sodding – Unit Price \$4/SY, Quantity decreased by 1,400, Final Quantity 2,967</p> <p>Rip Rap – Unit Price \$75/SY, Quantity increased by 115, Final Quantity 273</p> <p>Sewer Service Line – Unit Price \$20/LF, Quantity increased by 61, Final Quantity 161</p> <p>Silt Fence – Unit Price \$4/LF, Quantity increased by 375, Final Quantity 2,000</p>			

Abandon Sewer – Unit Price \$125/CY, Quantity decreased by 2, Final Quantity 109
 Post Construction Television Inspection – Unit Price \$2/LF, Quantity decreased by 148, Final Quantity 0
 Extra Depth 4’ Diameter Manhole – Unit Price \$175/VF, Quantity decreased by .76, Final Quantity 5.24
 Perm. Concrete Pavement Remove & Replace – Unit Price \$240/SY, Quantity decreased by 36, Final Quantity 0
 8’ Diameter Manhole (0-6’) – Unit Price \$5,620/each, Quantity increased by 5, Final Quantity 8
Add Alt #1:
 Construct 5’ Diameter Manhole – Unit Price \$2,500/each, Quantity increased by 1, Final Quantity 7
 Extra Depth 5’ Diameter Manhole – Unit Price \$350/VF, Quantity increased by 17.82, Final Quantity 56
 Manhole Frame and Lid – Unit Price \$325/each, Quantity increased by 2, Final Quantity 11
 Sanitary Sewer Manhole Rehab (5’ Diameter) – Unit Price \$160/VF, Quantity decreased by 3, Final Quantity 6
 Point Repair – Unit Price \$150/LF, Quantity decreased by 12, Final Quantity 88
 Post Construction Television Inspection – Unit Price \$2/LF, Quantity decreased by 1,454, Final Quantity 335
 8” PVC Pipe – Unit Price \$35/LF, Quantity increased by 67, Final Quantity 484
 Trench Excavation – Unit Price \$10/LF, Quantity increased by 839, Final Quantity 1,256
 Sewer Service Connections – Unit Price \$500/each, Quantity increased by 14, Final Quantity 24
 Sewer Service Line – Unit Price \$20/LF, Quantity increased by 40, Final Quantity 240
 Perm. Concrete Pavement Remove & Replace – Unit Price \$240/SY, Quantity increased by 118, Final Quantity 160
Add Alt #2:
 Pipe Bursting 26” Pipe (HDPE)(SDR19) – Unit Price \$180/LF, Quantity increased by 397, Final Quantity 2,455
 Construct 5’ Diameter Manhole – Unit Price \$2,500/each, Quantity decreased by 2, Final Quantity 14
 Extra Depth 5’ Diameter Manhole – Unit Price \$350/VF, Quantity decreased by 13.02, Final Quantity 64.25
 Manhole Frame and Lid – Unit Price \$325/each, Quantity increased by 6, Final Quantity 14
 Sanitary Sewer Manhole Rehab (5’ Diameter) – Unit Price \$160/VF, Quantity decreased by 17.55, Final Quantity 6
 Point Repair – Unit Price \$130/LF, Quantity decreased by 30, Final Quantity 70
 Remove & Replace Sidewalk Trail – Unit Price \$60/SY, Quantity decreased by 197, Final Quantity 42
 Post Construction Television Inspection – Unit Price \$2/LF, Quantity decreased by 2,039, Final Quantity 335
 Steel Encasement Pipe – Unit Price \$125/LF, Quantity increased by 10, Final Quantity 260
 30” Bore – Unit Price \$175/LF, Quantity increased by 10, Final Quantity 260
Added Items to Project:
 Potholing in various locations – Lump sum of \$9,945
 Additional Traffic Control for potholing – Lump sum of \$1,250
 Installation of ADA sidewalk ramp at Mattress Firm – Lump sum of \$2,500
 Hydromulch required by City and DEQ – Unit Price .00/SF, Total Quantity 86,000, Total Cost \$9,460
 30” Steel Casing at 19th & Telephone – Unit Price \$125/LF, Total Quantity 260, Total Cost \$32,500

Change Description

This Final change order is to reconcile differences in pay item quantities installed during construction and the bid quantities due to changes in the alignment and variations in the field conditions.

Field Change Order			
Field Change Order Authorization ONLY Vendor Signature		Date	
Field Change Order Authorization ONLY Project Manager Signature		Date	
Change Order			
Change Order Authorization ONLY Vendor Signature		Date	
Change Order Authorization ONLY Project Manager Signature		Date	
Change Order Authorization ONLY Project Supervisor Signature		Date	
Contract Amendment			
Work Order Amendment Authorization ONLY Vendor Signature		Date	1/23/2018
Work Order Amendment Authorization ONLY Project Manager Signature		Date	1/23/2018
Work Order Amendment Authorization ONLY Project Supervisor Signature		Date	1/23/2018
Contract Amendment Authorization ONLY CDBG Manager		Date	1/23/2018

Cost Reasonableness Certification

Project Name	Little River Sewer Interceptor	
Work Order Number	I-03-W-LMA	Date 1/23/2018

Line Item	Contract Amount	Industry Standard	Vendor
Construction of Rehabilitation/Replacement of Sewer Interceptor	\$ 481,853.50	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
Add Alternate #1	\$ 383,737.75	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
Add Alternate #2	\$ 639,423.50	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
30" Bore	\$ 96,250.00	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
30" Steel Encasement Pipe	\$ 36,250.00	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
Potholing	\$ 9,945.00	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
Additional Traffic Control for Potholing	\$ 1,250.00	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
Installation of ADA sidewalk ramp at Mattress Firm	\$ 2,500.00	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
Hydromulch required by City and DEQ	\$ 9,460.00	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
30" Steel Casing at 19th & Telephone	\$ 32,500.00	Preliminary Cost Estimate for City of Moore's Little River Park Sanitary Sewer Interceptor	Cabbiness Engineering
Total	\$ 1,693,169.75		

Certification: The Project Supervisor (PS) of the City of Moore, Oklahoma certifies that the Cost Reasonableness summary provided above for the stated project is accurate, complete, and in conformance with Office of Management and Budget requirements on the date certified.

Robert Pistole, Project Supervisor

Signature

1/23/2018

Date





January 23, 2017

Mr. Jared Jakubowski
City of Moore
301 North Broadway
Moore, Oklahoma 73160

RE: Final Change Order Request – I-03-W-LMA Little River Park Sanitary Sewer
Interceptor Rehabilitation/Replacement

Mr. Jakubowski:

The final quantities for the above referenced project were submitted by Matthew's Trenching on January 16, 2018 and have been reviewed by myself and the project inspector for their accuracy. The final change order is necessary to reconcile differences in pay item quantities installed during construction and the bid quantities due to changes in the alignment and variations in field conditions.

The prices shown in Final Change Order request for original bid items were established by competitive bidding and prices for additional items were established through negotiation and have been found to be reasonable and acceptable.

Should you have any questions or comments, or require additional information, please contact our office.

Sincerely,

A handwritten signature in blue ink that reads 'Michael Way'.

Michael Way, P.E.

File: 251

	A	B	C	D	E	F	G	H	I
1	Original Contract				Changes as of 1/18/2018				
2				(C*D)		(F-C)	(F*D)	(H-E)	
3	Item Description	Unit	Estimated Quantity	Unit Price	Estimated Cost	Quantity Used to date	Difference in Quantity	Total Cost for Project	Difference in Cost
4	Base Bid								
5	Pipe Bursting 20' (HDPE)(SDR19)	LF	148.00	100.00	14,800.00	0.00	-148.00	0.00	-14,800.00
6	8" PVC Pipe	LF	516.00	35.00	18,060.00	525.00	9.00	18,375.00	315.00
7	24' PVC Pipe	LF	2,018.00	45.00	90,810.00	2,037.00	19.00	91,665.00	855.00
8	Steel Encasement Pipe	LF	70.00	125.00	8,750.00	70.00	0.00	8,750.00	0.00
9	Trench Excavation	LF	2,534.00	10.00	25,340.00	2,562.00	28.00	25,620.00	280.00
10	Standard Bedding Material	CY	1,460.00	30.00	43,800.00	2,200.00	740.00	66,000.00	22,200.00
11	Construct 5' Diameter Manhole	Each	7.00	2,500.00	17,500.00	7.00	0.00	17,500.00	0.00
12	Extra Depth 5' Diameter Manhole	VF	67.00	350.00	23,450.00	68.74	1.74	24,059.00	609.00
13	Manhole Frame and Lid	Each	9.00	325.00	2,925.00	17.00	8.00	5,525.00	2,600.00
14	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	28.00	160.00	4,480.00	28.00	0.00	4,480.00	0.00
15	Remove & Replace Sidewalk/Trail	SY	197.00	60.00	11,820.00	92.00	-105.00	5,520.00	-6,300.00
16	Sawing Pavement	LF	92.00	4.00	368.00	150.00	58.00	600.00	232.00
17	Construction Signing & Traffic Control	LS	1.00	1,500.00	1,500.00	1.00	0.00	1,500.00	0.00
18	Mobilization/Demobilization	LS	1.00	1,200.00	1,200.00	1.00	0.00	1,200.00	0.00
19	Solid Slab Sodding	SY	4,367.00	4.00	17,468.00	2,967.00	-1,400.00	11,868.00	-5,600.00
20	Rip Rap	SY	273.00	75.00	20,475.00	273.00	0.00	20,475.00	0.00
21	Class A Concrete	CY	98.00	560.00	54,880.00	98.00	0.00	54,880.00	0.00
22	Reinforcing Steel	LBS	853.00	1.75	1,492.75	853.00	0.00	1,492.75	0.00
23	Sewer Service Connections	Each	3.00	500.00	1,500.00	3.00	0.00	1,500.00	0.00
24	Sewer Service Line	LF	100.00	20.00	2,000.00	161.00	61.00	3,220.00	1,220.00
25	Silt Fence	LF	2,375.00	4.00	9,500.00	2,000.00	-375.00	8,000.00	-1,500.00
26	Abandon Sewer	CY	20.00	125.00	2,500.00	109.00	89.00	13,625.00	11,125.00
27	Abandon Manhole	Each	5.00	250.00	1,250.00	5.00	0.00	1,250.00	0.00
28	Deflection Test	LS	1.00	1,500.00	1,500.00	1.00	0.00	1,500.00	0.00
29	Sewer Flow Control	LS	1.00	8,500.00	8,500.00	1.00	0.00	8,500.00	0.00
30	Leakage Test	LS	1.00	1,500.00	1,500.00	1.00	0.00	1,500.00	0.00
31	Pre Construction Television Inspection & Cleaning	LF	148.00	4.00	592.00	148.00	0.00	592.00	0.00
32	Post Construction Television Inspection	LF	148.00	2.00	296.00	0.00	-148.00	0.00	-296.00
33	Construction 4' Diameter Manhole	Each	2.00	1,500.00	3,000.00	2.00	0.00	3,000.00	0.00
34	Extra Depth 4' Diameter Manhole	VF	6.00	175.00	1,050.00	5.24	-0.76	917.00	-133.00
35	Dewatering	LS	1.00	3,000.00	3,000.00	1.00	0.00	3,000.00	0.00
36	GPS As-Built Survey	LS	1.00	3,000.00	3,000.00	1.00	0.00	3,000.00	0.00
37	Base Bid Total				398,306.75				

	A	B	C	D	E	F	G	H	I
77	Pipe Bursting 26" Pipe (HDPE)(SDR19)	LF	2,374.00	180.00	427,320.00	2,455.00	4,829.00	441,900.00	14,580.00
78	Construct 5' Diameter Manhole	Each	7.00	2,500.00	17,500.00	14.00	21.00	35,000.00	17,500.00
79	Extra Depth 5' Diameter Manhole	VF	40.00	350.00	14,000.00	64.25	104.25	22,487.50	8,487.50
80	Manhole Frame and Lid	Each	7.00	325.00	2,275.00	14.00	21.00	4,550.00	2,275.00
81	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	71.00	160.00	11,360.00	6.00	77.00	960.00	-10,400.00
82	Point Repair	LF	100.00	130.00	13,000.00	70.00	170.00	9,100.00	-3,900.00
83	8" Concrete Driveway (HES)	SY	80.00	95.00	7,600.00	0.00	80.00	0.00	-7,600.00
84	Remove & Replace Sidewalk/Trail	SY	239.00	60.00	14,340.00	42.00	281.00	2,520.00	-11,820.00
85	Sawing Pavement	LF	200.00	4.00	800.00	200.00	400.00	800.00	0.00
86	Construction Signing & Traffic Control	LS	1.00	10,000.00	10,000.00	1.00	2.00	10,000.00	0.00
87	Mobilization/Demobilization	LS	1.00	1,500.00	1,500.00	1.00	2.00	1,500.00	0.00
88	Sewer Flow Control	LS	1.00	20,000.00	20,000.00	1.00	2.00	20,000.00	0.00
89	Leakage Test	LS	1.00	1,500.00	1,500.00	1.00	2.00	1,500.00	0.00
90	Pre Construction Television Inspection & Cleaning	LF	2,374.00	4.00	9,496.00	2,374.00	4,748.00	9,496.00	0.00
91	Post Construction Television Inspection	LF	2,374.00	2.00	4,748.00	335.00	2,709.00	670.00	-4,078.00
92	Add Alt #2 Total				555,439.00				
93	Added Items for Add Alt #2								
94	24" PVC Pipe	LF	0.00	45.00	0.00	87.00	87.00	3,915.00	3,915.00
95	Steel Encasement Pipe	LF	0.00	125.00	0.00	260.00	260.00	32,500.00	32,500.00
96	Trench Excavation	LF	0.00	10.00	0.00	147.00	147.00	1,470.00	1,470.00
97	Standard Bedding Material	CY	0.00	30.00	0.00	100.00	100.00	3,000.00	3,000.00
98	Abandon Sewer	CY	0.00	125.00	0.00	37.00	37.00	4,625.00	4,625.00
99	Abandon Manhole	Each	0.00	250.00	0.00	1.00	1.00	250.00	250.00
100	30" Bore	LF	0.00	175.00	0.00	260.00	260.00	45,500.00	45,500.00
101	26" HDPE	LF	0.00	105.00	0.00	316.00	316.00	33,180.00	33,180.00
102	Added Items to Project								
103	Potholing in various locations	LS	0.00	9,945.00	0.00	1.00	1.00	9,945.00	9,945.00
104	Additional Traffic Control for potholing	LS	0.00	1,250.00	0.00	1.00	1.00	1,250.00	1,250.00
105	Installation of ADA sidewalk ramp at Mattress Firm	LS	0.00	2,500.00	0.00	1.00	1.00	2,500.00	2,500.00
106	Hydromulch required by the City and DEQ	SF	0.00	0.11	0.00	86,000.00	86,000.00	9,460.00	9,460.00
107	30" Steel Casing at 19th & Telephone	LF	0.00	125.00	0.00	260.00	260.00	32,500.00	32,500.00
108									
109	Project Total				1,279,643.75	New Project Total	New Project Total	1,693,169.75	

	A	B	C	D	E	F	G	H	I
1	History of Changes Occurring								
2									
3					(C*D)	CHANGE ORDER 01	CHANGE ORDER 02	CHANGE ORDER 03	(C+F)
4	Item Description	Unit	Estimated Quantity	Unit Price	Estimated Cost	Quantity Changed by	Quantity Changed by	Quantity Changed by	TOTAL QUANTITY TO DATE
5	Base Bid								
6	Pipe Bursting 20' (HDPE)(SDR19)	LF	148.00	100.00	14,800.00		-148.00		0.00
7	8" PVC Pipe	LF	516.00	35.00	18,060.00			9.00	525.00
8	24' PVC Pipe	LF	2,018.00	45.00	90,810.00			19.00	2,037.00
9	Steel Encasement Pipe	LF	70.00	125.00	8,750.00				70.00
10	Trench Excavation	LF	2,534.00	10.00	25,340.00	482.00		-454.00	2,562.00
11	Standard Bedding Material	CY	1,460.00	30.00	43,800.00	740.00			2,200.00
12	Construct 5' Diameter Manhole	Each	7.00	2,500.00	17,500.00				7.00
13	Extra Depth 5' Diameter Manhole	VF	67.00	350.00	23,450.00			1.74	68.74
14	Manhole Frame and Lid	Each	9.00	325.00	2,925.00	3.00		5.00	17.00
15	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	28.00	160.00	4,480.00		-12.00	12.00	28.00
16	Remove & Replace Sidewalk/Trail	SY	197.00	60.00	11,820.00			-105.00	92.00
17	Sawing Pavement	LF	92.00	4.00	368.00			58.00	150.00
18	Construction Signing & Traffic Control	LS	1.00	1,500.00	1,500.00				1.00
19	Mobilization/Demobilization	LS	1.00	1,200.00	1,200.00				1.00
20	Solid Slab Sodding	SY	4,367.00	4.00	17,468.00			-1,400.00	2,967.00
21	Rip Rap	SY	158.00	75.00	11,850.00			115.00	273.00
22	Class A Concrete	CY	98.00	560.00	54,880.00				98.00
23	Reinforcing Steel	LBS	853.00	1.75	1,492.75				853.00
24	Sewer Service Connections	Each	3.00	500.00	1,500.00				3.00
25	Sewer Service Line	LF	100.00	20.00	2,000.00			61.00	161.00
26	Silt Fence	LF	2,375.00	4.00	9,500.00			-375.00	2,000.00
27	Abandon Sewer	CY	20.00	125.00	2,500.00	91.00		-2.00	109.00
28	Abandon Manhole	Each	5.00	250.00	1,250.00				5.00
29	Deflection Test	LS	1.00	1,500.00	1,500.00				1.00
30	Sewer Flow Control	LS	1.00	8,500.00	8,500.00				1.00
31	Leakage Test	LS	1.00	1,500.00	1,500.00				1.00
32	Pre Construction Television Inspection & Cleaning	LF	148.00	4.00	592.00				148.00

	A	B	C	D	E	F	G	H	I
33	Post Construction Television Inspection	LF	148.00	2.00	296.00			-148.00	0.00
34	Construction 4' Diameter Manhole	Each	2.00	1,500.00	3,000.00				2.00
35	Extra Depth 4' Diameter Manhole	VF	6.00	175.00	1,050.00			-0.76	5.24
36	Dewatering	LS	1.00	3,000.00	3,000.00				1.00
37	GPS As-Built Survey	LS	1.00	3,000.00	3,000.00				1.00
38	Base Bid Total				389,681.75				
39	Added Items for Base Bid								
40	Perm. Concrete Pavement Remove & Replace	SY	0.00	240.00	0.00	36.00		-36.00	0.00
41	8' Diameter Manhole (0-6')	Each	0.00	5,620.00	0.00	3.00		5.00	8.00
42	8' Extra Depth	VF	0.00	675.00	0.00	15.97			15.97
43	Construction Staking	LS	0.00	1,500.00	0.00	1.00			1.00
44	30" Bore	LF	0.00	175.00	0.00	290.00			290.00
45	Extra Concrete Work on Apron South of Bridge	LS	0.00	15,500.00	0.00	1.00			1.00
46	30" Steel Encasement Pipe	LF	0.00	125.00	0.00	290.00			290.00
47									
48	Add Alt #1								
49	Pipe Bursting 26" Pipe (HDPE)(SDR19)	LF	1,789.00	135.00	241,515.00	-650.00			1,139.00
50	Construct 5' Diameter Manhole	Each	5.00	2,500.00	12,500.00		1.00	1.00	7.00
51	Extra Depth 5' Diameter Manhole	VF	33.00	350.00	11,550.00		5.18	17.82	56.00
52	Manhole Frame and Lid	Each	5.00	325.00	1,625.00	4.00		2.00	11.00
53	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	55.00	160.00	8,800.00	-46.00		-3.00	6.00
54	Point Repair	LF	100.00	150.00	15,000.00			-12.00	88.00
55	Remove & Replace Sidewalk/Trail	SY	83.00	60.00	4,980.00	-70.00			13.00
56	Sawing Pavement	LF	16.00	4.00	64.00				16.00
57	Construction Signing & Traffic Control	LS	1.00	2,000.00	2,000.00				1.00
58	Mobilization/Demobilization	LS	1.00	1,500.00	1,500.00				1.00
59	Solid Slab Sodding	LS	1.00	1,500.00	1,500.00				1.00
60	Silt Fence	LF	70.00	4.00	280.00				70.00
61	Sewer Flow Control	LS	1.00	12,350.00	12,350.00				1.00
62	Leakage Test	LS	1.00	1,500.00	1,500.00				1.00
63	Pre Construction Television Inspection & Cleaning	LF	1,789.00	4.00	7,156.00				1,789.00
64	Post Construction Television Inspection	LF	1,789.00	2.00	3,578.00			-1,454.00	335.00
65	Add Alt #1 Total				325,898.00				
66	Added Items for Add Alt #1								
67	8" PVC Pipe	LF	0.00	35.00	0.00	417.00		67.00	484.00
68	24" PVC Pipe	LF	0.00	45.00	0.00	772.00			772.00

	A	B	C	D	E	F	G	H	I
69	Trench Excavation	LF	0.00	10.00	0.00	417.00		839.00	1,256.00
70	Sewer Service Connections	Each	0.00	500.00	0.00	10.00		14.00	24.00
71	Sewer Service Line	LF	0.00	20.00	0.00	200.00		40.00	240.00
72	Construction 4' Diameter Manhole	Each	0.00	1,500.00	0.00	2.00			2.00
73	Extra Depth 4' Diameter Manhole	VF	0.00	175.00	0.00	4.00			4.00
74	Perm. Concrete Pavement Remove & Replace	SY	0.00	240.00	0.00	42.00		118.00	160.00
75	8' Diameter Manhole (0-6')	Each	0.00	5,620.00	0.00	2.00			2.00
76	8' Extra Depth	VF	0.00	675.00	0.00	12.53			12.53
77	Remove and Reset Existing Fence	LS	0.00	15.00	0.00	300.00			300.00
78									
79	Add Alt #2								
80	Pipe Bursting 26" Pipe (HDPE)(SDR19)	LF	2,374.00	180.00	427,320.00		-316.00	397.00	2,455.00
81	Construct 5' Diameter Manhole	Each	7.00	2,500.00	17,500.00	1.00	8.00	-2.00	14.00
82	Extra Depth 5' Diameter Manhole	VF	40.00	350.00	14,000.00	5.70	31.57	-13.02	64.25
83	Manhole Frame and Lid	Each	7.00	325.00	2,275.00	1.00		6.00	14.00
84	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	71.00	160.00	11,360.00	-47.45		-17.55	6.00
85	Point Repair	LF	100.00	130.00	13,000.00			-30.00	70.00
86	8" Concrete Driveway (HES)	SY	80.00	95.00	7,600.00			-80.00	0.00
87	Remove & Replace Sidewalk/Trail	SY	239.00	60.00	14,340.00			-197.00	42.00
88	Sawing Pavement	LF	200.00	4.00	800.00				200.00
89	Construction Signing & Traffic Control	LS	1.00	10,000.00	10,000.00				1.00
90	Mobilization/Demobilization	LS	1.00	1,500.00	1,500.00				1.00
91	Sewer Flow Control	LS	1.00	20,000.00	20,000.00				1.00
92	Leakage Test	LS	1.00	1,500.00	1,500.00				1.00
93	Pre Construction Television Inspection & Cleaning	LF	2,374.00	4.00	9,496.00				2,374.00
94	Post Construction Television Inspection	LF	2,374.00	2.00	4,748.00			-2,039.00	335.00
95	Add Alt #2				555,439.00				
96	Added Items for Add Alt #2								
97	24" PVC Pipe	LF	0.00	45.00	0.00		87.00		87.00
98	Steel Encasement Pipe	LF	0.00	125.00	0.00		250.00	10.00	260.00
99	Trench Excavation	LF	0.00	10.00	0.00		147.00		147.00
100	Standard Bedding Material	CY	0.00	30.00	0.00		100.00		100.00
101	Abandon Sewer	CY	0.00	125.00	0.00		37.00		37.00
102	Abandon Manhole	Each	0.00	250.00	0.00		1.00		1.00
103	30" Bore	LF	0.00	175.00	0.00		250.00	10.00	260.00
104	26" HDPE	LF	0.00	105.00	0.00		316.00		316.00

	A	B	C	D	E	F	G	H	I
105	Added Items to Project								
106	Potholing in various locations	LS	0.00	9,945.00	0.00			1.00	1.00
107	Additional Traffic Control for potholing	LS	0.00	1,250.00	0.00			1.00	1.00
108	Installation of ADA sidewalk ramp at Mattress Firm	LS	0.00	2,500.00	0.00			1.00	1.00
109	Hydromulch required by the City and DEQ	SF	0.00	0.11	0.00			86,000.00	86,000.00
110	30" Steel Casing at 19th & Telephone	LF	0.00	125.00	0.00			260.00	260.00
111	Project Total				1,271,018.75				
112									
113	Change Order 7/18/2017								
114	Base Bid Changes								
115	Trench Excavation	LF	482.00	10.00	4,820.00				
116	Standard Bedding Material	CY	740.00	30.00	22,200.00				
117	Manhole Frame and Lid	Each	3.00	325.00	975.00				
118	Abandon Sewer	CY	91.00	125.00	11,375.00				
119	Base Bid Added Items								
120	Perm. Concrete Pavement Remove & Replace	SY	36.00	240.00	8,640.00				
121	8' Diameter Manhole (0-6')	Each	3.00	5,620.00	16,860.00				
122	8' Extra Depth	VF	15.97	675.00	10,779.75				
123	Construction Staking	LS	1.00	1,500.00	1,500.00				
124	30" Bore	LF	290.00	175.00	50,750.00				
125	Extra Concrete Work on Apron South of Bridge	LS	1.00	15,500.00	15,500.00				
126	30" Steel Encasement Pipe	LF	290.00	125.00	36,250.00				
127	Add Alt #1 Changes								
128	Pipe Bursting 26" Pipe (HDPE)(SDR19)	LF	-650.00	135.00	-87,750.00				
129	Manhole Frame and Lid	Each	4.00	325.00	1,300.00				
130	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	-46.00	160.00	-7,360.00				
131	Remove & Replace Sidewalk/Trail	SY	-70.00	60.00	-4,200.00				
132	Add Alt #1 Added Items								
133	8" PVC Pipe	LF	417.00	35.00	14,595.00				
134	24" PVC Pipe	LF	772.00	45.00	34,740.00				
135	Trench Excavation	LF	417.00	10.00	4,170.00				
136	Sewer Service Connections	Each	10.00	500.00	5,000.00				
137	Sewer Service Line	LF	200.00	20.00	4,000.00				
138	Construction 4' Diameter Manhole	Each	2.00	1,500.00	3,000.00				
139	Extra Depth 4' Diameter Manhole	VF	4.00	175.00	700.00				
140	Perm. Concrete Pavement Remove & Replace	SY	42.00	240.00	10,080.00				

	A	B	C	D	E	F	G	H	I
141	8' Diameter Manhole (0-6')	Each	2.00	5,620.00	11,240.00				
142	8' Extra Depth	VF	12.53	675.00	8,457.75				
143	Remove and Reset Existing Fence	LS	300.00	15.00	4,500.00				
144	Add Alt #2 Changes								
145	Construct 5' Diameter Manhole	Each	1.00	2,500.00	2,500.00				
146	Extra Depth 5' Diameter Manhole	VF	5.70	350.00	1,995.00				
147	Manhole Frame and Lid	Each	1.00	325.00	325.00				
148	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	-47.45	160.00	-7,592.00				
149	Total Change Order				179,350.50				
150									
151									
152	Change Order 10/20/2017								
153	Base Bid Changes								
154	Pipe Bursting 20' (HDPE)(SDR19)	LF	-148.00	100.00	-14,800.00				
155	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	-12.00	160.00	-1,920.00				
156	Add Alt #1 Changes								
157	Construct 5' Diameter Manhole	Each	1.00	2,500.00	2,500.00				
158	Extra Depth 5' Diameter Manhole	VF	5.18	350.00	1,813.00				
159	Add Alt #2 Changes								
160	Pipe Bursting 26" Pipe (HDPE)(SDR19)	LF	-316.00	180.00	-56,880.00				
161	Construct 5' Diameter Manhole	Each	8.00	2,500.00	20,000.00				
162	Extra Depth 5' Diameter Manhole	VF	31.57	350.00	11,049.50				
163	Add Alt #2 Added Items								
164	24" PVC Pipe	LF	87.00	45.00	3,915.00				
165	Steel Encasement Pipe	LF	250.00	125.00	31,250.00				
166	Trench Excavation	LF	147.00	10.00	1,470.00				
167	Standard Bedding Material	CY	100.00	30.00	3,000.00				
168	Abandon Sewer	CY	37.00	125.00	4,625.00				
169	Abandon Manhole	Each	1.00	250.00	250.00				
170	30" Bore	LF	250.00	175.00	43,750.00				
171	26" HDPE	LF	316.00	105.00	33,180.00				
172	Total Change Order				83,202.50				
173									
174	Change Order 1/18/2018								
175	Base Bid Changes								
176	8" PVC Pipe	LF	9.00	35.00	315.00				

	A	B	C	D	E	F	G	H	I
177	24' PVC Pipe	LF	19.00	45.00	855.00				
178	Trench Excavation	LF	-454.00	10.00	-4,540.00				
179	Extra Depth 5' Diameter Manhole	VF	1.74	350.00	609.00				
180	Manhole Frame and Lid	Each	5.00	325.00	1,625.00				
181	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	12.00	160.00	1,920.00				
182	Remove & Replace Sidewalk/Trail	SY	-105.00	60.00	-6,300.00				
183	Sawing Pavement	LF	58.00	4.00	232.00				
184	Solid Slab Sodding	SY	-1,400.00	4.00	-5,600.00				
185	Rip Rap	SY	115.00	75.00	8,625.00				
186	Sewer Service Line	LF	61.00	20.00	1,220.00				
187	Silt Fence	LF	-375.00	4.00	-1,500.00				
188	Abandon Sewer	CY	-2.00	125.00	-250.00				
189	Post Construction Television Inspection	LF	-148.00	2.00	-296.00				
190	Extra Depth 4' Diameter Manhole	VF	-0.76	175.00	-133.00				
191	Perm. Concrete Pavement Remove & Replace	SY	-36.00	240.00	-8,640.00				
192	8' Diameter Manhole (0-6')	Each	5.00	5,620.00	28,100.00				
193	Add Alt #1 Changes								
194	Construct 5' Diameter Manhole	Each	1.00	2,500.00	2,500.00				
195	Extra Depth 5' Diameter Manhole	VF	17.82	350.00	6,237.00				
196	Manhole Frame and Lid	Each	2.00	325.00	650.00				
197	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	-3.00	160.00	-480.00				
198	Point Repair	LF	-12.00	150.00	-1,800.00				
199	Post Construction Television Inspection	LF	-1,454.00	2.00	-2,908.00				
200	8" PVC Pipe	LF	67.00	35.00	2,345.00				
201	Trench Excavation	LF	839.00	10.00	8,390.00				
202	Sewer Service Connections	Each	14.00	500.00	7,000.00				
203	Sewer Service Line	LF	40.00	20.00	800.00				
204	Perm. Concrete Pavement Remove & Replace	SY	118.00	240.00	28,320.00				
205	Add Alt #2 Changes								
206	Pipe Bursting 26" Pipe (HDPE)(SDR19)	LF	397.00	180.00	71,460.00				
207	Construct 5' Diameter Manhole	Each	-2.00	2,500.00	-5,000.00				
208	Extra Depth 5' Diameter Manhole	VF	-13.02	350.00	-4,557.00				
209	Manhole Frame and Lid	Each	6.00	325.00	1,950.00				
210	Sanitary Sewer Manhole Rehab (5' Diameter)	VF	-17.55	160.00	-2,808.00				
211	Point Repair	LF	-30.00	130.00	-3,900.00				
212	8" Concrete Driveway (HES)	SY	-80.00	95.00	-7,600.00				

	A	B	C	D	E	F	G	H	I
213	Remove & Replace Sidewalk/Trail	SY	-197.00	60.00	-11,820.00				
214	Post Construction Television Inspection	LF	-2,039.00	2.00	-4,078.00				
215	Steel Encasement Pipe	LF	10.00	125.00	1,250.00				
216	30" Bore	LF	10.00	175.00	1,750.00				
217	Added Items to Project								
218	Potholing in various locations	LS	1.00	9,945.00	9,945.00				
219	Additional Traffic Control for potholing	LS	1.00	1,250.00	1,250.00				
220	Installation of ADA sidewalk ramp at Mattress Firm	LS	1.00	2,500.00	2,500.00				
221	Hydromulch required by the City and DEQ	SF	86,000.00	0.11	9,460.00				
222	30" Steel Casing at 19th & Telephone	LF	260.00	125.00	32,500.00				
223	Total Change Order				159,598.00				
224									
225	New Total Project Cost				1,693,169.75				



MATTHEWS TRENCHING CO., INC.

Post Office Box 15479
Oklahoma City, Oklahoma 73155 5479

Office 677-4525

FAX 677 4835

FINAL Change Order Request

Project: Little River Sanitary Sewer
Moore, Oklahoma

Project No.:

Change Order Request No:

FINAL

Date:

1/16/2018

To Contractor: City of Moore

C/O Cabbiness Engineering

The Contract is changed as follows:

BASE			
PIPE BURST 20" HDPE SDR-19	0 LF	\$100.00	\$0.00
8" PVC	525 LF	\$35.00	\$18,375.00
24" PVC	2037 LF	\$45.00	\$91,665.00
STEEL ENCASMENT	70 LF	\$125.00	\$8,750.00
TRENCH EXCAVATION	2562 LF	\$10.00	\$25,620.00
STANDARD BEDDING	2200 CY	\$30.00	\$66,000.00
5' DIA MH	7 EA	\$2,500.00	\$17,500.00
5' DIA EXTRA DEPTH	68.74 VF	\$350.00	\$24,059.00
MANHOLE FRAME & LID	17 EA	\$325.00	\$5,525.00
5' DIA MH REHAB	28 VF	\$160.00	\$4,480.00
REM & REP SIDEWALK/TRAIL	92 SY	\$60.00	\$5,520.00
SAWING PAVEMENT	150 LF	\$4.00	\$600.00
TRAFFIC CONTROL	1 LS	\$1,500.00	\$1,500.00
MOB/DEMOB	1 LS	\$1,200.00	\$1,200.00
SOLID SLAB SOD	2967 SY	\$4.00	\$11,868.00
RIP RAP	273 SY	\$75.00	\$20,475.00
CLASS A CONC	98 CY	\$560.00	\$54,880.00
REINFORCE STEEL	853 LB	\$1.75	\$1,492.75
SEWER SERV CONNECT	3 EA	\$500.00	\$1,500.00
SEWER SERV LINE	161 LF	\$20.00	\$3,220.00
SILT FENCE	2000 LF	\$4.00	\$8,000.00
ABANDON SEWER	109 CY	\$125.00	\$13,625.00
ABANDON MH	5 EA	\$250.00	\$1,250.00
DEFLECTION TEST	1 LS	\$1,500.00	\$1,500.00
SEWER FLOW CONTROL	1 LS	\$8,500.00	\$8,500.00
LEAK TEST	1 LS	\$1,500.00	\$1,500.00
PRE TV & CLEAN	148 LF	\$4.00	\$592.00
POST CONST TV INSPECT	0 LF	\$2.00	\$0.00
4' DIA MH	2 EA	\$1,500.00	\$3,000.00
4' DIA MH EXTRA DEPTH	5.24 VF	\$175.00	\$917.00
DEWATERING	1 LS	\$3,000.00	\$3,000.00
GPS AS BUILT	1 LS	\$3,000.00	\$3,000.00
PERM CONC PAVEMENT REM & REPLACE	0 SY	\$240.00	\$0.00
8' DIA MANHOLE	8 EA	\$5,620.00	\$44,960.00
8' EXTRA DEPTH	15.97 VF	\$675.00	\$10,779.75
CONSTRUCTIONS TAKING	1 LS	\$1,500.00	\$1,500.00



MATTHEWS TRENCHING CO., INC.

Post Office Box 15479
Oklahoma City, Oklahoma 73155 5479

Office: 677-4525

FAX: 677 4835

Subcontract Change Order Request Cont'd.

Project: Little River Sanitary Sewer
Moore, Oklahoma

Project No.:
Change Order Request No: FINAL
Date: 1/16/2018

To Contractor: City of Moore
C/O Cabbiness Engineering

The Contract is changed as follows:

30" BORE	290	LF	\$175.00	\$50,750.00
EXTRA CONC WORK ON APRON SOUTH OF BRIDGE	1	LS	\$15,500.00	\$15,500.00
30" STEEL ENCASEMENT PIPE	290	LF	\$125.00	\$36,250.00
ALTERNATE 1				
PIPE BURST 26" SDR-19	1139	LF	\$135.00	\$153,765.00
CONST 5' DIA MH	7	EA	\$2,500.00	\$17,500.00
EXTRA DEPTH 5' DIA MH	56	VF	\$350.00	\$19,600.00
MH FRAME & LID	11	EA	\$325.00	\$3,575.00
SANITARY SEWER MH REHAB	6	VF	\$160.00	\$960.00
POINT REPAIR	88	LF	\$150.00	\$13,200.00
REM & REP SIDEWALK TRAIL	13	SY	\$60.00	\$780.00
SAW PAVEMENT	16	LF	\$4.00	\$64.00
CONST SIGN & TRAFFIC CONTROL	1	LS	\$2,000.00	\$2,000.00
MOB/DEMOB	1	LS	\$1,500.00	\$1,500.00
SOLID SLAB SOD	1	LS	\$1,500.00	\$1,500.00
SILT FENCE	70	LF	\$4.00	\$280.00
SEWER FLOW CONTROL	1	LS	\$12,350.00	\$12,350.00
LEAK TEST	1	LS	\$1,500.00	\$1,500.00
PRE CONST TV INSPECT	1789	LF	\$4.00	\$7,156.00
POST CONST TV INSPECT	335	LF	\$2.00	\$670.00
8" PVC PIPE	484	LF	\$35.00	\$16,940.00
24" PVC PIPE	772	LF	\$45.00	\$34,740.00
TRENCH EXCAVATION	1256	LF	\$10.00	\$12,560.00
SEWER SERVICE CONNECTION	24	EA	\$500.00	\$12,000.00
SEWER SERVICE LINE	240	LF	\$20.00	\$4,800.00
CONSTRUCTION OF 4' DIA MH	2	EA	\$1,500.00	\$3,000.00
EXTRA DEPTH 4' DIA MANHOLE	4	VF	\$175.00	\$700.00
PERM CONC PAVEMENT REM & REPLACE	160	SY	\$240.00	\$38,400.00
8' DIA MH	2	EA	\$5,620.00	\$11,240.00
8' EXTRA DEPTH	12.53	VF	\$675.00	\$8,457.75
REM & RESET EXIST FENCE	300	LF	\$15.00	\$4,500.00



MATTHEWS TRENCHING CO., INC.

Post Office Box 15479
Oklahoma City, Oklahoma 73155 5479

Office: 677-4525
FAX: 677-4835

Subcontract Change Order Request Cont'd.

Project: Little River Sanitary Sewer
Moore, Oklahoma

Project No.:
Change Order Request No: FINAL
Date: 1/16/2018

To Contractor: City of Moore
C/O Cabbiness Engineering

The Contract is changed as follows:

ALTERNATE 2

PIPE BURST 26" HDPE DR-190	2455	LF	\$180.00	\$441,900.00
5' DIA MH	14	EA	\$2,500.00	\$35,000.00
EXTRA DEPTH MH	64.25	VF	\$350.00	\$22,487.50
MH FRAME & LID	14	EA	\$325.00	\$4,550.00
5' DIA MH REHAB	6	VF	\$160.00	\$960.00
POINT REPAIR	70	LF	\$130.00	\$9,100.00
8" CONC DRIVEWAY HES	0	SY	\$95.00	\$0.00
REM & REP SIDEWALK/TRAIL	42	SY	\$60.00	\$2,520.00
SAW PAVEMENT	200	LF	\$4.00	\$800.00
SIGN & TRAFFIC CONTROL	1	LS	\$10,000.00	\$10,000.00
MOB/DEMOB	1	LS	\$1,500.00	\$1,500.00
SEWER FLOW CONTROL	1	LS	\$20,000.00	\$20,000.00
LEAK TEST	1	LS	\$1,500.00	\$1,500.00
PRE CONST TV INSPECT	2374	LF	\$4.00	\$9,496.00
POST TV CLEAN/INSPECT	335	LF	\$2.00	\$670.00
24" PVC PIPE	87	LF	\$45.00	\$3,915.00
STEEL ENCASEMENT	260	LF	\$125.00	\$32,500.00
TRENCH EXCAVATION	147	LF	\$10.00	\$1,470.00
STANDARD BEDDING MATERIAL	100	CY	\$30.00	\$3,000.00
ABANDON SEWER	37	CY	\$125.00	\$4,625.00
ABANDON MANHOLE	1	EA	\$250.00	\$250.00
30" BORE	260	LF	\$175.00	\$45,500.00
26" HDPE	316	LF	\$105.00	\$33,180.00

GO DATED 12/14/17

POTHOLING AS OUTLINED	1	LS	\$9,945.00	\$9,945.00
ADD'L TRAFFIC CTRL W/ POTHOLING	1	LS	\$1,250.00	\$1,250.00
ADA SIDEWALK RAMP AT MATRESS FIRM	1	LS	\$2,500.00	\$2,500.00
HYDROMULCH PER CITY OF MOORE & ODEQ	86000	SF	\$0.11	\$9,460.00
30" STEEL CASING 19TH & TELEPHONE RD	260	LF	\$125.00	\$32,500.00

TOTAL: \$1,693,169.75

ONE MILLION SIX HUNDRED NINETY THREE THOUSAND ONE SIXTY NINE AND 75/100'S DOLLARS

NOT VALID UNTIL SIGNED BY CONTRACTOR



(Signature)

By _____

Date _____

e-mail _____

Matthews Trenching
SUBCONTRACTOR
PO Box 15479
Oklahoma City, OK 73155



(Signature)

By DAVID PARKER

Date 1-16-18

e-mail dparker@mtciokc.com