



CDBG-DR 13 CHANGE ORDER OR WORK ORDER AMENDMENT



Project Information

Project Name	Eagle Dr.				
Work Order Number (CDBG-DR 01)	I-19-W-URG	Project Address	Eagle Dr. from SW 19 th to SW 14th		
Date	3/29/2017	Requested By	Rudy Construction		
Date Requested	3/24/2017	Total Budget	\$723,658.84	Cost of Change	\$18,052.69

Change Order Type - Description



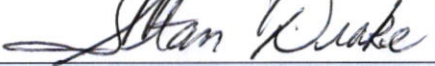
Circle Type:	Field	Change	Work Order Amendment	
Budget Line Items Affected: (List All)				
200-00	Unclassified Excavation (>500 CY)	15.00CY	Quantity: 734.13	Total: \$11,011.95
213-03	Crushed Rock Foundation	70.00CY	Quantity: 858.72	Total: \$60,110.40
304-04	Portland Cement Concrete Pavement	55.00CY	Quantity: 3,927.10	Total: \$215,990.50
305-05	Curb & Gutter (2'-8")(6" Barrier)	20.00LF	Quantity: 3,480.30	Total: \$69,606.00
812-02	Remove Curb & Gutter	7.00LF	Quantity: 3,480.30	Total: \$24,362.10
812-03	Concrete Pavement Removal	10.00SY	Quantity: 3,927.10	Total: \$39,271.00
813-00	Remove Driveway	10.00SY	Quantity: 959.08	Total: \$9,590.80
820-01	Sawcut Pavement	4.00LF	Quantity: 1,362.83	Total: \$5,451.32
812-01	Remove Sidewalk	10.00SY	Quantity: 768.89	Total: \$7,688.90
823-00	Sidewalk (5')	55.00SY	Quantity: 1,391.44	Total: \$76,529.20
823-03	6" PC Conc. Driveway (HES)	65.00SY	Quantity: 1,037.42	Total: \$67,432.30
824-01	Temporary Surface Course (TBSC)	40.00Ton	Quantity: 288.28	Total: \$11,531.20

840-04 Solid Slab Sodding (U-3 Bermuda)	3.00SY	Quantity: 1,050.00	Total: \$3,150.00
740-09 Construction Barricades	10.00SD	Quantity: 236.00	Total: \$2,360.00
740-10 Warning Lights (Type A)	1.00SD	Quantity: 506.00	Total: \$506.00
740-14 Channelizer Cones	1.50SD	Quantity: 5,208.00	Total: \$7,812.00
740-03 Construction Sign (0-6.25sf)	1.00 SD	Quantity: 926.00	Total: \$926.00
740-04 Construction Sign (6.26-15.99sf)	2.00 SD	Quantity: 176.00	Total: \$352.00
740-05 Construction Sign (16-32.99sf)	5.00 SD	Quantity: 201.00	Total: \$1,005.00
840-04 Tactile Markers/Truncated Domes	25.00 SF	Quantity: 21	Total: \$525.00

Mobilization Increase of \$1,181.02

Change Description	813-00: Driveway removal ran over per City instructions. Originally removing only 3' of driveway approach. Rudy was instructed to take the removal and replacement all the way back to the property line to accommodate ADA requirements.
	820-01: Original estimate was for transverse cuts only to accommodate daily concrete pours. Actual construction required longitudinal sawing to allow for setting of forms rather than to pour against the old broken existing concrete down the centerline of the street.
	812-01: Extra sidewalk removed to accommodate the entry feature at 19 th St. The sidewalk was not included in the original quantity.
	823-00: Original estimate placed sidewalk on one side of Eagle Dr only. The City decided to place sidewalk on both sides of Eagle in between 19 th & 14 th Street.
	823-03: See item 813-00. Replaced driveways removed. Also added width to several driveways and added three driveways that weren't on the original takeoff. Per inspector.
	824-01: Original quantity was for one temporary install and removal at each driveway. Actual construction required multiple movements of temporary driveway access to accommodate residents.
	740-03, 04, 05, 14: Additional sizes and kinds of traffic signs were needed to meet traffic safety requirements.
459-01 & 460-01: A new manhole ring and cover was needed to bring the existing manhole to code. The existing manhole needed to be adjusted to the new grade required by the new entry feature.	

Field Change Order			
Field Change Order Authorization ONLY		Date	
Vendor Signature			

Field Change Order Authorization ONLY Project Manager Signature		Date	
Change Order			
Change Order Authorization ONLY Vendor Signature		Date	3/29/2017
Change Order Authorization ONLY Project Manager Signature		Date	3/29/2017
Change Order Authorization ONLY Project Supervisor Signature		Date	3/29/2017
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							AS OF 29MAR17		
3						(D*E)	CHANGE ORDER 01	CHANGE ORDER 02	(I-F)
4	Pay Item #	Item Description	Unit	Estimated Quantity	Unit Price	Estimated Cost	Quantity Changed by	Quantity Changed by	TOTAL QUANTITY TO DATE
5	200-00	Unclassified Excavation (>500CY)	CY	1,204.00	15.00	18,060.00	0.00	-469.87	734.13
6	213-01	Crushed Rock Foundation	CY	1,204.00	70.00	84,280.00	0.00	-345.28	858.72
7	301-04	Portland Cement Concrete Pavement (6")(>500SY)	SY	4,213.00	55.00	231,715.00	0.00	-285.90	3,927.10
8	305-01	Curb & Gutter (2'-8")(6" Barrier>(>500')	LF	3,524.00	20.00	70,480.00	0.00	-43.70	3,480.30
9	801-00	Construction Staking (Construction Survey)	Day	2.00	1,250.00	2,500.00	0.00	0.00	2.00
10	812-02	Remove Curb & Gutter	LF	3,524.00	7.00	24,668.00	0.00	-43.70	3,480.30
11	812-03	Concrete Pavement Removal	SY	4,213.00	10.00	42,130.00	0.00	-285.90	3,927.10
12	813-00	Remove Driveway	SY	792.00	10.00	7,920.00	0.00	167.08	959.08
13	820-01	Sawcut Pavement	LF	210.00	4.00	840.00	0.00	1,152.83	1,362.83
14	812-01	Remove Sidewalk (Width)	SY	750.00	10.00	7,500.00	0.00	18.89	768.89
15	823-00	Sidewalk (5')	SY	750.00	55.00	41,250.00	0.00	641.44	1,391.44
16	823-03	6" PC Conc. Driveway (HES)	SY	792.00	65.00	51,480.00	0.00	245.42	1,037.42
17	824-01	Temporary Surface Course (TBSC)	Ton	100.00	40.00	4,000.00	0.00	188.28	288.28
18	840-04	Solid Slab Sodding (U-3 Bermuda)	SY	1,175.00	3.00	3,525.00	0.00	-125.00	1,050.00
19	740-09	Construction Barricades	SD	540.00	10.00	5,400.00	0.00	-304.00	236.00
20	740-10	Warning Lights (Type A)	SD	1,080.00	1.00	1,080.00	0.00	-574.00	506.00
21	740-14	Channelizers Cones	SD	1,800.00	1.50	2,700.00	0.00	3,408.00	5,208.00
22		Entry Feature	LS	1.00	35,000.00	35,000.00	0.00	0.00	1.00
23	740-03	Construction Sign (0 to 6.25SF)	SD	0.00	1.00	0.00	280.00	646.00	926.00
24	740-04	Construction Sign (6.26 to 15.99SF)	SD	0.00	2.00	0.00	56.00	120.00	176.00
25	740-05	Construction Sign (16 to 32.99SF)	SD	0.00	5.00	0.00	84.00	117.00	201.00
26	460-00	Setting New Manhole Ring & Cover	Each	0.00	750.00	0.00	2.00	0.00	2.00
27	830-00	Wheelchair Ramp	SY	0.00	100.00	0.00	35.00	0.00	35.00
28	830-00	Tactile Markers/Truncated Domes	SF	0.00	25.00	0.00	60.00	1.00	61.00
29		Electrical for Entry Feature	LS	0.00	8,050.00	0.00	1.00	0.00	1.00
30		Irrigation for Entry Feature	LS	0.00	4,140.00	0.00	1.00	0.00	1.00
31		Landscaping for entry feature	LS	0.00	4,715.00	0.00	1.00	0.00	1.00
32	459-01	Adjust Manhole to Grade	Each	0.00	500.00	0.00	1.00	0.00	1.00

	A	B	C	D	E	F	G	H	I
33	729-10	Remove & Relocate Sign	Each	0.00	100.00	0.00	2.00	0.00	2.00
34		Total Line Item Budget				634,528.00			
35		Mobilization				44,416.96			
36		Total Budget				678,944.96			
37									
38	Change Order 8-26-2016								
39	740-03	Construction Sign (0 to 6.25SF)	SD	280.00	1.00	280.00			
40	740-04	Construction Sign (6.26 to 15.99SF)	SD	56.00	2.00	112.00			
41	740-05	Construction Sign (16 to 32.99SF)	SD	84.00	5.00	420.00			
42	460-00	Setting New Manhole Ring & Cover	Each	2.00	750.00	1,500.00			
43	830-00	Wheelchair Ramp	SY	35.00	100.00	3,500.00			
44	830-00	Tactile Markers/Truncated Domes	SF	60.00	25.00	1,500.00			
45		Electrical for Entry Feature	LS	1.00	8,050.00	8,050.00			
46		Irrigation for Entry Feature	LS	1.00	4,140.00	4,140.00			
47		Landscaping for entry feature	LS	1.00	4,715.00	4,715.00			
48	459-01	Adjust Manhole to Grade	Each	1.00	500.00	500.00			
49	729-10	Remove & Relocate Sign	Each	2.00	100.00	200.00			
50						24,917.00	Total Line Item Change		
51									
52						659,445.00	New Total Line Item Budget		
53						46,161.15	Mobilization		
54						705,606.15	Total CO #1 Budget		
55									
56						26,661.19	Total in Change of Budget		
57									
58	Change Order 3-29-17								
59	200-00	Unclassified Excavation (>500CY)	CY	-469.87	15.00	-7,048.05			
60	213-01	Crushed Rock Foundation	CY	-345.28	70.00	-24,169.60			
61	301-04	Portland Cement Concrete Pavement (6")(>500SY)	SY	-285.90	55.00	-15,724.50			
62	305-01	Curb & Gutter (2'-8")(6" Barrier)(>500')	LF	-43.70	20.00	-874.00			
63	812-02	Remove Curb & Gutter	LF	-43.70	7.00	-305.90			
64	812-03	Concrete Pavement Removal	SY	-285.90	10.00	-2,859.00			
65	813-00	Remove Driveway	SY	167.08	10.00	1,670.80			
66	820-01	Sawcut Pavement	LF	1,152.83	4.00	4,611.32			
67	812-01	Remove Sidewalk (Width)	SY	18.89	10.00	188.90			
68	823-00	Sidewalk (5')	SY	641.44	55.00	35,279.20			

	A	B	C	D	E	F	G	H	I	J
1	PAGE TWO: Sum of Changes as of 29 March 2017									
2				Original Contract			AS OF 29MAR17			
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
						(D*E)		(G-D)	(G*E)	(I-F)
4	200-00	Unclassified Excavation (>500CY)	CY	1,204.00	15.00	18,060.00	734.13	-469.87	11,011.95	-7,048.05
5	213-01	Crushed Rock Foundation	CY	1,204.00	70.00	84,280.00	858.72	-345.28	60,110.40	-24,169.60
6	301-04	Portland Cement Concrete Pavement (6")(>500SY)	SY	4,213.00	55.00	231,715.00	3,927.10	-285.90	215,990.50	-15,724.50
7	305-01	Curb & Gutter (2'-8")(6" Barrier)(>500')	LF	3,524.00	20.00	70,480.00	3,480.30	-43.70	69,606.00	-874.00
8	801-00	Construction Staking (Construction Survey)	Day	2.00	1,250.00	2,500.00	2.00	0.00	2,500.00	0.00
9	812-02	Remove Curb & Gutter	LF	3,524.00	7.00	24,668.00	3,480.30	-43.70	24,362.10	-305.90
10	812-03	Concrete Pavement Removal	SY	4,213.00	10.00	42,130.00	3,927.10	-285.90	39,271.00	-2,859.00
11	813-00	Remove Driveway	SY	792.00	10.00	7,920.00	959.08	167.08	9,590.80	1,670.80
12	820-01	Sawcut Pavement	LF	210.00	4.00	840.00	1,362.83	1,152.83	5,451.32	4,611.32
13	812-01	Remove Sidewalk (Width)	SY	750.00	10.00	7,500.00	768.89	18.89	7,688.90	188.90
14	823-00	Sidewalk (5')	SY	750.00	55.00	41,250.00	1,391.44	641.44	76,529.20	35,279.20
15	823-03	6" PC Conc. Driveway (HES)	SY	792.00	65.00	51,480.00	1,037.42	245.42	67,432.30	15,952.30
16	824-01	Temporary Surface Course (TBSC)	Ton	100.00	40.00	4,000.00	288.28	188.28	11,531.20	7,531.20
17	840-04	Solid Slab Sodding (U-3 Bermuda)	SY	1,175.00	3.00	3,525.00	1,050.00	-125.00	3,150.00	-375.00
18	740-09	Construction Barricades	SD	540.00	10.00	5,400.00	236.00	-304.00	2,360.00	-3,040.00
19	740-10	Warning Lights (Type A)	SD	1,080.00	1.00	1,080.00	506.00	-574.00	506.00	-574.00
20	740-14	Channelizers Cones	SD	1,800.00	1.50	2,700.00	5,208.00	3,408.00	7,812.00	5,112.00
21		Entry Feature	LS	1.00	35,000.00	35,000.00	1.00	0.00	35,000.00	0.00
22	740-03	Construction Sign (0 to 6.25SF)	SD	0.00	1.00	0.00	926.00	926.00	926.00	926.00
23	740-04	Construction Sign (6.26 to 15.99SF)	SD	0.00	2.00	0.00	176.00	176.00	352.00	352.00
24	740-05	Construction Sign (16 to 32.99SF)	SD	0.00	5.00	0.00	201.00	201.00	1,005.00	1,005.00
25	460-00	Setting New Manhole Ring & Cover	Each	0.00	750.00	0.00	2.00	2.00	1,500.00	1,500.00
26	830-00	Wheelchair Ramp	SY	0.00	100.00	0.00	35.00	35.00	3,500.00	3,500.00
27	830-00	Tactile Markers/Truncated Domes	SF	0.00	25.00	0.00	61.00	61.00	1,525.00	1,525.00
28		Electrical for Entry Feature	LS	0.00	8,050.00	0.00	1.00	1.00	8,050.00	8,050.00
29		Irrigation for Entry Feature	LS	0.00	4,140.00	0.00	1.00	1.00	4,140.00	4,140.00
30		Landscaping for entry feature	LS	0.00	4,715.00	0.00	1.00	1.00	4,715.00	4,715.00
31	459-01	Adjust Manhole to Grade	Each	0.00	500.00	0.00	1.00	1.00	500.00	500.00
32	729-10	Remove & Relocate Sign	Each	0.00	100.00	0.00	2.00	2.00	200.00	200.00
33		Total Line Item Budget				634,528.00			676,316.67	
34		Mobilization				44,416.96			47,342.17	
35		Total Budget				678,944.96			723,658.84	



Asphalt & Concrete Paving

TO: Kahley Gilbert

March 24, 2017

RE: I-19-W-URG Explanation of overruns

Item 813-00

Driveway removal over ran per City instructions. Originally only removing 3' of driveway approach. We were instructed to take the removal and replacement all the way back to the property line to accommodate ADA requirements.

Quantity increased 167.08 SY
Total increased \$1,670.80

Item 820-01

Saw cut Pavement - Original estimate was for transverse cuts only to accommodate daily concrete pours. Actual construction required longitudinal sawing to allow for setting of forms rather than to pour against the old broken existing concrete down the centerline of the street.

Quantity increased 1,152.83 SF Total + \$4,611.32

Item 812-01

Sidewalk removal - Extra sidewalk removed to accommodate the entry feature at 19th Street. This sidewalk was not included in the original quantity.

Quantity + 18.89 SF Total + \$188.90

Item 823-00

Sidewalk replacement - Original estimate placed sidewalk on one side of Eagle Drive only. City decided to place sidewalk on both sides of Eagle between 19th & 14th Street.

Quantity + 641.44 SF Total + \$35,279.20

Item 823-03

6" Driveway - See note on item 813-00. Replaced driveways removed. Also added width to several driveways and added three driveways that weren't on the original takeoff. This per the inspector's direction.

Quantity + 245.42 SF total + \$15,952.30

Item 824-01

Temporary Surface Course (TBSC) - Original quantity was for one temporary install and removal at each driveway. Actual construction required multiple movements of temporary driveway access to accommodate residents.

Quantity + 188.28 Tons
Total + \$1,531.20

Items 740-03, 04, 05

Construction Signs - Additional sizes and kinds of traffic signs were needed to meet traffic safety requirements.

740-14:
Quantity 3408 SD
Total 5112.00

740-14

740-03: Quantity + 646 SD
Total + \$646

740-04: Quantity + 120 SD
Total + \$240

740-05: Quantity + 117 SD
Total + \$585

Items 459-01 and 460-01

New manhole ring & cover and grade adjustment. A new manhole ring & cover was needed to bring the existing manhole to code. The existing manhole needed to be adjusted to the new grade required by the new entry feature.

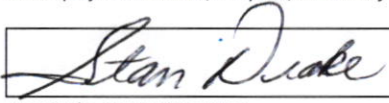
An Equal Opportunity Employer

Cost Reasonableness Certification

Project Name	Eagle Dr	
Work Order Number	I-19-W-URG	Date 3/29/2017

Line Item	Contract Amount	Industry Standard	Vendor
Paving	\$ 609,250.67	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3	Cardinal Engineering
Traffic	\$ 13,161.00	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3	Cardinal Engineering
Mobilization	\$ 47,342.17	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3	Cardinal Engineering
Drainage	\$ 2,000.00	Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3	Cardinal Engineering
Entry Feature	\$ 35,000.00	Engineered Design Plans completed by Planning Design Group	PDG
Electric for Entry Feature	\$ 8,050.00	Engineered Design Plans completed by Planning Design Group	PDG
Irrigation for Entry Feature	\$ 4,140.00	Engineered Design Plans completed by Planning Design Group	PDG
Landscaping for Entry Feature	\$ 4,715.00	Engineered Design Plans completed by Planning Design Group	PDG
Total	\$ 723,658.84		

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

3/29/2017

Date

