



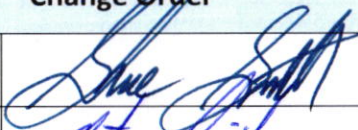

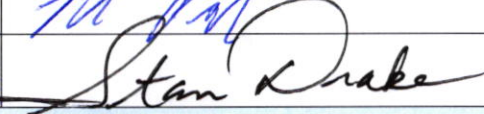
# CDBG-DR 13 CHANGE ORDER OR WORK ORDER AMENDMENT



Project Information					
<b>Project Name</b>	SW 17 <sup>th</sup> /Janeway Redevelopment-Utility Design				
<b>Work Order Number (CDBG-DR 01)</b>	H-01-W-LMI	<b>Project Address</b>	SW 17 <sup>th</sup> and Janeway		
<b>Date</b>	4/11/2018	<b>Requested By</b>	Brewer Construction		
<b>Date Requested</b>	4/11/2018	<b>Total Budget</b>	\$1,048,538.19	<b>Cost of Change</b>	\$-5,444.68

Change Order Type - Description				
<b>Circle Type:</b>	Field	Change	Work Order Amendment	
<b>Budget Line Items Affected: (List All)</b>				
Combined Curb & Gutter (8" Barrier) – Unit Price \$14.85/LF, Decreased Quantity by -4070, New Total \$0				
Trench Excavation and Backfill (0'-10')(Water) – Unit Price \$8.66CY, Increased Quantity by 352, Total \$3,048.32				
8" PVC Pipe C-900 – Unit Price \$35.90/LF, Increased Quantity by 473, Total \$16,980.70				
8" 45° Bend (RJ) – Unit Price \$308.34/each, Increased Quantity by 7, Total \$2,158.38				
Sanitary Sewer Manhole (4' Dia) – Unit Price \$2,127.50/each, Increased Quantity by 1, Total \$2,127.50				
Sanitary Sewer Drop Manhole Added Depth (4' Dia) – Unit Price \$115/VF, Increased Quantity by 8, Total \$920.00				
<b>Added Items:</b>				
Combined Curb & Gutter (8" Barrier) – Unit Price \$70.20, Quantity 290, Total \$20,358.00				
8" Gate Valve – Unit Price \$1,081.92/each, Quantity 1, Total \$1,081.92				
Sand Embedment – Unit Price \$32/ton, Quantity 260, Total \$8,320.00				

<b>Change Description</b>	<ul style="list-style-type: none"> <li>• Original Quantity of Curb and Gutter was 4,070 LF and is now being modified to 290 LF. With such a drastic decrease in quantity a revised unit price is necessary to cover the incidental items put within that bid item originally.</li> <li>• A waterline had to be lowered immediately east of ST-21 to allow install of the storm drain. After lowering this line will need to be tied in to the location where the waterline stops on the plans (W-30), resulting in addition of 185 LF. A gate valve was added to insure the car wash maintained water throughout the project.</li> <li>• The intended location of Sanitary Sewer Manhole SS-9 had a gas line interfering with the planned location. The manhole was set farther north and an additional manhole was added to make a 45 degree turn instead of 90, thus clearing the gas line.</li> <li>• The contract drawings show us laying 61 LF of pipe out of W-38 to tie on to the existing waterline. This tie in location will actually be an additional 288 LF further than the 61 LF.</li> </ul>
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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	4/11/2018
Change Order Authorization ONLY Project Manager Signature		Date	4/11/2018
Change Order Authorization ONLY Project Supervisor Signature		Date	4/11/2018
Contract Amendment			
Work Order Amendment Authorization ONLY Vendor Signature		Date	
Work Order Amendment Authorization ONLY Project Manager Signature		Date	
Work Order Amendment Authorization ONLY Project Supervisor Signature		Date	
Contract Amendment Authorization ONLY CDBG Manager		Date	

	A	B	C	D	E	F	G	H	I	
1	PAGE ONE:		History of Changes Occurring							
2								CHANGE		
3								ORDER		
								(D*E)	01	(I-F)
4	Pay Item #	Item Description	Unit	Estimated Quantity	Unit Price	Estimated Cost	Quantity Changed by	TOTAL QUANTITY TO DATE		
5	109	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1.00	\$2,530.00	2,530.00		1.00		
6	OKC-200	UNCLASSIFIED EXCAVATION	CY	4438.00	\$17.60	78,108.80		4,438.00		
7	OKC-212	TRENCH EXCAVATION AND BACKFILL (0' TO 10')	CY	2567.00	\$8.53	21,896.51		2,567.00		
8	OKC-215	ROCK BACKFILL	CY	1359.00	\$37.72	51,261.48		1,359.00		
9	OKC-222	CEMENTITIOUS STABILIZED SUBGRADE	SY	7558.00	\$6.44	48,673.52		7,558.00		
10	225	AGGREGATE BASE (TYPE A)	CY	840.00	\$53.90	45,276.00		840.00		
11	OKC-304	PORTLAND CEMENT CONCRETE PAVEMENT (9" DOWEL JOINTED)	SY	496.00	\$85.10	42,209.60		496.00		
12	326	SEPARATOR FABRIC	SY	9602.00	\$1.10	10,562.20		9,602.00		
13	451	(SP) 18" CORRUGATED POLYPROPYLENE PIPE	LF	161.00	\$42.25	6,802.25		161.00		
14	451	(SP) 24" CORRUGATED POLYPROPYLENE PIPE	LF	235.00	\$51.54	12,111.90		235.00		
15	451	(SP) 30" CORRUGATED POLYPROPYLENE PIPE	LF	586.00	\$60.60	35,511.60		586.00		
16	451	(SP) 42" CORRUGATED POLYPROPYLENE PIPE	LF	27.00	\$98.33	2,654.91		27.00		
17	451	(SP) 48" CORRUGATED POLYPROPYLENE PIPE	LF	705.00	\$129.16	91,057.80		705.00		
18	OKC-454	STORM SEWER MANHOLE (4' DIA.)	EA	3.00	\$2,070.00	6,210.00		3.00		
19	OKC-454	STORM SEWER MANHOLE (5' DIA.)	EA	7.00	\$2,185.00	15,295.00		7.00		
20	OKC-454	STORM SEWER MANHOLE (6' DIA.)	EA	2.00	\$2,645.00	5,290.00		2.00		
21	OKC-454	STORM SEWER MANHOLE (8' DIA.)	EA	1.00	\$3,450.00	3,450.00		1.00		
22	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (4' DIA.)	VF	5.00	\$115.00	575.00		5.00		
23	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (5' DIA.)	VF	12.00	\$120.75	1,449.00		12.00		
24	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (6' DIA.)	VF	7.00	\$126.50	885.50		7.00		
25	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (8' DIA.)	VF	6.00	\$138.00	828.00		6.00		
26	SPECIAL	TEMPORARY STORM SEWER INLET (COMPLETE IN PLACE)	EA	6.00	\$1,516.08	9,096.48		6.00		
27	501(G)	CLSM BACKFILL	CY	6.00	\$270.25	1,621.50		6.00		
28	611(G)	INLET CI DES. 2 (D)	EA	2.00	\$2,070.00	4,140.00		2.00		
29	609(B)	COMBINED CURB & GUTTER (8" BARRIER)	LF	4070.00	\$14.85	60,439.50	-4,070.00	0.00		
30	OKC-801	CONSTRUCTION STAKING	LSUM	1.00	\$3,942.20	3,942.20		1.00		
31	OKC-802	CONSTRUCTION TRAFFIC CONTROL	LSUM	1.00	\$2,098.75	2,098.75		1.00		
32	809	MOBILIZATION	LSUM	1.00	\$50,886.01	50,886.01		1.00		
33	OKC-810	CLEARING AND RESTORING	LSUM	1.00	\$13,064.00	13,064.00		1.00		
34	OKC-811	STRUCTURE REMOVAL (INLET)	EA	2.00	\$576.15	1,152.30		2.00		
35	OKC-840	SOLID SLAB SODDING (U-3 BERMUDA)	SY	7671.00	\$1.84	14,114.64		7,671.00		
36	OKC-900	ROCK BAG INLET BARRIER	LF	417.00	\$11.03	4,599.51		417.00		
37	OKC-900	FILTER FABRIC SILT FENCE-COMPLETE IN PLACE	LF	1663.00	\$2.07	3,442.41		1,663.00		
38	OKC-900	CONSTRUCTION ENTRANCE	EA	1.00	\$1,380.00	1,380.00		1.00		
39										

DRAINAGE AND ROADWAY



	A	B	C	D	E	F	G	H	I
80									
81			<b>Change Order 4/11/2018</b>						
82		609(B)	COMBINED CURB & GUTTER (8" BARRIER)	LF	-4070.00	14.85	-60,439.50		
83		609(B)	COMBINED CURB & GUTTER (8" BARRIER)	LF	290.00	70.20	20,358.00		
84		OKC-212	TRENCH EXCAVATION AND BACKFILL (0' TO 10')	CY	352.00	8.66	3,048.32		
85		615(A)	8" PVC PIPE C-900	LF	473.00	35.90	16,980.70		
86			8" Gate Valve	EA	1.00	\$1,081.92	1,081.92		
87		OKC-505	8" 45° BEND (RJ)	EA	7.00	308.34	2,158.38		
88			Sand Embedment	TON	260.00	32.00	8,320.00		
89		OKC-454	SANITARY SEWER MANHOLE (4' DIA.)	EA	1.00	\$2,127.50	2,127.50		
90		OKC-454	SANITARY SEWER DROP MANHOLE ADDED DEPTH (4' DIA)	VF	8.00	\$115.00	920.00		
91					<b>Total Change Order</b>		<b>-5,444.68</b>		
92									
93									
94					<b>New Total Project Cost</b>		<b>1,048,538.19</b>		

## Kahley Gilbert

---

**From:** Shane Smith <shane.smith@coxinet.net>  
**Sent:** Tuesday, April 10, 2018 2:04 PM  
**To:** Kahley Gilbert; 'Ben Fletcher'; Jessica McGuire; Clifford Miller; Robert Pistole  
**Cc:** kevin.brewer@coxinet.net; 'SUSAN MORRIS'  
**Subject:** Janeway - Change Order No. 1 Request  
**Attachments:** Moore Janeway - Change Order No. 1 - 04.10.2018.pdf

Kahley and Ben,

Attached is a Change Order request for 4 modifications to our original contract. Attached you will find a summary of the change order, followed by explanations of the individual cost issues. The final page is a map showing the locations of the issues. Below is a brief explanation of the issues.

- 1.1 – Original Quantity of Curb and Gutter was 4,070 LF and is now being modified to 290 LF. With such a drastic decrease in quantity a revised unit price is necessary to cover the incidental items put within that bid item originally.
- 1.2 – A waterline had to be lowered immediately east of ST-21 to allow install of the storm drain. After lowering this line will need to be tied in to the location where the waterline stops on the plans (W-30), resulting in addition of 185 LF. A gate valve was added to insure the car wash maintained water throughout the project.
- 1.3 – The intended location of Sanitary Sewer Manhole SS-9 had a gas line interfering with the planned location. The manhole was set farther north and an additional manhole was added to make a 45 degree turn instead of 90, thus clearing the gas line.
- 1.4 – The contract drawings show us laying 61 LF of pipe out of W-38 to tie on to the existing waterline. This tie in location will actually be an additional 288 LF further than the 61 LF.

All of these changes will be noted on as-built drawings upon project completion. Please issue a deductive change order in the amount of \$5,444.68 to account for these issues.

Let me know if you need any additional documentation.

Thank you,

### Shane A. Smith

Estimator

Brewer Construction Oklahoma LLC

Office: (405) 787-4962

Fax: (405) 495-8972

Cell: (972) 415-6167

Mail: PO Box 82485; OKC, OK 73148

Physical: 8301 SW 8<sup>th</sup>; OKC, OK 73128

**Brewer Construction Oklahoma, LLC**

8301 SW 8th

P.O. Box 82457 Oklahoma City, OK 73148-0457

405-787-4962

Fax: 405-495-8972

April 10, 2018

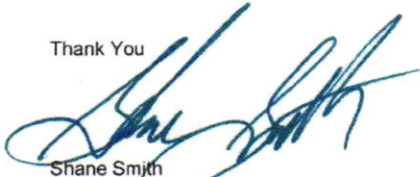
City of Moore  
Kahley Gilbert  
Project Manager  
301 N. Broadway  
Moore, OK 73160

Janeway Village Utility Design  
Project # H-01-W-LMI

RE: Change Order No. 1 Curb and Gutter and Field Changes

Description	Requested Days	Quantity	Unit Cost	Total Cost
<b>Change Order</b>				
1.1 Combined Curb and Gutter	0	290 LF	\$ 70.20	\$ 20,358.00
1.2 Additional Waterline Needed at South End of Project	5 WD	1 LS	\$ 14,340.88	\$ 14,340.88
1.3 Sanitary Sewer Manhole Addition at SS9	3 WD	1 LS	\$ 3,047.50	\$ 3,047.50
1.4 Additional Waterline Needed Behind Goodwill	5 WD	1 LS	\$ 17,248.44	\$ 17,248.44
				\$ 54,994.82
<b>Amendment</b>				
1.1 Combined Curb and Gutter	0	4070 LF	\$ 14.85	\$ (60,439.50)
<b>Total Cost Issues</b>	<b>13 WD</b>			<b>\$ (5,444.68)</b>

Thank You



Shane Smith  
Brewer Construction Oklahoma, LLC

*Brewer Construction Oklahoma, LLC*

*8301 SW 8th*

*P.O. Box 82457 Oklahoma City, OK 73148-0457*

*405-787-4962*

*Fax: 405-495-8972*

April 10, 2018

City of Moore  
Kahley Gilbert  
Project Manager  
301 N. Broadway  
Moore, OK 73160

Janeway Village Utility Design  
Project # H-01-W-LMI

RE: Change Order No. 1 Cost Issue 1.4

Description	Quantity	Unit Cost	Total Cost
<b>Issue 1.4</b>			
Trench Excavation and Backfill 0-10 (Water Item) ✓	214 CY	\$ ✓	8.66 \$ 1,853.24
8" Waterline	288 LF	\$ ✓	35.90 \$ 10,339.20
Sand Embedment	158 Ton	\$ ✓	32.00 \$ 5,056.00
<b>Total Cost Issues</b>	<b>1 LS</b>		<b>\$ 17,248.44</b>

Thank You

Shane Smith  
Brewer Construction Oklahoma, LLC



*Brewer Construction Oklahoma, LLC*

*8301 SW 8th*

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*405-787-4962*

*Fax: 405-495-8972*

April 10, 2018

City of Moore  
Kahley Gilbert  
Project Manager  
301 N. Broadway  
Moore, OK 73160

Janeway Village Utility Design  
Project # H-01-W-LMI

RE: Change Order No. 1 Cost Issue 1.2

Description	Quantity	Unit Cost	Total Cost
<b>Issue 1.2</b>			
Trench Excavation and Backfill 0-10 (Water Item)	138 CY	\$ ✓	8.66 \$ 1,195.08
8" Waterline	185 LF	\$ ✓	35.90 \$ 6,641.50
8" Gate Valve	1 EA	\$	1,081.92 \$ 1,081.92
8" 45 Degree Bends	7 EA	\$	308.34 \$ 2,158.38
Sand Embedment	102 Ton	\$ ✓	32.00 \$ 3,264.00
<b>Total Cost Issues</b>	<b>1 LS</b>		<b>\$ 14,340.88</b>

Thank You

Shane Smith  
Brewer Construction Oklahoma, LLC

*Brewer Construction Oklahoma, LLC*

*8301 SW 8th*

*P.O. Box 82457 Oklahoma City, OK 73148-0457*

*405-787-4962*

*Fax: 405-495-8972*

April 10, 2018

City of Moore  
Kahley Gilbert  
Project Manager  
301 N. Broadway  
Moore, OK 73160

Janeway Village Utility Design  
Project # H-01-W-LMI

RE: Change Order No. 1 Cost Issue 1.3

Description	Quantity	Unit Cost	Total Cost
<b>Issue 1.3</b>			
Sanitary Sewer Manhole	1 EA	\$ 2,127.50	\$ 2,127.50
Sanitary Sewer Manhole Added Depth	8 VF	\$ 115.00	\$ 920.00
<b>Total Cost Issues</b>	1 LS		<b>\$ 3,047.50</b>

Thank You

Shane Smith  
Brewer Construction Oklahoma, LLC

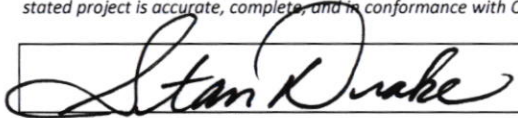


## Cost Reasonableness Certification

Project Name	SW/17th Janeway Redevelopment	
Work Order Number	H-01-W-LMI	Date 4/13/2018

Line Item	Contract Amount	Industry Standard	Vendor
Roadway and Drainage	\$ 612,534.87	Preliminary Cost Estimate for Janeway Village Utility Design	Meshek & Associates
Sanitary	\$ 231,350.42	Preliminary Cost Estimate for Janeway Village Utility Design	Meshek & Associates
Water	\$ 196,332.90	Preliminary Cost Estimate for Janeway Village Utility Design	Meshek & Associates
Sand Embedment	\$ 8,320.00	Engineer Concurrence	Meshek & Associates
<b>Total</b>	<b>\$ 1,048,538.19</b>		

**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, Project Supervisor

Signature

4/13/2018

Date



## Kahley Gilbert

---

**From:** Ben Fletcher <BFletcher@meshekengr.com>  
**Sent:** Friday, April 13, 2018 1:43 PM  
**To:** Kahley Gilbert  
**Subject:** RE: Janeway - Change Order No. 1 Request

I'm so sorry, I thought I already sent you an email.

Yes, that is a reasonable cost for that amount of work.

Do you need something more formal, or will this email work?

### **Ben Fletcher, PE, LSI**

Project Manager | [Meshek & Associates, LLC](#)  
1437 S Boulder Ave Ste 1550 | Tulsa, OK 74119  
(918) 392-5620 x205 | (918) 693-5504  
Micah 7:9-10

---

**From:** Kahley Gilbert <KGilbert@cityofmoore.com>  
**Sent:** Friday, April 13, 2018 1:42 PM  
**To:** Ben Fletcher <bfletcher@meshekengr.com>  
**Subject:** RE: Janeway - Change Order No. 1 Request

Hey Ben,

Could I get a cost analysis approval from you for this change order?

Thank you!!

Kahley

---

**From:** Kahley Gilbert  
**Sent:** Tuesday, April 10, 2018 2:19 PM  
**To:** [BFletcher@meshekengr.com](mailto:BFletcher@meshekengr.com)  
**Subject:** RE: Janeway - Change Order No. 1 Request

Ben,

I will just need a cost reasonableness approval from you to go with this change order.

Thanks!!

---

**From:** Shane Smith [<mailto:shane.smith@coxinet.net>]  
**Sent:** Tuesday, April 10, 2018 2:04 PM  
**To:** Kahley Gilbert <[KGilbert@cityofmoore.com](mailto:KGilbert@cityofmoore.com)>; 'Ben Fletcher' <[BFletcher@meshekengr.com](mailto:BFletcher@meshekengr.com)>; Jessica McGuire <[JMcGuire@cityofmoore.com](mailto:JMcGuire@cityofmoore.com)>; Clifford Miller <[CMiller@cityofmoore.com](mailto:CMiller@cityofmoore.com)>; Robert Pistole <[robert.pistole@veolia.com](mailto:robert.pistole@veolia.com)>  
**Cc:** [kevin.brewer@coxinet.net](mailto:kevin.brewer@coxinet.net); 'SUSAN MORRIS' <[brewer.accounting@coxinet.net](mailto:brewer.accounting@coxinet.net)>  
**Subject:** Janeway - Change Order No. 1 Request

Kahley and Ben,

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Thank you,

**Shane A. Smith**

Estimator

Brewer Construction Oklahoma LLC

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