

COUNTY OF LAKE  
Department of Public Works  
255 North Forbes Street  
Lakeport, CA 95453

CHANGE ORDER NO: 5

DATE: April 14, 2021

BID NO.: 19-01

PROJECT: FEMA FMAG Culvert Replacement No. 1 & No. 2  
Federal Project No.'s: FMAG DR 5093-1-1R & FMAG DR 5112-1-1R

CONTRACTOR: Coleman Environmental Engineering, Inc.  
P. O. Box 1020 / 85 E. Hwy 20  
Upper Lake, CA 95485

Note: These changes in no way relieve the Contractor of completing work in accordance with standards established by the Standard Specifications and Special Provisions.

ITEM NO.	DESCRIPTION	TIME EXTENSION	VALUE
1	Reduce Bid Item 22, "Install "L" Headwall for 21" CMP" by 1 @\$5,560.55	0	-\$5,560.55
2	Increase Bid Item No. 42, "Rock Slope Protection (20 LBS., Class 1, Method B) by 0.78 CY @ \$47.00/CY	0	\$36.66
3	Increase Bid Item No. 43, "Rock Slope Protection Fabric (Class 8) by 21 SF @ \$7.40/SF	0	\$155.40
4	Materials on-hand credit for "L" Headwall for 21" CMP	0	\$1,357.00
		0	-\$4,011.49

REQUESTED BY: Owner

REASONS: An existing water main was found to be in conflict with the new culvert and headwall specified to be installed at Site 117 Rose Anderson Road PM 0.54. The culvert installation was redesigned to avoid this conflict. See the attached Field Order No. 5 for more details.

The contractor shall accept the decrease in the contract of \$4,011.49 for the redesign of Site 117 to avoid the conflict with the existing water main.

This sum constitutes full and complete compensation for providing all labor, materials, equipment, tools and incidentals to construct Site 117 per the redesign parameters, and includes all markups by reason of this change. This change order also includes compensation for materials on hand payment for (1) one concrete headwall. The County will take possession of the headwall.

ORIGINAL CONTRACT WORKING DAYS:

TIME EXTENSION ON PREVIOUS CHANGE ORDER(S):

TIME EXTENSION FOR THIS CHANGE ORDER:

REVISED CONTRACT WORKING DAYS:

90 Days

1 Days

0 Days

91 Days

ORIGINAL CONTRACT AMOUNT:

AMOUNT PREVIOUS CHANGE ORDERS: (Additions)

AMOUNT PREVIOUS CHANGE ORDERS: (Deletions)

AMOUNT THIS CHANGE ORDER:

REVISED CONTRACT AMOUNT:

\$649,497.50

6,750.00

0.00

-4,011.49

\$652,236.01

ACCEPTED: CONTRACTOR

By:

Lee Weisenberg, Gen. Mgr.

04/19/2021

Name and Title

Date

RECOMMENDED:

By:

Scott De Leon, Director

4/23/21

Name and Title

Date

APPROVED: OWNER

By:

Bruno Sabatier, Chair

Date

Board of Supervisors

Name and Title

COUNTY OF LAKE  
DEPARTMENT OF PUBLIC WORKS

FIELD ORDER

Field Order No.: 5

Project Title: FEMA FMAG Culvert Replacement No. 1 & No. 2

Bid No.: 19-01

Federal Project No.: FMAG DR 5093-1-1R & FMAG DR 5112-1-1R

Contract Date: 8/8/2019

Prime Contractor: Coleman Environmental Engineering, Inc.

You are hereby authorized and instructed to effect the following modifications of the contract for the foregoing named project:

January 24, 2020

Site 117 - Rose Anderson Road PM 0.54

During excavation to stall the new culvert and concrete inlet headwall an existing water main was found to be in conflict with their designed locations. There was not enough room to relocate the water main without extensive excavation and a lengthy time delay by the utility owner to do this work. The extensive excavation would do more damage to the exiting roadway than good.

The best course of action is to make these design changes:

1. Raise inlet elevation of the new culvert to provide a minimum 3" clearance over the existing water main.
2. Remove the inlet headwall. The County will take possession of the concrete headwall and pay as materials on-hand.
3. Install an inlet gallery using Class 1 RSP and Class 8 RSP fabric. The estimated foot print of the inlet gallery is 35 SF.

Estimated modifications by way of this design change are:

1. Reduce Bid Item No. 22, "Install "L" Headwall for 21" CMP" by 1 = -\$5,560.55
2. Materials On-Hand credit for Bid Item 22, "L" Headwall for 21" CMP = \$1,357.00
3. Increase Bid Item No. 42, "Rock Slope Protection (20 LBS., Class 1, Method B) by 1.29 CY @ \$47.00/CY = \$60.63
4. Increase Bid Item No. 43, "Rock Slope Protection Fabric (Class 8) by 35 SF @ \$7.40/CY = \$259.00

The estimated cost adjustment to the contract for this design change = -\$3,883.92

No time adjustment for this change.

Maximum Cost: (\$3,900)

or Minimum Credit:

\$

This form shall be used only for the issuance of emergency instructions to the Contractor where the time required for preparation and execution of a formal Change Order would result in delay or stoppage of the work, or would allow a hazardous condition to exist. A duly authorized Change Order shall replace this Field Order as soon as possible and shall bear appropriate reference in this Field Order.

Distribution: 1. Contractor  
2. File  
3. Owner

1/24/2020  
Date

Steve Phillips  
Construction Project Manager

1/24/2020  
Date

Lee Weisenberg  
Contractor's Authorized Representative

FINAL 1 & 2

## Site 117 DESIGN CHANGE

1. REMOVE "L" SHAPED 21" HEADWALL  
FROM INLET SIDE OF CULVERT  
• Reduce Bid Item 22 by 1 = \$ -5,560.55
2. RAISE INLET END OF CULVERT  
TO PROVIDE A MIN 3" CLEARANCE  
OVER EXISTING WATER MAIN = \$ 0.00
3. INSTALL A CLASS 1 RSP OVER  
CLASS 8 RSP FABRIC INLET GALLERY (3'x7'x1')  
• FIELD INSTALLED QUANTITIES  
• 0.78 CY CLASS 1 RSP, Bid Item 42  
-  $0.78 \times \$47.00 = \$36.66$   
• 21 SF CLASS 8 RSP FABRIC, Bid Item 43  
 $21 \times \$7.40 = \$155.40$
4. CREDIT FOR "L" SHAPED HEADWALL, per Invoice  
= \$ 1,357  
(this WAS PAID FOR AS PART OF Pay App #3)

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-4,011.49

ITEM TOTALS = - \$5,368.49

MATERIAL ON-HAND = \$1,357  
TOTAL