

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
CHANGE ORDER**

Date: July 1, 2020
Page 1 of 3

TO: Emery Sapp & Sons, Inc. Contractor

Change Order No.
Contract ID
Federal Project No.
Route
County
Change Order Type
Federal Oversight

0002
191018-D03
FAF-15-1(17)
54
MILLER
Resident Engineer
Approval
NO

YOU ARE HEREBY DIRECTED TO MAKE THE FOLLOWING CHANGES FROM THE CONTRACT:

ESTIMATE OF COST OF WORK AFFECTED BY THIS CHANGE ORDER

PROJECT NUMBER	LINE ITEM NUMBER	ITEM CODE	CATEGORY NUMBER	DESCRIPTION	UNITS	UNITS PREVIOUSLY PROVIDED FOR	UNITS TO BE CONSTRUCTED	UNITS OVERRUN, UNDERRUN, CONTINGENT	CONTRACT OR AGREED UNIT PRICE	AMOUNT OF OVERRUN OR PLUS CONTINGENT	AMOUNT OF UNDERRUN OR MINUS CONTINGENT
J5P3181	0100	2081000	0001	INTERCEPTION DITCH	100F	7.000	11.000	4.000	\$375.00000	\$1,500.00	
	0420	8099903	0001	MISC. MODIFIED CONCRETE CURB (6 IN. HEIGHT) TYPE S	LF	859.000	1,242.000	383.000	\$50.00000	\$19,150.00	
	0540	6161005	0001	CONSTRUCTION SIGNS	SQFT	3,253.000	3,445.000	192.000	\$8.00000	\$1,536.00	
	0575	6161025	0001	CHANNELIZER (TRIM LINE)	EA	220.000	320.000	100.000	\$20.00000	\$2,000.00	
	1050	7311022	0001	PRECAST CONCRETE DROP INLET 2 FT X 2 FT	FT	15.000	13.000	(2.000)	\$530.00000		(\$1,060.00)
	1070	7311042	0001	PRECAST CONCRETE DROP INLET 4 FT X 2 FT	FT	11.000	13.000	2.000	\$570.00000	\$1,140.00	
	5002	8069903	0001	MISC. Erosion Control - 9 IN. STRAW WATTLES	LF	0.000	1,300.000	1,300.000	\$2.63000	\$3,419.00	
	5003	8069903	0001	MISC. Erosion Control - 12 IN. STRAW WATTLES	LF	0.000	280.000	280.000	\$4.31000	\$1,206.80	
SETTLEMENT FOR COST OF THE ABOVE CHANGE TO BE MADE AT CONTRACT UNIT PRICES, EXCEPT AS NOTED:										\$29,951.80	(\$1,060.00)

CONTRACT AMOUNT	\$9,711,377.55
OVERRUN THIS ORDER	\$28,891.80
OVERRUN PREVIOUS ORDERS	\$0.00
TOTAL OVERRUN TO DATE	\$28,891.80
TOTAL	\$9,740,269.35

THE TERMS OF SETTLEMENT OUTLINED ABOVE ARE HEREBY AGREED TO:

Emery Sapp & Sons, Inc.
CONTRACTOR

(Chip) Nolan E. Jones
DIGITAL SIGNATURE

Digitally signed by (Chip) Nolan E. Jones
DN: cn=(Chip) Nolan E. Jones, o=Emery Sapp and Sons, Inc., ou=Heavy/Civil Branch, email=Chip.Jones@emerysapp.com, c=US
Date: 2020.07.01 10:23:02 -05'00'

Contractor's Authorized Representative

Chris Graham

Digitally signed by Christopher Graham
DN: E=US, E=christopher.graham@modot.mo.gov, O=MoDOT, OU=CD Construction, CN=Christopher Graham
Date: 2020.07.08 10:33:21-05'00'

Approved - Resident Engineer
Christopher A Graham

Change Order Reasons

LINE ITEM NUMBER	REASON CODE	Description and Reason for Change
0100	DE	<p>DE- Line No. 0100 - Interception Ditch - Overrun:</p> <p>The plan sheets detail an interception ditch / berm Lt. of Station 1+00 to 5+20 of Ramp 1, which was omitted from the 2B Sheets and the original contract bid tabulations. The grades throughout this location are flat and the berm was detailed to be installed on the back side of the ditch to properly provide and maintain the water flow to an existing drop inlet located at Lt. Sta. 2+70.</p> <p>This change results in an additional 4.0 Sta. for a total of 7.0 as measured in accordance per section 208.3 of the Missouri Standard Specifications.</p>
0420	DE	<p>DE - Line No. 0420 - Misc. Modified Concrete Curb (6 IN. Height) Type S - Overrun:</p> <p>The Modified Type S Curb, detailed on Ramp No. 3, is to be installed on both the Lt. and Rt. sides of the pavement from Station 3+28.94 to 5+91.65, in which the quantities detailed in the 2B sheets only reflected one side.</p> <p>In addition, the cross sections detail the modified curb to be installed from Station 3+28.94 to 1+98.00 on the left side which was omitted from the 2B sheets and the original contract bid tabulations. This quantity reflects an additional 383 LF of Modified Curb required for the left side of Ramp No. 3 as follows:</p> <p>1+98.00 to 203.25 (5.25 LF - D.I. #12) 2+06.75 to 2+73.25 (66.5 LF - D.I. #13) 2+76.75 to 3+33.25 (56.5 LF - D.I. #14) 3+36.75 to 5+91.65 (254.9 LF)</p> <p>This net change results in an additional 383 LF for a total of 859 LF as measured in accordance per section 609.2 of the Missouri Standard Specifications.</p>
0540	DF	<p>DF - Line No. 540 - Construction Signs - Overrun:</p> <p>Additional signs were required to safely guide the traveling public through the work zone and to provide the applications set forth in the standard specifications for temporary traffic control on Highway 54, Bus. 54, Osage Hills Road and Route W at various locations. This quantity reflects the actual signs that have been utilized and documented at this time for the project, which exceeds the original quantity detailed in the 2B Sheets. An additional quantity has been added at this time to allow the contractor prompt payment of additional signs which may be required.</p> <p>This change reflects an additional and estimated 192 Sq. Ft. for a total of 3253 Sq. Ft. as measured per section 616.12 of the Missouri Standard Specifications.</p>
0575	DF	<p>DF - Line No. 0575 - Channelizer (Trim Line) - Overrun:</p> <p>Additional Channelizers were required to safely guide the traveling public throughout the work zone and to provide the applications set forth in the standard specifications for the temporary traffic control on Business Rte. 54, Hwy 54 and Osage Hills Road.</p> <p>This change results in an additional 100 Each for a total of 220 Each as measured in accordance per section 616.12 of the Missouri Standard Specifications.</p>
1050	DE	<p>DE - Line No. 1050 - Precast Concrete Drop Inlet 2 Ft. X 2 Ft. - Underrun:</p> <p>Drop Inlet No. 15, Lt. Sta. 5+90 Ramp No. 3, was detailed in the Culvert sheets as a 2 Ft. X 4 Ft. Inlet which was incorrectly detailed as a 2 Ft. X 2 Ft. Inlet in the 2B Sheets. Therefore this item is being reduced and added to Line 1070. to provide the proper payment.</p> <p>This change results in a reduced quantity in the amount of 2 Ft. for a total of 15 Ft as measured in accordance per section 731.4 of the Missouri Standard Specifications</p>
1070	DE	<p>DE - Line No. 1070 - Precast Concrete Drop Inlet 4 Ft. X 2 Ft. - Overrun:</p> <p>See Line No. 1050 for reason.</p> <p>This change results in an additional 2Ft. for a total of 11 Ft as measured in accordance per section 731.4 of the Missouri Standard Specifications.</p>
5002	DF	<p>DF - Line No. 5002 - Misc. 9 IN. Wattles - Extra Work:</p> <p>Settlement of costs based on the agreed price of \$2.63 per LF, which includes the 5% markup allowed for the Prime Contactor and all material, labor and equipment necessary for the installation of the 9 IN. Wattle.</p> <p>Due to the numerous existing and new utility relocates along with the shallow ditch line along the Rt. side of Willmore Lane, Sta. 0+00 to 8+00, it was necessary to install the 9 IN. Wattle instead of silt fence to direct and divert the water shed along the edge of the road into rock ditch checks installed periodically throughout this location. This quantity reflects 876 LF.</p> <p>In addition, an estimated 424 LF has been added to allow the contractor prompt payment in case of future conflicts with utilities and</p>

Change Order Reasons

LINE ITEM NUMBER	REASON CODE	Description and Reason for Change
		<p>the installation of silt fence.</p> <p>This net change reflects an additional 1300 LF for a total of 1300 LF as measured in accordance with section 806 of the Missouri Standard Specifications.</p>
5003	DF	<p>DF - Line No. 5003 - Misc. 12 IN. Wattles - Extra Work:</p> <p>Settlement of costs based on the agreed price of \$4.31 per LF, which includes the 5% markup allowed for the Prime Contractor and all the material, labor and equipment necessary for the installation of the 12 IN. Wattle.</p> <p>Due to the terrain and the location of the contractors daily work area for the waterline, it was deemed necessary to install the 12 IN. Wattle right of Sta. 0+10 to 0+50 to prevent sediment from leaving the project limits and entering Willmore Lane and to divert the water shed towards a rock ditch check located Rt. Sta. 0+10. This also allows for the contractor to remove and replace the BMP as needed to provide the necessary work as required. This quantity reflects 40 LF.</p> <p>In addition, the 12 IN Wattles were utilized Rt. of Sta. 627+20 to 628+50 of Hwy 54 to provide an additional BMP to help prevent sediment from entering an existing wetland area. Due to the terrain at this location it was deemed necessary to incorporate an additional BMP feature, which created less disturbance in the area as detailed in the design plan sheets and JSP's. This quantity reflects 240 LF.</p> <p>This net change reflects an additional 280 LF for a total of 280 LF as measured in accordance with section 806 of the Missouri Standard Specifications.</p>