

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

CHANGE ORDER NO: 3

DATE: 7/10/2017

Page 1 of 3

PROJECT: Foard Road at Anderson Creek Bridge Replacement Project
Federal Project No. BRLO-5914(068)

CONTRACTOR: Bridgeway Civil Constructors, Inc.
4950 Allison Parkway, Suite A
Vacaville, CA 95688

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	<u>Adjust Contract Items at Contract Price</u>	0	-\$17,463.45
	Decrease Bid Item #11 Temporary Fiber Roll. 93 LF @ \$5.00/ LF = (-\$465.00)		
	Decrease Bid Item #12 Temporary Silt Fence. 300 LF @ \$8.00/ LF = (-\$2,400.00)		
	Decrease Bid Item #20 Salvage Concrete Barrier(Type K). 130LF @ \$25.00/ LF = (-\$3,250.00)		
	Decrease Bid Item #23 Roadway Excavation. 50.8 CY @ \$92.00/ CY = (-\$4,673.60)		
	Decrease Bid Item #27 Imported Borrow. 30.89 CY @ \$65.00/ CY = (-2,007.85)		
	Decrease Bid Item #30 Class 2 Aggregate Base. 20.42 CY @ \$100.00/ CY = (-\$2,042.00)		
	Decrease Bid Item #43 Midwest Guardrail System. 7.5 LF @ \$350.00/ LF = (-\$2,625.00)		
	Adjustment of Contract Time:		
	No adjustment of contract time will be made.		

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2	<u>Extra Work at Agreed Lump Sum</u> Change Bridge Deck Grooving From Longitudinal to Transverse. Work to be performed at Agreed Lump Sum. Cost of this operation is split evenly between two projects. Adjustment of Contract Time: The Contractor shall be granted 64 working days by reason of this change.	64	\$7,986.75
		64	-\$9,476.70

REQUESTED BY: Contractor and County

REASON: Item No. 1. Final balancing of underrun and overrun contract items.
 Item No. 2. Grooving of the Bridge decks was attempted on 12/17/2016. The operator told the Resident Engineer that that machine would remove approximately 1.5" to 2" from the bridge deck due to the relatively short vertical curve of the structure. (see attached daily for additional detail). This was not allowed by the Resident Engineer as it violated the project Specifications and would be detrimental to the Structure. Contractor is directed to groove the deck transversely. During the time that these events occurred, "grind and groove" was the controlling operation and could not be performed, therefore, the Contractor is entitled to additional working days that represent the time from 12/17/2016 to 3/23/2017 when the operation resumed. The Contractor is granted 64 working day for this item.

The Contractor shall receive and accept the price of -\$9,476.70 based on decreases in quantities and extra work at Agreed Amount. No adjustments to the contract unit price of any item will be made in accordance with Section 9-1.06, "Changed Quantity Payment Adjustments," of the Standard Specifications. This sum constitutes full and complete compensation for providing all labor, materials, equipment, tools and incidentals, includes all markups by reason of this change. The Contractor agrees that this compensation fully satisfies and resolves all aspects of project quantity measurements and disputes.

ORIGINAL CONTRACT WORKING DAYS:	90	Days
TIME EXTENSION ON PREVIOUS CHANGE ORDER(S):	3	Days
TIME EXTENSION FOR THIS CHANGE ORDER:	64	Days
REVISED CONTRACT WORKING DAYS:	<u>157</u>	Days

ORIGINAL CONTRACT AMOUNT:	\$724,382.00
AMOUNT PREVIOUS CHANGE ORDERS: (Additions)	\$16,088.79
AMOUNT PREVIOUS CHANGE ORDERS: (Deletions)	0.00
AMOUNT THIS CHANGE ORDER:	<u>-\$9,476.70</u>
REVISED ESTIMATED CONTRACT AMOUNT:	\$730,994.09

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ACCEPTED: CONTRACTOR

By:


Bridgeway Civil Constructors, Inc.

Gabe Farncroft, Senior Project Manager
Name and Title

7/11/17
Date

RECOMMENDED:

By:

Department of Public Works

Scott De Leon, Director
Name and Title

Date

APPROVED: OWNER

By:

Board of Supervisors

Jeff Smith, Chair
Name and Title

Date

COUNTY of LAKE
 DEPARTMENT OF TRANSPORTATION PUBLIC WORKS
 Foard Road at Anderson Creek
 Bridge Replacement Project

REPORT NO. Cat. 46

DATE: 12/17/16 DAY: Saturday
 Shift Start: 1130 Stop 1200

BID No. 16-04
 FAP No. BRLO-5914
 ASSISTANT RESIDENT ENGINEER'S DAILY REPORT

HOURS - ITEMS

WEATHER Clear am. Clear pm. Temp. Min. <u>30 F</u> Max <u>47 F</u>	On site									
	Item 35 – STRUCTURAL CONCRETE, BRIDGE (F)									
	Item									
	Item									
	Item									
DESCRIPTION	Off job									
	IDLE								Contr.	Names & Equip. #'s
Superintendent w/TRUCK T&TT 00-06		1					7		Bridgeway	Rafael Jiminez
Laborer w/TRUCK T&TT 12-20		1					7		Bridgeway	Juan Garcia
OE W/ TRUCK T&TT 60		1					7		Penhall	David Bailey
OE W/ TRUCK T&TT 60		1					7		Penhall	Steve Dunbar
Grinder /profiler							8		Penhall	#142-1938
Tribal Monitor	x								Middletown Rancheria	Jesse Reyes

LOCATION & DESCRIPTION OF OPERATION:

Bridgeway

At 0810 I arrived on site at Dry Creek to find no one had arrived yet. Arrival time of the Contractor was anticipated to be between 0800 and 0900.

Before the Contractor arrived, I began checking the deck for with the straight edge to locate any must grinds prior to the profile grinding and grooving. The bridge was covered in dirt and debris – contrary to specifications requiring that the Contractor prep the site before we perform this work. At 0900 the Bridgeway crew and their grinding subcontractor, Penhall, showed up on site.

We made introductions and then began talking about their approach to the work and how they thought that the bridge may be troublesome to grind on profile. We went to mid-span of the bridge and Penhall's operator said his machine would see the vertical curve of the bridge as a "bump" in the road and flatten it out. He explained that they had just come from the

Matthews bridge last night and that the bridge had a flatter profile and they still were required to take a significant amount of material from the high point. He said that this bridge would require even more grinding than Matthews because of the greater profile.

According to the operator, he said he would be cutting about 2.5" from the high point of the deck. This was not acceptable and I questioned why he was not able to just take the maximum allowed 1/2" off the deck at the high point and his reply was that this machine was a fixed frame machine and it has no adjustment between wheels. The only control they had is with mechanical screws at the four wheel corners that they use to set the depth and sometimes adjust to super elevation changes.

I made calls to the design Engineer to see if he could confirm in Cad what the operator was saying.

I measured the wheel base of the grinding machine to be 17' 4" and the cutting head 5' in front of the rear wheels. Greg Young plotted machine dimension in cad along the theoretical profile and found that it would be cutting 5/8 to 3/4" from the surface due to the machine length. This was not acceptable as specifications limit the minimum rebar clearance to 1 3/4" cover. Since 1/4" sacrificial cover was added to the 2" planed dimension per the project specifications, the maximum grind depth would be 1/2".

Everyone then went to the Anderson Creek Bridge to look at that deck to see if it was any better. It turned out to be a worse grind compared to Dry Creek due to vertical curve geometry that would require a deeper grind of about 2.5".

We then returned to Dry Creek and I spoke with Rafael Jimenez (Bridgeway). I told him that according to Penhall, they cannot grind the deck per the project specifications with this machine. He replied yes we will have to figure something else out. Penhall and Bridgeway then began leaving the site. The grinder was never unloaded from the trailer.

I also reminded Rafael that when they perform the grind and groove that the machine will only be able to reach approximately 18" from the railing and that the portion outside that would have to be transitioned from vertical by hand or other alternate method. He said he knew that and was ready to do that as soon as the main grind occurs.

We will request that Bridgeway provide an equipment submittal for the grind and groove operation prior to the next attempt.

Penhall

Penhall arrived on site at about 0900. They never unloaded the grinder from the trailer. We had discussion while standing on the deck. The operator David Bailey said he could not grind this deck with this equipment to the 1/2" maximum grind specification. The crew left at approximately 1242 hours from the Dry Creek site.

Middletown Rancheria

No monitor on site today.



Signature

Ramon Montes de Oca, PE

Title

Assistant Resident Engineer



EXTRA WORK REPORT

Project Title: Lake County - Dry Creek and Anderson Creek
 Job No.: 16006 and 16007

Report No. 1
 Date Performed: 3/23 and 3/31
 Date of Report 5/23/17

DESCRIPTION OF WORK

Grooving for Dry Creek and Anderson Creek

SUMMARY OF LABOR

TRADE	QUANTITY	HOURS				RATE			TOTAL
		REG	OT	DBL	TOT	REG	OT	DBL	
Steve Wynne (3/23/17)	1	8			8	\$ 57.38			\$ 459.04
Steve Wynne (3/31/17)	1	8			8	\$ 57.38			\$ 459.04
	1	3			3	\$ 86.07			\$ 258.21
					0				\$ -
					0				\$ -
					0				\$ -
					0				\$ -
					0				\$ -
					0				\$ -

SUBTOTAL: \$ 1,176.29
 LABOR SUBCHARGE 12% \$ 141.15
 MARKUP: 35% \$ 461.11
 LABOR TOTAL: \$ 1,778.55

SUMMARY OF EQUIPMENT

MAKE/MODEL	QUANTITY	HOURS	RATE	TOTAL
	1	0.00	\$ 28.17	\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

SUBTOTAL: \$ -
 MARKUP: 15% \$ -
 EQUIPMENT TOTAL: \$ -

SUMMARY OF MATERIALS & SPECIALTY FORCES

DESCRIPTION	QUANTITY	UNIT	RATE	TOTAL
Pinnacle	1	LS	\$ 13,890.00	\$ 13,890.00

SUBTOTAL: \$ 13,890.00
 MARKUP: 15% \$ 2,083.50
 MATERIAL TOTAL: \$ 15,973.50

TOTAL OF THIS REPORT: \$ 17,752.05

BRIDGEWAY CIVIL CONSTRUCTORS REPRESENTATIVE

15,973.50



PINNACLE
Grinding & Grooving

Bridgeway Civil Constructors
4950 Allison Parkway, Suite A
Vacaville, CA 95688-9346

INVOICE			
PGG REP.	BILL DATE	DUE DATE	INVOICE #
Travis B	4/3/2017	5/3/2017	PGGCA #226-01

Billing inquiries, please contact Christina: christina@pinnaclegrinding.com

Billing inquiries, please contact Christina: christina@pinpointgrinding.com

PGG JOB NO.	JOB NAME	PROJECT NO.	ORDERED BY	
PGGCA #226	Dry Creek / Foard Road Bridges	BRLO-5914(080)	Gabe Fancroft	
DATE	WORK DESCRIPTION	HOURS	RATE	AMOUNT
3/31/17	Mobilization	1.00	\$ 5,000.00	\$ 5,000.00
	Transverse Groove Bridge Decks (approx. 2,200 SF)	2,200.00	\$ 2.45	\$ 5,390.00
	Disposal of Slurry	1.00	\$ 3,500.00	\$ 3,500.00
Thank you for the opportunity to serve you.				Total \$ 13,890.00

DIR #1000015174
CA License #995542
NV License #0079597

275 Hill Street, Suite 220
Reno, NV 89501

Phone: (775) 552-3622
Fax: (775) 737-9797

Ramon Montes De Oca



From: Ramon Montes De Oca
Sent: Tuesday, May 23, 2017 9:44 AM
To: 'Gabe Farncroft'
Cc: Fred Pezeshk; Steven Phillips (Steven.Phillips@lakecountycal.gov)
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017
Attachments: Extra Work Report - Grooving.pdf

Gabe, payment for the grooving operation was agreed upon as a lump sum price to include all labor. Bridgeway's portion is included in the 15% sub markups and Steve's time will not be allowed for payment.

Please let me know if you have any questions.

Thanks,



Ramon Montes de Oca, P.E., QSD/QSP | Associate Engineer | Ramonm@quincyeng.com
2950 Buskirk Avenue, Suite 122 Walnut Creek, CA 94597
P: 925.939.7100 | F: 925.210.0500 | www.quincyeng.com  

From: Gabe Farncroft [<mailto:gfarncroft@bridgewaycci.com>]
Sent: Tuesday, May 23, 2017 9:38 AM
To: Ramon Montes De Oca <ramonm@quincyeng.com>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017

Thanks for the update Ramon. Attached is the summary for the grooving work. Let me know if you have any questions, thank you.

Gabe Farncroft

gfarncroft@bridgewaycci.com

Mobile | 831.706.1236



4950 Allison Parkway, Suite A
Vacaville, CA 95688-9346
Phone | 707.455.7033 Fax | 707.455.7036

From: Ramon Montes De Oca [<mailto:ramonm@quincyeng.com>]
Sent: Tuesday, May 23, 2017 9:22 AM



To: Gabe Farncroft <gfarncroft@bridgewaycci.com>
Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
<Steven.Phillips@lakecountyca.gov> <Steven.Phillips@lakecountyca.gov>; Mark Reno <markr@quincyeng.com>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017

Progress payment is being reviewed and should be sent to you soon.

The NOPC's are still unresolved. We will likely be presenting our recommendations to the County this week.

Thanks,



Ramon Montes de Oca, P.E., QSD/QSP | Associate Engineer | Ramonm@quincyeng.com
2950 Buskirk Avenue, Suite 122 Walnut Creek, CA 94597
P: 925.939.7100 | F: 925.210.0500 | www.quincyeng.com  

From: Gabe Farncroft [<mailto:gfarncroft@bridgewaycci.com>]
Sent: Monday, May 22, 2017 4:42 PM
To: Ramon Montes De Oca <ramonm@quincyeng.com>
Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
<Steven.Phillips@lakecountyca.gov> <Steven.Phillips@lakecountyca.gov>; Mark Reno <markr@quincyeng.com>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017

Ramon;

We agree with the mark-ups. Will you be processing payment for the requests we sent you on May 8th? Also, where are we at with the close-out items we discussed in the meeting on January 17th? Let me know, thank you.

Gabe Farncroft
gfarncroft@bridgewaycci.com

Mobile | 831.706.1236



4950 Allison Parkway, Suite A
Vacaville, CA 95688-9346
Phone | 707.455.7033 Fax | 707.455.7036

From: Ramon Montes De Oca [<mailto:ramonm@quincyeng.com>]
Sent: Monday, May 22, 2017 4:27 PM
To: Gabe Farncroft <gfarncroft@bridgewaycci.com>

Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
(Steven.Phillips@lakecountyca.gov) <Steven.Phillips@lakecountyca.gov>; Mark Reno <markr@quincyeng.com>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017



Gabe, please see the attached redlines to the repair bill. The main difference was the return of 14 rolls of material which accounted for about \$1,800.00 of the \$2,000.00 discrepancy. The remainder was the rental rate for your standard worker / foreman trucks. They should be billed as TRUCK T&TT 06-12 unless otherwise tagged and registered by DOT.

Please let me know if you have any additional comments to my markups.

This payment will not make it to the current progress payment as it still has to go through formal CCO approval but if everything closes out quickly, we do not have to wait until the next 20th to process the final payment and release of retention.

Thanks,



Ramon Montes de Oca, P.E., QSD/QSP | Associate Engineer | Ramonm@quincyeng.com
2950 Buskirk Avenue, Suite 122 Walnut Creek, CA 94597
P: 925.939.7100 | F: 925.210.0500 | www.quincyeng.com  

From: Gabe Farncroft [<mailto:gfarncroft@bridgewaycci.com>]
Sent: Wednesday, May 10, 2017 8:36 AM
To: Ramon Montes De Oca <ramonm@quincyeng.com>
Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
(Steven.Phillips@lakecountyca.gov) <Steven.Phillips@lakecountyca.gov>; Mark Reno <markr@quincyeng.com>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017

Ramon;

Attached is the cost summary for the storm damage repair work at Dry Creek. Can you include this on the May pay estimate? Let me know, thank you.

Gabe Farncroft
gfarncroft@bridgewaycci.com

Mobile | 831.706.1236



4950 Allison Parkway, Suite A
Vacaville, CA 95688-9346
Phone | 707.455.7033 Fax | 707.455.7036

From: Ramon Montes De Oca [<mailto:ramonm@quincyeng.com>]
Sent: Monday, May 8, 2017 2:20 PM
To: Gabe Farncroft <gfarncroft@bridgewaycci.com>
Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
<Steven.Phillips@lakecountyca.gov> <Steven.Phillips@lakecountyca.gov>; Mark Reno <markr@quincyeng.com>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017

Thank you for the updated estimate. Please also have you Water Quality Manager (WQM) provide the water quality annual report per the specifications on SP 13-11.05 Water Quality Annual Report on pages SP-23 and SP-24. I am aware of the discrepancy of the first line that reads "Not Used" and then proceeds to give the details to include in the report.

Please also prepare the Water Quality Annual Report for the Anderson Springs project as well.

Please let me know if you have any questions.

Thanks,



Ramon Montes de Oca, P.E., QSD/QSP | Associate Engineer | Ramonm@quincyeng.com
11017 Cobblerock Drive Suite 100, Rancho Cordova California 95670
P: 916.368.9181 | F: 916.368.1308 | www.quincyeng.com  

From: Gabe Farncroft [<mailto:gfarncroft@bridgewaycci.com>]
Sent: Monday, May 08, 2017 11:01 AM
To: Ramon Montes De Oca <ramonm@quincyeng.com>
Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
<Steven.Phillips@lakecountyca.gov> <Steven.Phillips@lakecountyca.gov>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017

Hi Ramon;

I forgot to add the joint seal for Dry Creek. Please see the attached revision, thank you.

Gabe Farncroft

gfarncroft@bridgewaycci.com

Mobile | 831.706.1236



4950 Allison Parkway, Suite A
Vacaville, CA 95688-9346
Phone | 707.455.7033 Fax | 707.455.7036

From: Ramon Montes De Oca [<mailto:ramonm@quincyeng.com>]
Sent: Friday, May 5, 2017 9:07 AM
To: Gabe Farncroft <gfarncroft@bridgewaycci.com>
Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
(Steven.Phillips@lakecountyca.gov) <Steven.Phillips@lakecountyca.gov>
Subject: RE: Anderson Creek and Dry Creek Payment Requests for April 2017

Thank you, I will get the progress payment ready for submittal and should have it out in the next few days. I believe CCO's will be authorized by then and can be included in this upcoming progress payment.

Thanks,



Ramon Montes de Oca, P.E., QSD/QSP | Associate Engineer | Ramonm@quincyeng.com
11017 Cobblerock Drive Suite 100, Rancho Cordova California 95670
P: 916.368.9181 | F: 916.368.1308 | www.quincyeng.com  

From: Gabe Farncroft [<mailto:gfarncroft@bridgewaycci.com>]
Sent: Thursday, May 04, 2017 12:23 PM
To: Ramon Montes De Oca <ramonm@quincyeng.com>
Cc: Lynn Bailey <lbailey@bridgewaycci.com>; Fred Pezeshk <Fred.Pezeshk@lakecountyca.gov>; Steven Phillips
(Steven.Phillips@lakecountyca.gov) <Steven.Phillips@lakecountyca.gov>
Subject: Anderson Creek and Dry Creek Payment Requests for April 2017

Ramon;

Please see the attached. Give me a call if you have any questions, thank you.

Gabe Farncroft
gfarncroft@bridgewaycci.com

Mobile | 831.706.1236



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