



CDBG-DR 13 CHANGE ORDER OR WORK ORDER AMENDMENT



Project Information					
Project Name	S. Broadway				
Work Order Number (CDBG-DR 01)	I-14-E-URG	Project Address	S. Broadway from SE 4 th St to SE 19 th St		
Date	10/9/2017	Requested By	Silver Star Construction		
Date Requested	N/A	Total Budget	\$2,516,903.17	Cost of Change	-75,450.97

Change Order Type - Description				
Circle Type:	Field	Change	Work Order Amendment	
Budget Line Items Affected: (List All)				
Change in Quantities:				
Type A Base – Unit Price \$88.50/CY, Quantity increased by 454, Total \$84,871.50				
Rock Backfill – Unit Price \$33.85/Ton, Quantity decreased by 1,247.98, Total \$121,048.29				
Cement Kiln Dust – Unit Price \$54/Ton, Quantity decreased by 80.44, Total \$5,106.24				
Asphaltic Concrete Type A (PG 64-22) >600 Tons - Unit Price \$59.70/Ton, Quantity increased by 195.62, Total \$67,378.61				
Asphaltic Concrete Type A (PG 70-28) >600 Tons - Unit Price \$62.75/Ton, Quantity decreased by 933, Total \$0.00				
Asphaltic Concrete Type B (PG 70-28) >600 Tons - Unit Price \$69.00/Ton, Quantity increased by 462.86, Total \$201,470.34				
PCC Pavement (8" Dowel Jointed)(>500SY) – Unit Price \$54.85/SY, Quantity decreased by 241.67, Total \$110,760.25				
Integral Curb (Barrier)(8") – Unit Price \$17.55/LF, Quantity decreased by 203, Total \$6,791.85				
Curb & Gutter (2'-8")(8" Barrier) – Unit Price \$28.20/LF, Quantity decreased by 861, Total \$0.00				
6" Concrete Driveway (HES) – Unit Price \$83.40/SY, Quantity increased by 80, Total \$13,927.80				
Crushed Rock Foundation – Unit Price \$40.60/CY, Quantity decreased by 318.89, Total \$10,885.27				

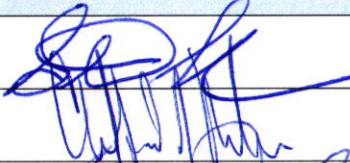
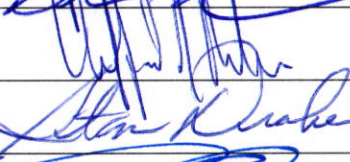
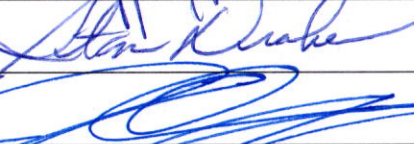

Reinforced Concrete Pipe 24" – Unit Price \$68.75/LF, Quantity decreased by 5, Total \$39,737.50
 Reinforced Concrete Pipe 18" O-Ring – Unit Price \$60.15/ LF, Quantity decreased by 8, Total \$17,022.45
 Reinforced Concrete Pipe 24" O-Ring – Unit Price \$74.10/LF, Quantity increased by 33.30, Total \$9,210.63
 Reinforced Concrete Pipe 36" O-Ring – Unit Price \$112.80/LF, Quantity decreased by 119.50, Total \$199,374.00
 Asphalt Pavement Removal for Storm Sewer Install – Unit Price \$13.95/ SY, Quantity increased by 6,761, Total \$112,799.70
 Junction Box (6x6) – Unit Price \$591/CY, Quantity increased by 31.25, Total \$63,621.15
 Setting New Manhole Ring & Cover – Unit Price \$389/each, Quantity increased by 5, Total \$7,002.50
 Traffic Signals lump sum price decreased by \$44,392.30, Total \$114,014.30
 Traffic Stripe (Plastic)(4" Wide) – Unit Price \$1.03/LF, Quantity decreased by 11,411, Total \$0.00
 Traffic Stripe (Plastic)(Arrows) – Unit Price \$242/Each, Quantity decreased by 8, Total \$0.00
 Construction Signing & Traffic Control lump sum price increased by \$16,005.09, Total \$48,973.44
 Remove Storm Sewer Structure – Unit Price increased to \$5,832.00, Total \$5,832.00
 Asphalt Pavement Removal – Unit Price \$13.95/SY, Quantity decreased by 6,747, Total \$0.00
 Sawcut Pavement – Unit Price \$3.25/LF, Quantity increased by 2,882, Total \$15,788.50
 Detectable Warning Surface – Unit Price \$43/SF, Quantity decreased by 240, Total \$0.00
 Trees Relocate – Unit Price \$209/Each, Quantity decreased by 8, Total \$0.00
 Filter Fabric Silt Fence – Unit Price \$1.90/LF, Quantity decreased by 8,955, Total \$0.00
 Silt Dike – Unit Price \$8.60/LF, Quantity decreased by 110, Total \$0.00
 Type A Base for trails – Unit Price \$88.50/CY, Quantity decreased by 450, Total \$0.00
 Overhead Park Special Entry Sign lump sum price decreased by \$12,197.71, New Total \$222,337.29
 Trail Lighting lump sum price increased by \$1,665.00, New Total \$91,800.00

Added Items:

Asphaltic Concrete Type A (64-22)(101-300 Tons) – Unit Price \$87.75/ton, Quantity 125.27, Total \$10,992.44
 Asphaltic Concrete Type B (64-22)(0-100 Tons) – Unit Price \$163.25/Ton, Quantity 41.69, Total \$6,805.89
 Tactile Markers/Truncated Domes – Unit Price \$43/SF, Quantity 240, Total \$10,320.00
 30" Bore & Casing – Unit Price \$450/LF, Quantity 86, Total \$38,700.00
 Curb & Gutter (2'-8")(6" Barrier) – Unit Price \$26.95/LF, Quantity 1,318, Total \$35,520.10

Mobilization Decreased to \$164,657.22

Change Description	
	<p>When the contractor was removing the storm sewer structure, there was a buried junction that needed to be removed as well. Contractor only charged enough to cover man/equipment for a short amount of time to remove the additional item. For the increase in trail lighting, there was underground at the North end that had se be moved due to the realignment of the trail connection. The 30" bore & casing were added to move the pit for the storm sewer rehabilitation at SW16th and Telephone Rd. City Staff decided to move the pit and bore under Telephone Rd to prevent tear out of Telephone Road.</p>

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	
Work Order Amendment			
Work Order Amendment Authorization ONLY Vendor Signature		Date	10/9/2017
Work Order Amendment Authorization ONLY Project Manager Signature		Date	10/9/2017
Work Order Amendment Authorization ONLY Project Supervisor Signature		Date	10/9/2017
Contract Amendment Authorization ONLY CDBG Manager		Date	10/9/2017

	A	B	C	D	E	F	G	H	I	J	K	L
1	PAGE TWO: Sum of Changes as of 06 October 2017		Original Contract				AS OF 06 OCT 17					
2				(D*E)			(G-D)		(G*E)	(I-F)		
3	Pay Item #	Item Description	Unit	Estimated Quantity	Unit Price	Estimated Cost	Quantity Used to Date	Difference in Quantity	Total Cost for Project	Difference in Cost		
4	200-00	Unclassified Excavation (>500CY)	CY	2,898.00	23.60	68,392.80	2,898.00	0.00	68,392.80	0.00		
5	212-01	Trench Excavation & Backfill	CY	3,833.00	16.20	62,094.60	3,833.00	0.00	62,094.60	0.00		
6	225-00	Type A Base	CY	505.00	88.50	44,692.50	959.00	454.00	84,871.50	40,179.00		
7	215-08	Rock Backfill	Ton	4,824.00	33.85	163,292.40	3,576.02	-1,247.98	121,048.29	-42,244.11		
8	222-03	Cement Kiln Dust	Ton	175.00	54.00	9,450.00	94.56	-80.44	5,106.24	-4,343.76		
9	222-05	Cementitious Stabilized Subgrade	SY	4,973.00	8.35	41,524.55	4,973.00	0.00	41,524.55	0.00		
10	301-28	Asphaltic Concrete Type A (PG 64-22) >600 Tons	Ton	933.00	59.70	55,700.10	1,128.62	195.62	67,378.61	11,678.51		
11	301-31	Asphaltic Concrete Type A (PG 70-28) >600 Tons	Ton	933.00	62.75	58,545.75	0.00	-933.00	0.00	-58,545.75		
12	301-33	Asphaltic Concrete Type B (PG 70-28)>600 Tons	Ton	2,457.00	69.00	169,533.00	2,919.86	462.86	201,470.34	31,937.34		
13	304-07	PCC Pavement (8" Dowel Jointed) (>500 SY)	SY	2,261.00	54.85	124,015.85	2,019.33	-241.67	110,760.25	-13,255.60		
14	305-04	Integral Curb (Barrier) (8")	LF	590.00	17.55	10,354.50	387.00	-203.00	6,791.85	-3,562.65		
15	305-01	Curb & Gutter (2'-8") (8" Barrier)	LF	861.00	28.20	24,280.20	0.00	-861.00	0.00	-24,280.20		
16	823-03	6" Concrete Driveway (HES)	SY	87.00	83.40	7,255.80	167.00	80.00	13,927.80	6,672.00		
17	309-00	Cold Milling Asphalt Pavement (1-3/4")	SY	16,117.00	5.10	82,196.70	16,117.00	0.00	82,196.70	0.00		
18	313-00	Tack Coat	GAL	1,346.00	5.50	7,403.00	1,346.00	0.00	7,403.00	0.00		
19	200-00	Unclassified Excavation for Channel Liner	CY	312.00	25.15	7,846.80	312.00	0.00	7,846.80	0.00		
20	403-01	Concrete Channel Liner	SY	442.00	77.35	34,188.70	442.00	0.00	34,188.70	0.00		
21	403-02	Concrete Channel Liner (Transition)	SY	90.00	85.95	7,735.50	90.00	0.00	7,735.50	0.00		
22	213-01	Crushed Rock Foundation for Storm Sewer	CY	587.00	40.60	23,832.20	268.11	-318.89	10,885.27	-12,946.93		
23	453-01	Reinforced Concrete Pipe 24"	LF	583.00	68.75	40,081.25	578.00	-5.00	39,737.50	-343.75		
24	453-12	Reinforced Concrete Pipe 18" O-Ring	LF	291.00	60.15	17,503.65	283.00	-8.00	17,022.45	-481.20		
25	453-13	Reinforced Concrete Pipe 24" O-Ring	LF	91.00	74.10	6,743.10	124.30	33.30	9,210.63	2,467.53		
26	453-14	Reinforced Concrete Pipe 36" O-Ring	LF	1,887.00	112.80	212,853.60	1,767.50	-119.50	199,374.00	-13,479.60		
27	453-25	Reinforced Concrete Pipe End Section (24")	Each	1.00	1,047.50	1,047.50	1.00	0.00	1,047.50	0.00		
28	812-04	Asphalt Pavement Removal for Storm Sewer Install	SY	1,325.00	13.95	18,483.75	8,086.00	6,761.00	112,799.70	94,315.95		
29	454-30	Junction Box (6x6)	CY	76.40	591.00	45,152.40	107.65	31.25	63,621.15	18,468.75		
30	454-34	Design 2-0 Inlet Complete in Place	Each	12.00	2,245.00	26,940.00	12.00	0.00	26,940.00	0.00		
31	454-66	Box Type Inlet (4x4)	Each	2.00	2,825.00	5,650.00	2.00	0.00	5,650.00	0.00		
32	460-00	Setting New Manhole Ring & Cover	Each	13.00	389.00	5,057.00	18.00	5.00	7,002.00	1,945.00		
33	700-00	Traffic Signals	LS	1.00	158,406.60	158,406.60	0.72	-0.28	114,014.30	-44,392.30		
34	729-10	Remove Existing Sign	Each	2.00	107.00	214.00	2.00	0.00	214.00	0.00		
35	735-00	Traffic Stripe (Plastic)(4" Wide)	LF	11,411.00	1.03	11,753.33	0.00	-11,411.00	0.00	-11,753.33		
36	735-01	Traffic Stripe (Plastic)(Arrows)	Each	8.00	242.00	1,936.00	0.00	-8.00	0.00	-1,936.00		
37	801-00	Construction Staking (Construction Survey)	Days	8.00	1,205.00	9,640.00	8.00	0.00	9,640.00	0.00		
38	802-00	Construction Signing & Traffic Control	LS	1.00	32,968.35	32,968.35	1.51	0.51	48,973.44	16,005.09		
39	809-00	Mobilization	LS	1.00	169,593.26	169,593.26	1.00	0.00	164,657.22	-4,936.04		
40	811-04	Remove Storm Sewer (RCP)	LF	111.00	38.50	4,273.50	111.00	0.00	4,273.50	0.00		
41	811-04	Remove Storm Sewer Structure	Each	1.00	5,725.00	5,725.00	1.00	0.00	5,832.00	107.00		
42	812-01	Remove Sidewalk (6')	SY	140.00	14.00	1,960.00	140.00	0.00	1,960.00	0.00		
43	812-02	Remove Curb & Gutter	LF	1,234.00	15.50	19,127.00	1,234.00	0.00	19,127.00	0.00		
44	812-04	Asphalt Pavement Removal	SY	6,747.00	13.95	94,120.65	0.00	-6,747.00	0.00	-94,120.65		
45	819-11	Remove & Replace Light Pole	Each	5.00	6,831.00	34,155.00	5.00	0.00	34,155.00	0.00		

	A	B	C	D	E	F	G	H
1	PAGE ONE: History of Changes Occurring							
2							AS OF 06 OCT 17	
3						(D*E)	CHANGE ORDER 01	(I-F)
4	Pay Item #	Item Description	Unit	Estimated Quantity	Unit Price	Estimated Cost	Quantity Changed by	TOTAL QUANTITY TO DATE
5	200-00	Unclassified Excavation (>500CY)	CY	2,898.00	23.60	68,392.80	0.00	2,898.00
6	212-01	Trench Excavation & Backfill	CY	3,833.00	16.20	62,094.60	0.00	3,833.00
7	225-00	Type A Base	CY	505.00	88.50	44,692.50	0.00	505.00
8	215-08	Rock Backfill	Ton	4,824.00	33.85	163,292.40	-1,247.98	3,576.02
9	222-03	Cement Kiln Dust	Ton	175.00	54.00	9,450.00	-80.44	94.56
10	222-05	Cementitious Stabilized Subgrade	SY	4,973.00	8.35	41,524.55	0.00	4,973.00
11	301-28	Asphaltic Concrete Type A (PG 64-22) >600 Tons	Ton	933.00	59.70	55,700.10	195.62	1,128.62
12	301-31	Asphaltic Concrete Type A (PG 70-28) >600 Tons	Ton	933.00	62.75	58,545.75	-933.00	0.00
13	301-33	Asphaltic Concrete Type B (PG 70-28)>600 Tons	Ton	2,457.00	69.00	169,533.00	462.86	2,919.86
14	304-07	PCC Pavement (8" Dowel Jointed) (>500 SY)	SY	2,261.00	54.85	124,015.85	-241.67	2,019.33
15	305-04	Integral Curb (Barrier) (8")	LF	590.00	17.55	10,354.50	-203.00	387.00
16	305-01	Curb & Gutter (2'-8")(8" Barrier)	LF	861.00	28.20	24,280.20	-861.00	0.00
17	823-03	6" Concrete Driveway (HES)	SY	87.00	83.40	7,255.80	80.00	167.00
18	309-00	Cold Milling Asphalt Pavement (1-3/4")	SY	16,117.00	5.10	82,196.70	0.00	16,117.00
19	313-00	Tack Coat	GAL	1,346.00	5.50	7,403.00	0.00	1,346.00
20	200-00	Unclassified Excavation for Channel Liner	CY	312.00	25.15	7,846.80	0.00	312.00
21	403-01	Concrete Channel Liner	SY	442.00	77.35	34,188.70	0.00	442.00
22	403-02	Concrete Channel Liner (Transition)	SY	90.00	85.95	7,735.50	0.00	90.00
23	213-01	Crushed Rock Foundation for Storm Sewer	CY	587.00	40.60	23,832.20	-318.89	268.11
24	453-01	Reinforced Concrete Pipe 24"	LF	583.00	68.75	40,081.25	-5.00	578.00
25	453-12	Reinforced Concrete Pipe 18" O-Ring	LF	291.00	60.15	17,503.65	-8.00	283.00
26	453-13	Reinforced Concrete Pipe 24" O-Ring	LF	91.00	74.10	6,743.10	33.30	124.30
27	453-14	Reinforced Concrete Pipe 36" O-Ring	LF	1,887.00	112.80	212,853.60	-119.50	1,767.50
28	453-25	Reinforced Concrete Pipe End Section (24")	Each	1.00	1,047.50	1,047.50	0.00	1.00
29	812-04	Asphalt Pavement Removal for Storm Sewer Install	SY	1,325.00	13.95	18,483.75	6,761.00	8,086.00
30	454-30	Junction Box (6x6)	CY	76.40	591.00	45,152.40	31.25	107.65
31	454-34	Design 2-0 Inlet Complete in Place	Each	12.00	2,245.00	26,940.00	0.00	12.00
32	454-66	Box Type Inlet (4x4)	Each	2.00	2,825.00	5,650.00	0.00	2.00
33	460-00	Setting New Manhole Ring & Cover	Each	13.00	389.00	5,057.00	5.00	18.00
34	700-00	Traffic Signals	LS	1.00	158,406.60	158,406.60	-0.28	0.72
35	729-10	Remove Existing Sign	Each	2.00	107.00	214.00	0.00	2.00

	A	B	C	D	E	F	G	H
36	735-00	Traffic Stripe (Plastic)(4" Wide)	LF	11,411.00	1.03	11,753.33	-11,411.00	0.00
37	735-01	Traffic Stripe (Plastic)(Arrows)	Each	8.00	242.00	1,936.00	-8.00	0.00
38	801-00	Construction Staking (Construction Survey)	Days	8.00	1,205.00	9,640.00	0.00	8.00
39	802-00	Construction Signing & Traffic Control	LS	1.00	32,968.35	32,968.35	0.51	1.51
40	809-00	Mobilization	LS	1.00	169,593.26	169,593.26	0.00	1.00
41	811-04	Remove Storm Sewer (RCP)	LF	111.00	38.50	4,273.50	0.00	111.00
42	811-04	Remove Storm Sewer Structure	Each	1.00	5,725.00	5,725.00	0.00	1.00
43	812-01	Remove Sidewalk (6')	SY	140.00	14.00	1,960.00	0.00	140.00
44	812-02	Remove Curb & Gutter	LF	1,234.00	15.50	19,127.00	0.00	1,234.00
45	812-04	Asphalt Pavement Removal	SY	6,747.00	13.95	94,120.65	-6,747.00	0.00
46	819-11	Remove & Replace Light Pole	Each	5.00	6,831.00	34,155.00	0.00	5.00
47	820-01	Sawcut Pavement	LF	1,976.00	3.25	6,422.00	2,882.00	4,858.00
48	823-00	Sidewalk (6')	SY	117.00	39.65	4,639.05	0.00	117.00
49	824-01	Temporary Base Surface Course	Ton	16.00	35.80	572.80	0.00	16.00
50	830-01	Detectable Warning Surface	SF	240.00	43.00	10,320.00	-240.00	0.00
51	830-00	ADA Curb Ramp (8" Thick)	SY	176.00	53.70	9,451.20	0.00	176.00
52	840-04	Solid Slab Sodding	SY	6,445.00	4.30	27,713.50	0.00	6,445.00
53	843-05	Trees Relocate	Each	8.00	209.00	1,672.00	-8.00	0.00
54	900-02	Rock Bag Inlet Barrier	Each	22.00	16.10	354.20	0.00	22.00
55	900-03	Filter Fabric Silt Fence	LF	8,955.00	1.90	17,014.50	-8,955.00	0.00
56	900-04	Silt Dike	LF	110.00	8.60	946.00	-110.00	0.00
57	900-07	Sediment & Erosion Control (Maintain & Remove)	LS	1.00	6,437.00	6,437.00	0.00	1.00
58	225-00	Type A Base (Trails)	CY	450.00	88.50	39,825.00	-450.00	0.00
59	1000-00	8' Wide Concrete Trail (6" thick)	SY	84.00	41.10	3,452.40	0.00	84.00
60	1000-00	12' Wide Concrete Trail (6" thick)	SY	5,186.00	41.10	213,144.60	0.00	5,186.00
61	1000-01	Overhead Park Special Entry Sign	Each	1.00	234,535.00	234,535.00	-0.05	0.95
62	1000-02	Trail Lighting	LS	1.00	90,135.00	90,135.00	0.00	1.00
63		Asphaltic Concrete Type A (64-22)(101-300 Tons)	Ton	0.00	87.75	0.00	125.27	125.27
64		Asphaltic Concrete Type B (64-22)(0-100 Tons)	Ton	0.00	163.25	0.00	41.69	41.69
65		Tactile Markers/Truncated Domes	SF	0.00	43.00	0.00	240.00	240.00
66		30" Boree & Casing	LF	0.00	450.00	0.00	86.00	86.00
67	305-00	Curb & Gutter (2'-8")(6" Barrier)	LF	0.00	26.95	0.00	1,318.00	1,318.00
68								
69		ADDED ITEMS:						
70		Invoice #2						
71		Asphaltic Concrete Type A (64-22)(101-300 Tons)	Ton	0.00	87.75	10,992.44	125.27	125.27
72		Asphaltic Concrete Type B (64-22)(0-100 Tons)	Ton	0.00	163.25	6,805.89	41.69	41.69
73								
74		Invoice #5						

	A	B	C	D	E	F	G	H
75		Tactile Markers/Truncated Domes	SF	0.00	43.00	2,838.00	66.00	66.00
76								
77		Invoice #6						
78		30" Boree & Casing	LF	0.00	450.00	38,700.00	86.00	86.00
79								
80		Invoice #7						
81		Tactile Markers/Truncated Domes	SF	0.00	43.00	1,720.00	40.00	40.00
82								
83		Invoice #10						
84		Tactile Markers/Truncated Domes	SF	0.00	43.00	5,762.00	134.00	134.00
85								
86		Curb & Gutter (2'-8")(6" Barrier)	LF	0.00	26.95	71,040.20	2,636.00	2,636.00
87								
88								

Kahley Gilbert

From: Timothy M. Aker <matt@SILVERSTARCONST.COM>
Sent: Friday, September 29, 2017 10:18 AM
To: Kahley Gilbert
Cc: Doris Levy
Subject: RE: S. Broadway Project

Kahley,

The storm sewer structure item is due to a buried junction we took out also. This item was not on the plans because it wasn't visible from the surface. I only charged enough to cover man/equipment for a short amount of time to remove this additional item.

On the trail lighting, there was underground at the North end that had to be moved due to re-alignment of the trail connection up there so that small charge was added to the lighting.

Thank You,



**Silver Star
Construction, Inc.**

Matt Aker
Estimator/Project Manager

Office: (405) 793-1725
Fax: (405) 793-9989
Toll Free: 1-800-375-1725
Mobile: (405) 317-7680

2401 S. Broadway
Moore, Oklahoma 73160
Email: matt@silverstarconst.com

From: Kahley Gilbert [mailto:KGilbert@cityofmoore.com]
Sent: Friday, September 29, 2017 8:57 AM
To: Timothy M. Aker <matt@SILVERSTARCONST.COM>
Cc: Doris Levy <DLevy@cityofmoore.com>
Subject: S. Broadway Project

Hey Matt,

I am doing a final reconciliation for the Broadway project. I have a couple questions.

Line Item, Remove Storm Sewer Structure, had a unit price of \$5,725.00 was submitted for the budget but it was invoiced for \$5,832.00. Can you explain why the unit price increased?

The same for the line item for Trail Lighting. The unit price submitted with the budget was \$90,135.00 but was invoiced for \$91,800.00.

I just need a brief explanation to go in the file to explain the difference in prices.

Thank you!!!

Kahley

Kahley Gilbert

Administrative Assistant

Capital Planning and Resiliency

City of Moore

301 N. Broadway Moore, Oklahoma 73160

405-793-4571 phone 405-793-5057 fax

kgilbert@cityofmoore.com



Silver Star Invoice

No. 23850
Dated 30-Apr-16

QTY	PRICE	TOTALS
560.00	\$ 23.60	\$ 13,216.00
268.65	33.85	9,093.803
72.00	3.25	234.000
177.78	40.60	7,217.868
465.00	26.95	12,531.750
465.00	15.50	7,207.500
8.00	68.75	550.000
1.00	389.00	389.000
272.00	13.95	3,794.400
125.27	87.75	10,992.443
41.69	163.25	6,805.893
735.00	16.20	11,907.000
8.30	591.00	4,905.300
408.00	112.80	46,022.400
1.00	1,205.00	1,205.000
1.00	1,047.50	1,047.500
1.00	6,854.37	6,854.370
0.20	234,535.00	46,907.000
1.00	13,361.69	13,361.690

\$ 204,242.92

****NOTE:** Invoice calculations are correct as performed in excel; employs 3 decimal places

Cost Reasonableness Certification

Project Name	S. Broadway	
Work Order Number	I-14-E-URG	Date 10/9/2017

Line Item	Contract Amount	Industry Standard	Vendor
Drainage	\$ 421,634.93	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea SM2	Cardinal Engineering
Paving	\$ 1,373,979.98	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea SM2, BR1	Cardinal Engineering
Traffic	\$ 163,201.74	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea SM2, BR1	Cardinal Engineering
Mobilization	\$ 164,657.22	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea SM2, BR1	Cardinal Engineering
Trail Lighting & Park Sign	\$ 314,137.29	Engineering Plans for Street & Drainage Improvements, S. Broadway street widening & rehabilitation, SW 4th St to SW 16th St.	Poe & Associates
Water	\$ 528,708.00	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea SM2, BR1, CC1	Cardinal Engineering
Remove & Replace Light Pole	\$ 34,155.00	Engineering Plans for Street & Drainage Improvements, S. Broadway street widening & rehabilitation, SW 4th St to SW 16th St.	Poe & Associates
Trees Relocate	\$ -	Engineering Plans for Street & Drainage Improvements, S. Broadway street widening & rehabilitation, SW 4th St to SW 16th St.	Poe & Associates
Sediment & Erosion Control (maintain & remove)	\$ 6,437.00	Engineering Plans for Street & Drainage Improvements, S. Broadway street widening & rehabilitation, SW 4th St to SW 16th St.	Poe & Associates
30" Bore & Casing	\$ 38,700.00	Engineering Plans for Street & Drainage Improvements, S. Broadway street widening & rehabilitation, SW 4th St to SW 16th St.	Poe & Associates
Total	\$ 3,045,611.16		

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.*

Stan Drake

Stan Drake, Project Supervisor

Signature

10/9/2017

Date

