

CHANGE ORDER NO.: 1

Owner: Yellowstone County Commission
Engineer: Great West Engineering
Contractor: COP Construction
Project: 2-21127-TO1

Owner's Project No.: Bridge 03-03
Engineer's Project No.: 2-21127
Contractor's Project No.: 23126

Contract Name: Danford & 56th Bridge Replacement
Date Issued: February 20, 2024

Effective Date of Change Order: February 20, 2024

The Contract is modified as follows upon execution of this Change Order:

Description: Adjustment in cost and time for discrepancy in number of bolts on structure from what was provided by manufacturer during bidding. Change Order also allows for an additional week of road closure.


Attachments: email from COP with supporting cost and time breakdown.

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ <u>\$1,259,100.00</u>	Original Contract Times: Substantial Completion: <u>90-days</u> Ready for final payment: <u>15-days</u>
Increase [Decrease] from previously approved Change Orders No. 1 to No. [Number of previous Change Order]: \$ <u>N/A</u>	[Increase] [Decrease] from previously approved Change Orders No.1 to No. [Number of previous Change Order]: Substantial Completion: <u>N/A</u> Ready for final payment: <u>N/A</u>
Contract Price prior to this Change Order: \$ <u>\$1,259,100.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>90-days</u> Ready for final payment: <u>15-days</u>
Increase [Decrease] this Change Order: \$ <u>22,663.00</u>	Increase [Decrease] this Change Order: Substantial Completion: <u>97-days</u> Ready for final payment: <u>15-dyas</u>
Contract Price incorporating this Change Order: \$ <u>\$1,281,763.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>97-days</u> Ready for final payment: <u>15-days</u>


Recommended by Engineer (if required)

By: 
Title: Project Manager
Date: 2/20/24

Accepted by Contractor


Project Manager (COP Construction)
02/20/24

Authorized by Owner

By: 
Title: Public Works Director
Date: 2-20-24

Approved by Funding Agency (if applicable)

Brandon Duffey

From: Sean Langan <slangan@copconstruction.com>
Sent: Friday, February 16, 2024 11:13 AM
To: Brandon Duffey; Daniel Wiggs
Cc: Ty Hickey
Subject: RE: ALBC installation guide

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Brandon,

Thank you for taking the time to speak to me this morning and listen to my point of contention/ misunderstanding of the offer below, furthermore, clarifying the offer. I appreciate the fairness of "meeting in the middle" on the submitted price and granting the additional week of closure time. Please proceed with issuing the change order.



Sean Langan
Project Manager

mobile: 760-994-6830
office: 406-656-4632
email: slangan@copconstruction.com
www.copconstruction.com



From: Brandon Duffey <bduffey@greatwesteng.com>
Sent: Wednesday, February 14, 2024 9:26 AM
To: Sean Langan <slangan@copconstruction.com>; Daniel Wiggs <dwiggs@greatwesteng.com>
Cc: Ty Hickey <thickey@copconstruction.com>
Subject: RE: ALBC installation guide

Sean,

I was able to talk with Tim this morning on this. The County's stance is that it is not their responsibility that the bolts for the wingwalls were not accounted for. The plans show the headwall wingwall and the number of bolts you based your bid on was information you obtained outside of GWE/County. If the culvert wasn't bid out separate this would be something that would have been addressed between you and your sub. Being that the County did procure this separate and Contech is not directly your sub they feel it is more than fair to meet you in the middle on the price and grant the one additional week. If this sounds ok to COP, I will work on the change order.

Thanks,



Brandon Duffey, PE
Business Unit Manager

d: (406) 281-8595
c: (406) 450-1195

6780 Trade Center Avenue
Billings, MT 59101

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From: Sean Langan <slangan@copconstruction.com>
Sent: Tuesday, February 13, 2024 10:22 AM
To: Brandon Duffey <bduffey@greatwesteng.com>; Daniel Wiggs <dwiggs@greatwesteng.com>
Cc: Ty Hickey <thickey@copconstruction.com>
Subject: RE: ALBC installation guide

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Brandon,

As requested here is the breakdown how I arrived at my totals for dollars and time:

Total for structure bolting = \$93302.97/ 11,600 Bolts = \$8.04336/bolt

16,500-11,600 = 4,900 bolts

4900 bolts x \$8.04 = \$39,412.46 x 15% MU = \$45,324.33

151 crew hrs for 11,600 bolts = 0.013 hrs/ bolt

16,500 bolts x 0.013=214.50 hrs

151 hrs = 3.02 wks

215 hrs = 4.30 wks

4.3-3.02=1.28 wks

1.28 wks x 5 = 6.4 days



Sean Langan
Project Manager

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From: Sean Langan
Sent: Friday, February 9, 2024 9:06 AM
To: 'Brandon Duffey' <bduffey@greatwesteng.com>; 'Daniel Wiggs' <dwiggs@greatwesteng.com>
Cc: Ty Hickey <thickey@copconstruction.com>
Subject: RE: ALBC installation guide

Brandon,

With the additional bolts I would also like to request an additional week of closure time of the roadway and contract time (I calculated an additional 6.4 or 7 days). If this is not feasible then I will need to add additional crew members which will increase the cost, I provided previously.

Also, we did not discuss a weekly meeting being performed in the precon, so if one will not be held would you like to see a 3-week schedule weekly? I have attached the first one.

From: Sean Langan
Sent: Monday, February 5, 2024 10:45 AM
To: 'Brandon Duffey' <bduffey@greatwesteng.com>; Daniel Wiggs <dwiggs@greatwesteng.com>
Cc: Ty Hickey <thickey@copconstruction.com>
Subject: RE: ALBC installation guide

Brandon,

I am seeing the 4,900 ea increase in bolts will cause an increase of \$45,324.33 (includes MU). If this is agreeable please issue a change order at your earliest convenience.

From: Brandon Duffey <bduffey@greatwesteng.com>
Sent: Friday, February 2, 2024 5:41 PM
To: Sean Langan <slangan@copconstruction.com>; Daniel Wiggs <dwiggs@greatwesteng.com>
Cc: Ty Hickey <thickey@copconstruction.com>
Subject: RE: ALBC installation guide

Sean,

Let me know what you are thinking time/price wise for this. I am going to be working out of town/state next week, but will try to give you a call first thing Monday to discuss.

Thanks,



Brandon Duffey, PE
Business Unit Manager

d: (406) 281-8595
c: (406) 450-1195

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Billings, MT 59101

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From: Sean Langan <slangan@copconstruction.com>
Sent: Friday, February 2, 2024 5:29 PM
To: Brandon Duffey <bduffey@greatwesteng.com>; Daniel Wiggs <dwiggs@greatwesteng.com>
Cc: Ty Hickey <thickey@copconstruction.com>
Subject: FW: ALBC installation guide

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Brandon,

Looking over what we were provided at bid time and the Bill of Materials (BOM) provided by Contech today there is a significant increase in the number of bolts (4,900).

Bid time: 11,600 ea

BOM: 16,500 ea

I am assuming there was a change where additional ribs were added (requiring additional bolts) after bid time to the design and may need to be discussed further in the pricing of the work. Attached are the shop drawings that were received at pre-bid (as well as quantities down below), the shops provided at the precon today, and the BOM. Please give me a call Monday at your earliest convenience to discuss.



Sean Langan

Project Manager

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email: slangan@copconstruction.com

www.copconstruction.com



From: Dave Loyning <dloyning@copconstruction.com>

Sent: Friday, February 2, 2024 1:59 PM

To: Sean Langan <slangan@copconstruction.com>

Subject: FW: ALBC installation guide

Sean,

This is what I received prior to the bid from Contech. See list of materials below.



Dave Loyning

Estimator

mobile: 406-855-9738

office: 406-656-4632

email: dloyning@copconstruction.com

www.copconstruction.com



From: Tim Miller <Tim.Miller@ContechES.com>

Sent: Tuesday, October 24, 2023 10:32 AM

To: Dave Loyning <dloyning@copconstruction.com>

Subject: RE: ALBC installation guide

WARNING: PLEASE USE CAUTION. THIS EMAIL ORIGINATED FROM OUTSIDE THE COP CONSTRUCTION ORGANIZATION.

Please forward any suspicious mail to helpdesk@copconstruction.com

Here is a preliminary drawing and some details on the structure.

ALBC 101, 30'1" span x 10'7" rise x 148.5' long R3 shell

Invert plates 4.5' long – Total 66

Shell plates 4.5' long – Total 99

Total bolts – 11,600

Let me know if you have questions.

Tim Miller

Area Manager – Structures (MT, WY, ND, SD, CO)

CONTECH Engineered Solutions

Mobile 📞 (307)631-5761

Email ✉ tmiller@conteches.com

www.conteches.com

Whatever you do, work at it with all your heart, as working for the Lord, not for men. Colossians 3:23

From: Tim Miller

Sent: Monday, October 16, 2023 2:43 PM

To: Dave Loyning (dloyning@copwy.com) <dloyning@copwy.com>

Subject: ALBC installation guide

Dave,

Attached is some information on the assembly and installation of this aluminum box culvert structure.

I will see if I can get you a preliminary shop drawing for this structure.

Let me know if you have questions.

Tim Miller

Area Manager – Structures (MT, WY, ND, SD, CO)

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