



# 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>	9/18/2018	<b>Requested By</b>	Brewer Construction		
<b>Date Requested</b>	9/14/2018	<b>Total Budget</b>	\$1,108,944.16	<b>Cost of Change</b>	\$-49,351.04

Change Order Type - Description				
<b>Circle Type:</b>	Field	Change	Work Order Amendment	

**Budget Line Items Affected: (List All)**

Trench Excavation and Backfill (0' to 10')(Drainage/Roadway) – Unit Price \$8.53/CY, Quantity Increased by 352  
 Rock Backfill – Unit Price \$37.72/CY, Quantity Increased by 180.20  
 Portland Cement Concrete Pavement (9" Dowel Jointed) - \$85.10/SY, Quantity Decreased by 496  
 (SP) 18" Corrugated Polypropylene Pipe – Unit Price \$42.25/LF, Quantity Increased by 431.20  
 Storm Sewer Manhole Added Depth (4' Dia.) – Unit Price \$115/VF, Quantity Decreased by 5  
 Storm Sewer Manhole Added Depth (5' Dia.) – Unit Price \$120.75/VF, Quantity Decreased by 5.08  
 Storm Sewer Manhole Added Depth (6' Dia.) – Unit Price \$126.50/VF, Quantity Decreased by 2.66  
 Temporary Storm Sewer Inlet (Complete in Place) – Unit Price \$1,516.08/each, Quantity Decreased by 4  
 CLSM Backfill – Unit Price \$270.25/CY, Quantity Decreased by 6  
 Solid Slab Sodding (U-3 Bermuda) – Unit Price \$1.84/SY, Quantity Decreased by 6,680.60  
 Construction Entrance – Unit Price \$1,380/each, Quantity Increased by 1  
 8" PVC Pipe C-900(Sanitary Sewer) – Unit Price \$35.90/LF, Quantity Decreased by 473  
 Trench Excavation and Backfill (0' to 10')-Water – Unit Price \$8.66/CY, Quantity Increased by 204.37  
 8" PVC Pipe C-900 (Water) – Unit Price \$33.93/LF, Quantity Increased by 534  
 Combined Curb & Gutter (8" Barrier) – Unit Price \$70.20/LF, Quantity Decreased by 342  
 Flume Installation – Unit Price \$98/SY, Quantity Decreased by 13





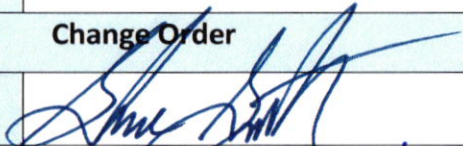
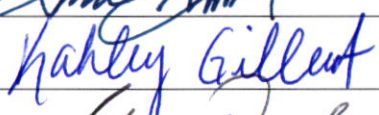
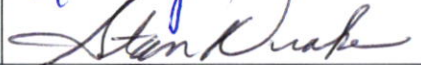
A	B	C	D	E	F	G	H	I	J	K	L
83											
84		<b>Change Order 4/11/2018</b>									
85	609(B)	COMBINED CURB & GUTTER (8" BARRIER)									
86	609(B)	COMBINED CURB & GUTTER (8" BARRIER)	LF	-4070.00	\$14.85	-60,439.50					
87	OKC-212	TRENCH EXCAVATION AND BACKFILL (0' TO 10')	LF	290.00	\$70.20	20,358.00					
88	615(A)	8" PVC PIPE C-900	CY	352.00	\$8.66	3,048.32					
89		8" Gate Valve	LF	473.00	\$35.90	16,980.70					
90	OKC-505	8" 45° BEND (RJ)	EA	1.00	\$1,081.92	1,081.92					
91		Sand Embedment	EA	7.00	\$308.34	2,158.38					
92	OKC-454	SANITARY SEWER MANHOLE (4' DIA.)	TON	260.00	\$32.00	8,320.00					
93	OKC-454	SANITARY SEWER DROP MANHOLE ADDED DEPTH (4' DIA)	EA	1.00	\$2,127.50	2,127.50					
94			VF	8.00	\$115.00	920.00					
95		<b>Total Change Order</b>				<b>-5,444.68</b>					
96		<b>Change Order 5/11/2018</b>									
97	OKC-840	SOLID SLAB SODDING (U-3 BERMUDA)									
98			SY	54,837.20	1.84	100,900.45					
99											
100		<b>Change Order 7/24/2018</b>									
101		Flume Installation									
102		Curb and Gutter	SY	13.00	98.00	1,274.00					
103		Concrete Collars due to Utility Conflict	LF	52.00	70.20	3,650.40					
104		TEMPORARY STORM SEWER INLET (COMPLETE IN PLACE)	Each	2.00	450.00	900.00					
105			EA	2.00	1,516.08	3,032.16					
106		<b>Total Change Order</b>				<b>8,856.56</b>					
107		<b>Change Order 9/14/2018</b>									
108	OKC-212	TRENCH EXCAVATION AND BACKFILL (0' TO 10') (Drainage/Roadway)									
109	OKC-215	ROCK BACKFILL	CY	352.00	8.53	3,002.56					
110	OKC-304	PORTLAND CEMENT CONCRETE PAVEMENT (9" DOWEL JOINTED)									
111	451	(SP) 18" CORRUGATED POLYPROPYLENE PIPE	SY	-496.00	85.10	-42,209.60					
112	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (4' DIA.)	LF	431.20	42.25	18,218.20					
113	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (5' DIA.)	VF	-5.00	115.00	-575.00					
114	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (6' DIA.)	VF	-5.08	120.75	-613.41					
115	501(G)	CLSM BACKFILL	VF	-2.66	126.50	-336.49					
116	OKC-840	SOLID SLAB SODDING (U-3 BERMUDA)	CY	-6.00	270.25	-1,621.50					
117	OKC-900	CONSTRUCTION ENTRANCE	SY	-6,680.60	1.84	-12,292.30					
118	615(A)	8" PVC PIPE C-900 (Sanitary Sewer)	EA	1.00	1,380.00	1,380.00					
119	OKC-212	TRENCH EXCAVATION AND BACKFILL (0' TO 10') (Water)	LF	-473.00	35.90	-16,980.70					
120	OKC-505	8" PVC PIPE C-900 (Water)	CY	204.37	8.66	1,769.84					
121	609(B)	COMBINED CURB & GUTTER (8" BARRIER)	LF	534.00	33.93	18,118.62					
122			LF	-342.00	70.20	-24,008.40					
123		<b>Total Change Order</b>				<b>-49,351.04</b>					
124											
125											
126		<b>New Total Project Cost</b>				<b>1,108,944.16</b>					

	A	B	C	D	E	F	G	H	I	J	K
1	PAGE TWO:			Original Contract							
2						(D*E)		(G-D)	(G*E)	(I-F)	
3	Pay Item # (Column A)	Item Description (Column B)	Unit (C)	Estimated Quantity (D)	Unit Price (E)	Estimated Cost (F)	Quantity Used (G)	Difference in Quantity (H)	Cost for Project (I)	Difference in Cost (J)	
4	109	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1.00	\$2,530.00	2,530.00	1.00	0.00	2,530.00	\$0.00	
5	OKC-200	UNCLASSIFIED EXCAVATION	CY	4438.00	\$17.60	78,108.80	4,438.00	0.00	78,108.80	\$0.00	
6	OKC-212	TRENCH EXCAVATION AND BACKFILL (0' TO 10')	CY	2567.00	\$8.53	21,896.51	2,919.00	352.00	24,899.07	\$3,002.56	
7	OKC-215	ROCK BACKFILL	CY	1359.00	\$37.72	51,261.48	1,539.20	180.20	58,058.62	\$6,797.14	
8	OKC-222	CEMENTITIOUS STABILIZED SUBGRADE	SY	7558.00	\$6.44	48,673.52	7,558.00	0.00	48,673.52	\$0.00	
9	225	AGGREGATE BASE (TYPE A)	CY	840.00	\$53.90	45,276.00	840.00	0.00	45,276.00	\$0.00	
10	OKC-304	PORTLAND CEMENT CONCRETE PAVEMENT (9" DOWEL JOINTED)	SY	496.00	\$85.10	42,209.60	0.00	-496.00	0.00	-\$42,209.60	
11	326	SEPARATOR FABRIC	SY	9602.00	\$1.10	10,562.20	9,602.00	0.00	10,562.20	\$0.00	
12	451	(SP) 18" CORRUGATED POLYPROPYLENE PIPE	LF	161.00	\$42.25	6,802.25	592.20	431.20	25,020.45	\$18,218.20	
13	451	(SP) 24" CORRUGATED POLYPROPYLENE PIPE	LF	235.00	\$51.54	12,111.90	235.00	0.00	12,111.90	\$0.00	
14	451	(SP) 30" CORRUGATED POLYPROPYLENE PIPE	LF	586.00	\$60.60	35,511.60	586.00	0.00	35,511.60	\$0.00	
15	451	(SP) 42" CORRUGATED POLYPROPYLENE PIPE	LF	27.00	\$98.33	2,654.91	27.00	0.00	2,654.91	\$0.00	
16	451	(SP) 48" CORRUGATED POLYPROPYLENE PIPE	LF	705.00	\$129.16	91,057.80	705.00	0.00	91,057.80	\$0.00	
17	OKC-454	STORM SEWER MANHOLE (4' DIA.)	EA	3.00	\$2,070.00	6,210.00	3.00	0.00	6,210.00	\$0.00	
18	OKC-454	STORM SEWER MANHOLE (5' DIA.)	EA	7.00	\$2,185.00	15,295.00	7.00	0.00	15,295.00	\$0.00	
19	OKC-454	STORM SEWER MANHOLE (6' DIA.)	EA	2.00	\$2,645.00	5,290.00	2.00	0.00	5,290.00	\$0.00	
20	OKC-454	STORM SEWER MANHOLE (8' DIA.)	EA	1.00	\$3,450.00	3,450.00	1.00	0.00	3,450.00	\$0.00	
21	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (4' DIA.)	VF	5.00	\$115.00	575.00	0.00	-5.00	0.00	-\$575.00	
22	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (5' DIA.)	VF	12.00	\$120.75	1,449.00	6.92	-5.08	835.59	-\$613.41	
23	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (6' DIA.)	VF	7.00	\$126.50	885.50	4.34	-2.66	549.01	-\$336.49	
24	OKC-454	STORM SEWER MANHOLE ADDED DEPTH (8' DIA.)	VF	6.00	\$138.00	828.00	6.00	0.00	828.00	\$0.00	
25	SPECIAL	TEMPORARY STORM SEWER INLET (COMPLETE IN PLACE)	EA	6.00	\$1,516.08	9,096.48	8.00	2.00	12,128.64	\$3,032.16	
26	501(G)	CLSM BACKFILL	CY	6.00	\$270.25	1,621.50	0.00	-6.00	0.00	-\$1,621.50	
27	611(G)	INLET CI DES. 2 (D)	EA	2.00	\$2,070.00	4,140.00	2.00	0.00	4,140.00	\$0.00	
28	609(B)	COMBINED CURB & GUTTER (8" BARRIER)	LF	4070.00	\$14.85	60,439.50	0.00	-4,070.00	0.00	-\$60,439.50	
29	OKC-801	CONSTRUCTION STAKING	LSUM	1.00	\$3,942.20	3,942.20	1.00	0.00	3,942.20	\$0.00	
30	OKC-802	CONSTRUCTION TRAFFIC CONTROL	LSUM	1.00	\$2,098.75	2,098.75	1.00	0.00	2,098.75	\$0.00	
31	809	MOBILIZATION	LSUM	1.00	\$50,886.01	50,886.01	1.00	0.00	50,886.01	\$0.00	
32	OKC-810	CLEARING AND RESTORING	LSUM	1.00	\$13,064.00	13,064.00	1.00	0.00	13,064.00	\$0.00	
33	OKC-811	STRUCTURE REMOVAL (INLET)	EA	2.00	\$576.15	1,152.30	2.00	0.00	1,152.30	\$0.00	
34	OKC-840	SOLID SLAB SODDING (U-3 BERMUDA)	SY	7671.00	\$1.84	14,114.64	55,827.60	48,156.60	102,722.78	\$88,608.14	
35	OKC-900	ROCK BAG INLET BARRIER	LF	417.00	\$11.03	4,599.51	417.00	0.00	4,599.51	\$0.00	
36	OKC-900	FILTER FABRIC SILT FENCE-COMPLETE IN PLACE	LF	1663.00	\$2.07	3,442.41	1,663.00	0.00	3,442.41	\$0.00	
37	OKC-900	CONSTRUCTION ENTRANCE	EA	1.00	\$1,380.00	1,380.00	2.00	1.00	2,760.00	\$1,380.00	
38											

DRAINAGE AND ROADWAY



Concrete Collars due to Utility Conflict – Unit Price \$450/each, Quantity Decreased by 2	
<b>Change Description</b>	<p>Prior to the tornado, SW 13<sup>th</sup> St. was not a cul-de-sac. Now that the land north of the redevelopment site has been redeveloped, SW 13<sup>th</sup> St. is now a cul-de-sac. An additional storm drain was added to this project to help SW 13<sup>th</sup> St drain and to prevent stormwater issues on the redevelopment land.</p> <p>An additional construction entrance was added due to a DEQ request.</p> <p>Additional PVC Pipe for storm sewer was originally on the first change order. The addition was supposed to be for PVC pipe for waterline not sanitary sewer.</p> <p>Concrete and curb and gutter were deleted from the project. The City decided to not pour brand new concrete with curb and gutter on the north end of the site. Construction is still underway in the area and the City didn't want to have to replace that section once construction is complete.</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	9/18/2018
Change Order Authorization ONLY Project Manager Signature		Date	9/18/2018
Change Order Authorization ONLY Project Supervisor Signature		Date	9/18/2018
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	

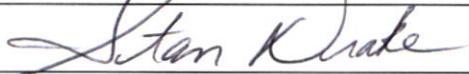
## Cost Reasonableness Certification

Project Name	SW/17th Janeway Redevelopment	
Work Order Number	H-01-W-LMI	Date 9/18/2018

Line Item	Contract Amount	Industry Standard	Vendor
Roadway and Drainage	\$ 579,250.94	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	\$ 198,158.74	Preliminary Cost Estimate for Janeway Village Utility Design	Meshek & Associates
Sand Embedment	\$ 8,320.00	Engineer Concurrence	Meshek & Associates
Additional Sod to remedy DEQ notices	\$ 88,608.14	City reviewed survey data to measure amount of sod, Contractor used existing bid price.	City of Moore
Flume Installation	\$ 1,274.00	Engineer Concurrence	Meshek & Associates
Curb and Gutter	\$ -	Engineer Concurrence	Meshek & Associates
8" Gate Valve	\$ 1,081.92	Engineer Concurrence	Meshek & Associates
Concrete collars due to utility conflict	\$ 900.00	Engineer Concurrence	Meshek & Associates
<b>Total</b>	<b>\$ 1,108,944.16</b>		

Meshek & Associates

**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

9/18/2018

Date

