

Date: 1/13/2025

CHANGE ORDER MEMORANDUM

TO: COUNTY OF LAKE			FILE: COUNTY CONTRACT NO. <u>23-02</u>	
FROM: Joe Siemers, P.E.			COUNTY PROJECT NAME <u>14C-0099 Bartlett Creek Bridge</u>	
			FEDERAL PROJECT NO. <u>BRLO-5914(111)</u>	
CCO NO. <u>1</u>	SUPPLEMENT NO.	CATEGORY CODE	CONTINGENCY BALANCE (Including this change): \$ 227,321.01	
CHANGE ORDER AMOUNT \$ <u>\$7,922.29</u> <u>X</u> INCREASE <u> </u> DECREASE			COUNTY BOARD OF SUPERVISORS APPROVAL REQUIRED? YES <u>X</u> NO <u> </u>	
SUPPLEMENTAL FUNDS PROVIDED \$ <u>0</u>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS YES <u>X</u> NO <u> </u>	
ORIGINAL CONTRACT TIME: <u>120</u> DAY(S)	TIME ADJUSTMENT THIS CHANGE: <u>0</u> DAY(S)	PREVIOUSLY APPROVED TIME ADJUSTMENTS: <u>0</u> DAY(S)	PERCENTAGE TIME ADJUSTED (Including this change) <u>0</u> %	TOTAL # OF UNRECONCILED DEFERRED TIME (Including this change) <u>0</u>

This Change Order provides for:

COMPREHENSIVE DESCRIPTION, JUSTIFICATION, AND COST SUMMARY

1. Temporary Erosion Control Measures

Due to winter setting in and intermittent rain events, a need has risen to temporarily stabilize the DSAs. Most of the DSA is the existing unpaved roadways, with some fills behind the abutments and embankment slopes that are still under construction. Since the contract did not contain a pay item for temporary soil stabilization, the Contractor was asked to provide a cost for temporary soil stabilization.

The Contractor submitted a proposal to provide re-usable erosion control blankets, allowing the Contractor to rollup and re-use the blankets in different areas without leaving any organics on the embankments.

The cost proposal included is as follows:

Estimated cost to provide 800 S.F. of material along with labor for first installation and removal for reuse - \$2,610.94.

Estimated cost for each Subsequent Placement and Removal - \$1,611.91.

Actual Cost:

12/12/24 - Install Temporary Erosion Control Blankets on DSA's due to forecasted storm - \$2,295.36

1/4/25 - Remove and dispose of temporary erosion control blankets, to make ready for permanent erosion control. - \$697.13

Item Cost - \$2,992.29

2. Additional Barbed Wire Fencing

Most of the existing barbed wire fence within the project area was missing, damaged or laid over. The missing, damaged or laid over fencing was not included in the original bid quantities. This change provides for additional 170 LF of barbed wire fence above the 60 LF of barbed wire fence included in the original contract quantities. Contractor has agreed to replace the additional fencing at contract unit price.

Item Cost - 170 L.F. Barbed Wire Fence @ \$29.00/LF = \$4,930.00 (Lump Sum)

Total Cost for Items 1. and 2 - \$7,922.29

CONCURRED BY:		ESTIMATE OF COST		
PROJECT MANAGER	DATE:	THIS REQUEST		TO DATE
	<u>1/15/25</u>	ITEMS	\$0.00	
RESIDENT ENGINEER	DATE:	FORCE ACCOUNT	\$0.00	\$0.00
	<u>01/15/2024</u>	AGREED PRICE	\$7,922.29	\$7,922.29
		ADJUSTMENT	\$0.00	\$0.00
PUBLIC WORKS DIRECTOR	DATE:	TOTAL	\$7,922.29	\$7,922.29
	<u>1/15/2025</u>	FEDERAL PARTICIPATION		
OTHER	DATE:	<u>X</u> PARTICIPATING	<u> </u> PARTICIPATING IN PART	<u> </u> NONE
		<u> </u> NON-PARTICIPATING (Maintenance)	<u> </u> NON-PARTICIPATING	

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

CHANGE ORDER NO: 1

DATE: January 13, 2025

BID NO.: 23-02

PROJECT: 14C-0099 Bartlett Creek
BRLO-5914(111)

CONTRACTOR: Stewart Engineering, Inc.
P.O. Box 990010
Redding, CA 96099

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

Description of work to be done, estimate of quantities, and prices to be paid. (Segregate between additional work at contract price, agreed price, and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the Bid Item List.

Description of Change

1. Temporary Erosion Control Measures

Contractor to provide temporary erosion control consisting of re-usable erosion control blankets to allow rollup and re-use of blankets in different areas as needed without leaving any organics on the embankments.

Estimated Costs:

Cost to provide initial 800 S.F of material along with labor for first installations and removal for re-use - \$2,619.94

Cost for each Subsequent Placement and Removal - \$1,611.91

Actual Cost:

12/12/24 - Install Temporary Erosion Control Blankets on DSAs - \$2,295.36

1/4/35 - Remove and Dispose of temporary erosion control blankets - \$697.13

Item Cost - \$2,992.49

2. Additional Barbed Wire Fencing

Most of the existing barbed wire fence within the project area was missing, damaged or laid over. The missing, damaged or laid over fencing was not included in the original bid quantities. This change provides for additional 170 LF of barbed wire fence above the 60 LF of barbed wire fence included in the original contract quantities. Contractor has agreed to replace the additional fencing at contract price.

Item Cost - 170 L.F. Barbed Wire Fence @ \$29.00/LF = \$4,930.00 (Lump Sum)

Total Cost for Items 1. and 2. - \$7,922.29

REQUESTED BY: ☒ Owner ☐ Contractor

REASONS: To provide additional temporary erosion control and to replace existing fence that was missing, damaged or laid over prior to construction

ORIGINAL CONTRACT WORKING DAYS:	120	Days
TIME EXTENSION ON PREVIOUS CHANGE ORDER(S):	0	Days
TIME EXTENSION FOR THIS CHANGE ORDER:	0	Days
REVISED CONTRACT WORKING DAYS:	120	Days
ORIGINAL CONTRACT AMOUNT:	\$	2,352,435.00
AMOUNT PREVIOUS CHANGE ORDERS: (Additions)	\$	-
AMOUNT PREVIOUS CHANGE ORDERS: (Deletions)	\$	-
AMOUNT THIS CHANGE ORDER:	\$	7,922.29
REVISED CONTRACT AMOUNT:	\$	2,360,357.29

ACCEPTED: CONTRACTOR

By:	<u>Roger Ellicock</u>	<u>Roger Ellicock - VP / PM</u>	<u>1/15/2025</u>
		Name and Title	Date

RECOMMENDED:

By:	<u>Glen March</u>	<u>Glen March, Director</u>	<u>1/15/2025</u>
	Department of Public Works	Name and Title	Date

APPROVED: OWNER

By:	<u></u>	<u></u>	<u></u>
	Board of Supervisors	Name and Title	Date



REQUEST FOR INFORMATION

TO: County of Lake- Department of Public Works

Joe Siemers / Steve Matranga – MGE

Peter Wang - MGE

ATTN: Steve

RFI NO: 19

NO. PAGES INC. COVER SHEET: 1

DATE: 1/10/2025

SEI PROJECT NO: 2322

CONTRACT NO: 23-02

RE: Bartlett 99 Bridge

RFI Background:

We have found that most of the existing barbed wire fence with the project area is missing or damaged and laid over. In addition to the 60 lf quantity in the Contract Item 42- Reconstruct Fence, we've determined that an additional 170 lf is generally required to secure the immediate project area. Most of the existing materials are unusable for re-construction.

RFI Summary:

We have an inventory of used posts and generally new wire / connectors from previous projects that we're able to incorporate into the re-construct for the same unit price.

If you'd like the 170 lf of the existing fence to be reconstructed / upgraded as discussed, can you please provide a Lump Sum Change Order for \$ 4,930.00 (170lf @ \$29/lf)?

BY Roger Ellicock



NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE COUNTY OFFICE.

ABBREVIATIONS:

AITs ALTERNATIVE IN-LINE TERMINAL SYSTEM

LEGEND:

TOE OF FILL

CURVE DATA

No.	R	Δ	T	L
1	2500.00'	09° 46' 14"	2' 3.68'	426.32'
2	7500.00'	03° 30' 29"	229.68'	459.21'

Dist	County	Route	Post Miles	Sheet No.	Total Sheets
1	LCK	CR	--	3	23
REGISTERED CIVIL ENGINEER			DATE	1/6/23	
JANUARY 24, 2023			PLANS APPROVAL DATE		
CONSOR			CONSOR 1017 COBBLE ROCK DR., STE 100 RANCHO COTTONA, CA 95670		

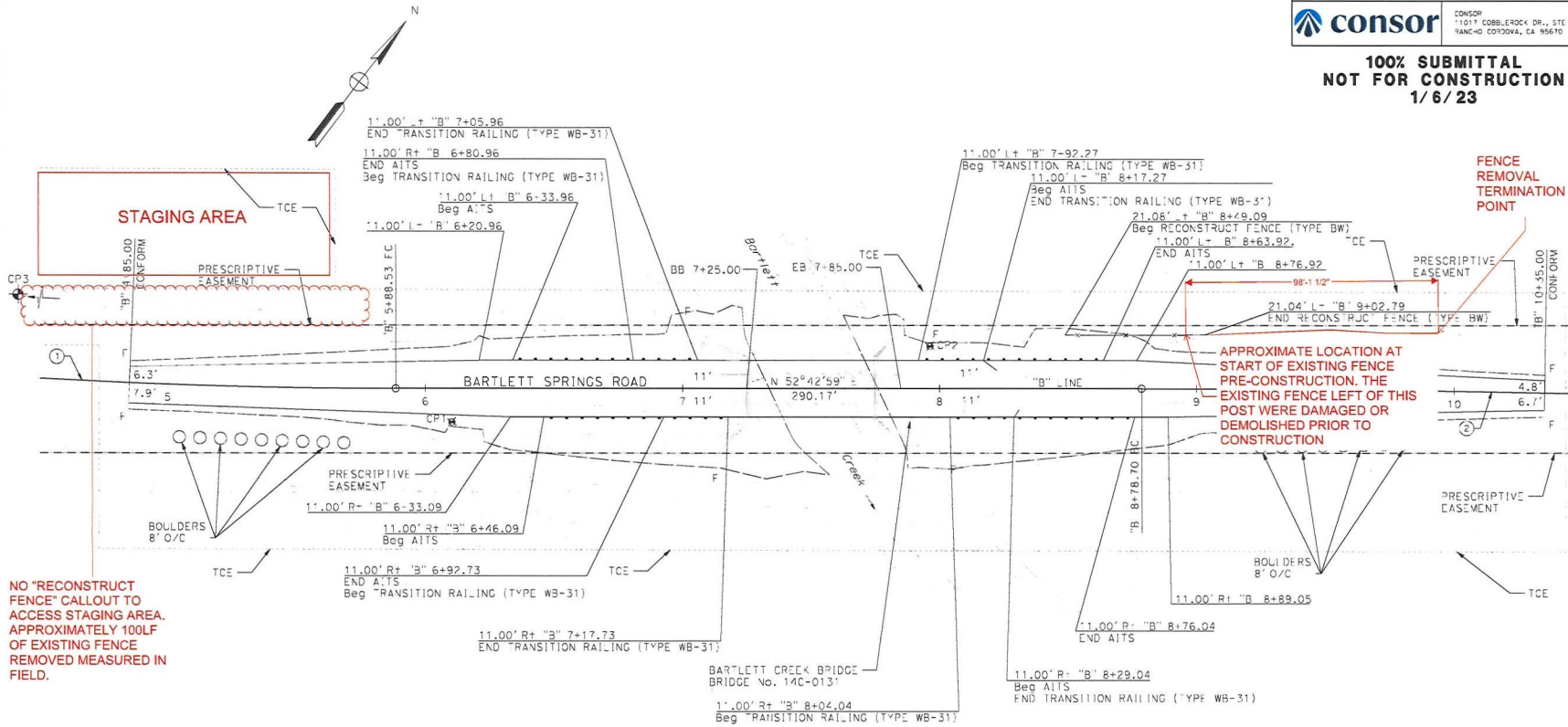
**100% SUBMITTAL
NOT FOR CONSTRUCTION
1/6/23**



COUNTY OF LAKE
PUBLIC WORKS DEPARTMENT
COUNTY OF LAKE, 205 N. FRANKS ST.
LAKEPORT, CALIFORNIA 95455
WWW.COUNTYLAKE.CA.GOV TEL: (707) 383-2341 FAX: (707) 383-7748

PROJECT DESCRIPTION:
BARTLETT CREEK BRIDGE
AT BARTLETT SPRINGS RD.
17084 BARTLETT SPRINGS RD.
LUCERNE, CA 95458

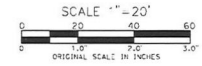
LAYOUT	
TYPE	
Date	
Scale	
Drawn	
File	
Sheet	3
Of 19 Sheets	



NO "RECONSTRUCT FENCE" CALLOUT TO ACCESS STAGING AREA. APPROXIMATELY 100LF OF EXISTING FENCE REMOVED MEASURED IN FIELD.

SURVEY CONTROL DATA

No.	NORTHING	EASTING	ELEV	LINE	STATION	OFFSET	DESCRIPTION
CP1	2192964.43	6357820.65	2091.78	"B"	6+10.37	13.00' R+	SP: XE D
CP2	2193100.68	6357950.71	2092.56	"B"	7+96.38	16.62' L+	SP: XE D
CP3	2192818.90	6357550.08	2093.25	"B"	3+04.76	19.07' L+	1/2" IRON PIPE



LAYOUT
SCALE: 1"=20'

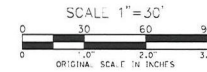
L-1

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE COUNTY OFFICE.
2. THIS PLAN ACCURATE FOR DETOUR WORK ONLY.
3. SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
4. FOLLOWING COMPLETION OF BRIDGE, REMOVE DETOUR AND SWITCH TRAFFIC TO "B" LINE ALIGNMENT TO FINISH FILL SLOPE AND APPROACH GUARDRAIL IN CONFLICT WITH DETOUR ROUTE.
5. TYPE III BARRICADES TO INCLUDE WARNING LIGHTS.

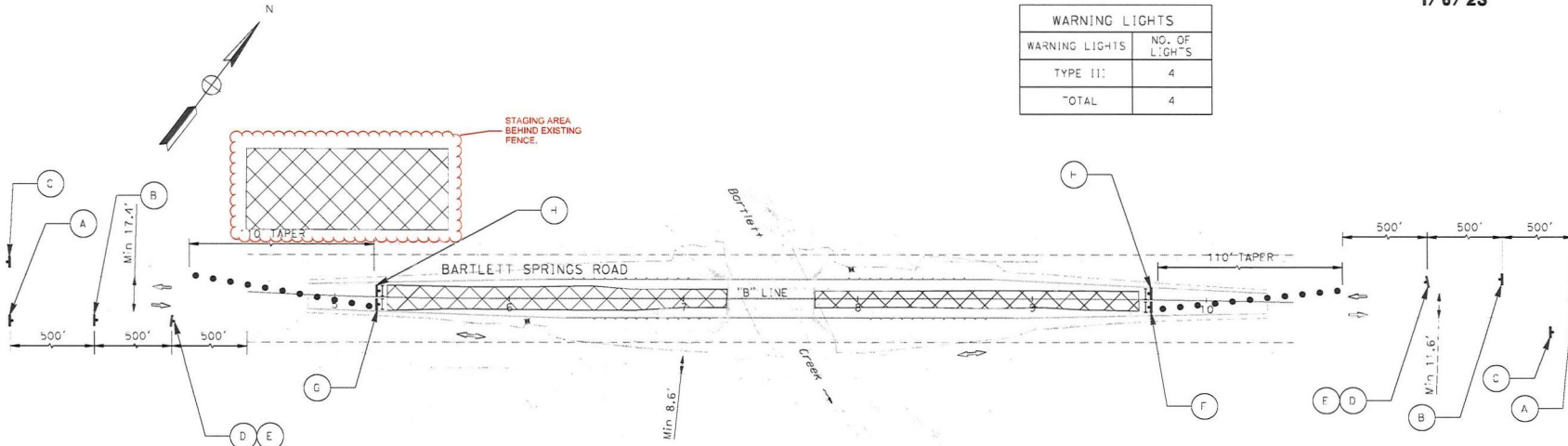
LEGEND:

- CONSTRUCTION STAGING AREA
- BARRICADE (TYPE III)
- CHANNELIZER (10' SPACING, typ)
- SINGLE-POST SIGN
- DIRECTION OF TRAVEL



TYPE III BARRICADE	CHANNELIZER (SURFACE MOUNTED)
4	22

WARNING LIGHTS	
WARNING LIGHTS	NO. OF LIGHTS
TYPE III	4
TOTAL	4



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN NO.	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
(A)	W20-1	C23 (CA)	36" x 36"	"ROAD WORK AHEAD"	1 - 4" x 4"	2
(B)	W20-2	--	36" x 36"	"DETOUR AHEAD"	1 - 4" x 4"	2
(C)	G20-2	--	36" x 18"	"END ROAD WORK"	1 - 4" x 4"	2
(D)	W1-4	--	36" x 36"	REVERSE CURVE	1 - 4" x 4"	2
(E)	W15-1P (10)	--	24" x 24"	"10 MPH"	--	2
(F)	W1-6(L)	--	48" x 24"	(ARROW LEFT)	--	1
(G)	W1-6(R)	--	48" x 24"	(ARROW RIGHT)	--	1
(H)	R11-2	--	48" x 30"	"ROAD CLOSED"	--	2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
1	LCK	CR	--	7	23
REGISTERED CIVIL ENGINEER ANDREW MITCHELL No. CB1004			DATE 1/6/23		
PLANS APPROVAL DATE JANUARY 24, 2023			CIVIL STATE OF CALIFORNIA		

consor

CONSOR
1017 COBBLE ROCK DR., STE 100
RANCHO COPIPOVA, CA 95670

100% SUBMITTAL
NOT FOR CONSTRUCTION
1/6/23



COUNTY OF LAKE
PUBLIC WORKS DEPARTMENT

PROJECT DESCRIPTION:
BARTLETT CREEK BRIDGE
AT BARTLETT SPRINGS RD
17084 BARTLETT SPRINGS RD
LUCERNE, CA 95456

DETOUR PLAN

TYPE
Date
Scale
Drawn
File
Sheet
Of 19 Sheets

DETOUR PLAN

SCALE: 1"=30'

DE-1

Request for Information

Job Stamp

Bartlett Springs Road Bridge

Contract No.: 14C0131

Bridge No.: 14C0131

Location: Lake County

Fed Project No.: BRLO-5914(111)

Construction Manager

11/22/2024

Joe Siemers, P.E.

MGE Engineering, inc.

7415 Greenhaven Drive #100

Sacramento, CA 95831

Prime Contractor

12/02/2024

Roger Ellicock

Stewart Engineering, Inc.

5323 Eastside Rd.

Redding, CA 96001

RFI No.: **17**

Rev. No.:

Priority: High

Title: Temporary Erosion Control Measures

Doc. Reference:

Request

RFI Background:

Now that we are dealing with the intermittent rain events, the Water Pollution Control inspection reports keep noting the need to temporarily stabilize the DSAs. There is no pay item for temp soil stabilization in the current contract, only silt fence for sediment control at the toe of slopes and along the perimeter. Most of the DSA is the existing unpaved roadways, with some fills behind the abutments and embankment slopes that are still being constructed.

RFI Summary:

Would it be appropriate to provide a CCO for hand broadcasted straw mulch, EC blankets, or something inexpensive to be applied as a soil stabilization BMP to cover some of the disturbed soil?

Response

Please prepare a CCO cost proposal to broadcast straw mulch as discussed in our Weekly Progress Meeting on 11/26/2024.

Joe Siemers, P.E.

Resident Engineer

MGE Engineering, inc.



DAILY LABOR, MATERIAL & EQUIPMENT LISTING

CONTRACT NO
CO. RT. PM.
DESCRIPTION OF WORK

Lake Co. 23-34
Bartlett Springs Road Bridge over Bartlett Creek

DATE PERFORMED Day 1
DATE OF REPORT

Estimated Cost at force account to install approx. 800 sf of erosion control blankets on DSAs, and remove (salvage for re-use) following storm event on areas that are still active construction.		Estimated Cost for each Subsequent Placement/Removal	\$	1,611.91
Estimated cost for material and 1st installation and removal		Estimated Cost for (4) Subsequent Placement/Removal	\$	6,447.64

LABOR TOTALS																			
EMPLOYEE NAME	LABOR TRADE	CLASS	BASE RATE	FRINGE RATE	S.T. RATE	O.T. RATE	D.T. RATE	REG. HRS	S.T. SURCH	S.T. SUBTOT	O.T. HRS	O.T. SURCH	O.T. SUBTOT	D.T. HRS	D.T. SURCH	D.T. SUBTOT	SUBSIST. \$/DAY	SUBSIST. \$/HR	SUBTOT. LABOR
									9%				9%						
Manager (Office)	SUP		60		60.00	90.00	120.00		1.09			1.09			1.09				
									1.09				1.09						
Superintendent	OPF		64.01	35.01	99.02	131.03	163.03	1.00	1.09	107.93		1.09			1.09			12.50	120.43
Excavator	OP3		67.23	33.5	100.73	134.35	167.96	1.00	1.09	109.80		1.09			1.09			12.50	122.30
Loader / Compactor / Grade setter	OP4		59.76	33.5	93.26	123.14	153.02	1.00	1.09	101.65		1.09			1.09				101.65
Laborer	LG1		36.97	29.91	66.88	85.37	103.85	3.00	1.09	218.70		1.09			1.09			12.50	256.20
Laborer	LG1		36.97	29.91	66.88	85.37	103.85	3.00	1.09	218.70		1.09			1.09			12.50	256.20
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Laborer	LG1		36.97	29.91	66.88	85.37	103.85		1.09			1.09			1.09				
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DAILY LABOR, MATERIAL & EQUIPMENT LISTING

CONTRACT NO
CO. RT. PM.

Lake Co. 23-34 Contract Change Order #002
Bartlett Springs Road Bridge over Bartlett Creek

DATE PERFORMED Day 2
DATE OF REPORT 01/04/25

DESCRIPTION OF WORK Remove and dispose of temporary erosions control blankets, to make ready for permanent erosion control. Saturday OT hrs

1/4/2025 Report Total \$ 697.13 FINAL CCO#2 TOTAL \$ 2,992.49

LABOR TOTALS																			
EMPLOYEE NAME	LABOR TRADE	CLASS	BASE RATE	FRINGE RATE	S.T. RATE	O.T. RATE	D.T. RATE	REG. HRS	S.T. SURCH	S.T. SUBTOT	O.T. HRS	O.T. SURCH	O.T. SUBTOT	D.T. HRS	D.T. SURCH	D.T. SUBTOT	SUBSIST. \$/DAY	SUBSIST. \$/HR	SUBTOT. LABOR
									9%			9%			9%				
Manager (Office)	SUP		60		60.00	90.00	120.00		1.09			1.09			1.09				
									1.09			1.09			1.09				
Superintendent (Jesse)	OPF		64.01	35.01	99.02	131.03	163.03		1.09			1.09			1.09			12.50	
Excavator	OP3		67.23	33.5	100.73	134.35	167.96		1.09			1.09			1.09			12.50	
Loader / Compactor / Grade setter	OP4		59.76	33.5	93.26	123.14	153.02		1.09			1.09			1.09				
Laborer (Mike)	LG1		36.97	29.91	66.88	85.37	103.85		1.09		1.00	1.09	93.05		1.09			12.50	105.55
Laborer	LG1		36.97	29.91	66.88	85.37	103.85		1.09			1.09			1.09			12.50	
Pile Driver / Bridge Builder (Jaun)	PD/BB		63.26	38.22	101.48	133.11	164.74		1.09			1.09			1.09			7.50	
Pile Driver / Bridge Builder (Adrian)	PD/BB		63.26	38.22	101.48	133.11	164.74		1.09		1.00	1.09	145.09		1.09			7.50	152.59
Laborer	LG1		36.97	29.91	66.88	85.37	103.85		1.09			1.09			1.09				
Pile Driver / Bridge Builder (Manny)	PD/BB		63.26	38.22	101.48	133.11	164.74		1.09		1.00	1.09	145.09		1.09			7.50	152.59
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									1.09			1.09			1.09				

SUBTOTAL LABOR WITHOUT MARKUP 410.73
ALLOWABLE LABOR MARKUP PER CONTRACT 35%
TOTAL DAILY LABOR WITH MARKUP 554.48

MATERIALS		EQUIPMENT TOTALS													
DESCRIPTION	TOTAL	CLASS	MAKE	CODE	MANUF.	MODEL #	ITEM	REG. RATE	OT FACT.	HRS IN OPER	ST HRS PAID	ST TOTAL	OT HRS IN OPER	OT TOTAL	TOTAL
		TRUCK	T&TT	06-12	FORD	F350	PICKUP	41.96	0.81	1.00	1.00	41.96			41.96
		ELGEN	GEN	003-008			ELECTRIC GENERATOR	3.34	0.86						
		FKLFT	FLT	080-120	CAT	TL943D	CAT REACH LIFT	82.08	0.81	1.00	1.00	82.08			82.08
		HCECL	CAT	0321R	LINKBELT	321D	CAT 321D LCR EXCAVATOR	141.66	0.85						
		HCECL	CAT	0270	CAT	E2CR	MIDI EXCAVATOR	60.36	0.85						
		ROVIB	CAT	8060	CAT	CP563	84" COMPACTOR	124.15	0.86						
		LDRRT	CAT	2310M	CAT	950M	950 LOADER	212.26	0.90						
TOTAL MATERIALS		TRUCK	T&TT	20-28			2000k WATER TRUCK	57.26	0.90						
SUBCONT. AND/OR OWNER OPERATORS		COMHG	COMP	0-250	WACKER		UPRIGHT RAMMER	5.21	0.81						
DESCRIPTION	TOTAL	TRUCK	T&TT	06-12	FORD	F250	PICKUP	41.96	0.81						
		TRAIT	TB-2	45388	PJ	14K	14k TILTDECK TRAILER	1.79	0.62						
		***	***	***	***	***	PAGE 2 EQUIPMENT TOTALS	***	***	***	***	***	***	***	***
TOTAL SUBCONT. AND/OR OWN/OP		EQUATION FOR STRAIGHT TIME HOURS PAID FOR EQUIP ON SITE = "HRS IN OPER"/2 + 4, DAILY RATES FOR "HRS IN OPER" = 1													

SUBTOT. MAT., SPCL. & TIER SUBCONT.
ALLOWABLE MARKUP PER CONTRACT 15%
AL DAILY MAT., SPCL. & TIER SUBCONT.

SUBTOTAL EQUIPMENT WITHOUT MARKUP 124.04
ALLOWABLE EQUIPMENT MARKUP PER CONTRACT 15%
TOTAL DAILY EQUIPMENTWITH MARKUP 142.65

ACCEPTED FOR PROGRESS PAYMENT

CONTRACTOR

RESIDENT ENGINEER