

INDIANA Department of Transportation**Construction Change Order and Time Extension Summary****Contract Information**

Contract No.: B -36229	Letting Date:02/20/2019
District:LAPORTE DISTRICT	AE:Beale, Cortney
PE/S:Randell, Lee	Status:Pending

Change Order Information

Change Order No.: 013	EWA: Y or Force Acct: N
Date Generated: 11/09/2020	Date Approved: 00/00/0000

Reason Code: CHANGED COND, Constructability Related

Description: Jack and Bore Casing under CN, Added Costs

Original Contract Amount	\$ 20,538,846.45	
Current Change Order Amount	\$ 10,426.93	Percent: 0.051 %
Total Previous Approved Changes	\$ 1,576,167.75	Percent: 7.674 %
Total Change To-Date	\$ 1,586,594.68	Percent: 7.725 %
Modified Contract Amount	\$ 22,125,441.13	

Time Extension Information

Date Initiated 00/00/0000	Date Completed 00/00/0000
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Original Contract Time	SS Completion Date 00/00/0000 or SS Calendar/Work Days 0
	SP Date 00/00/0000 or SP Days
	(SS = Standard Specification, SP = Special Provision)

Time Element Description:

Current Time Extension	SS Days 0 SP Days 0	SP Days Value \$ 0.00
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Previous Time Approved	SS Days by AE:_____ DCE:_____ SCE:_____ DDCM:_____
	SS Days_____ SP Days Value \$ _____

Revised Contract Time	SS Completion Date 00/00/0000 or SS Calendar/Work Days 0
	SS Date 00/00/0000 or SP Days 0

INDIANA Department of Transportation
Construction Change Order and Time Extension Summary

Review and Approval Information

Required Approval Authority AE:_____ DCE:_____ SCE:_____ * DDCM:_____ *
 (\$ per Change Order) (- LE \$ 250K-) (- LE \$ 750K -) (-- LE \$ 2 M --) (-- GT \$ 2 M --)
 (Days per Contract) (50 SS days) (100 SS days) (200 SS Days) (GT 200 SS days)

Verbal Approval Required? Y / N If Y, by_____ Date Issued_____

Total Change To-Date>5%? Y / N If Y , Copy to Program Budget Manager_____

Scope/Design Recommendation Y / N If Y, Referred to Project Manager(PM) _____
 Required?

Date to PM_____ Date Returned_____

Approval Authority Concurs with PM? Y / N If Y, Concurrence by_____ Date_____

If N,Resolution: Approved _____ Disapproved _____

Resolved by_____ Date_____

LPA Signatures Required? Y / N If Y, Date to LPA _____ Date Returned _____

FHWA Signatures Required? Y / N If Y, Date to FHWA_____ Date Returned_____

* Field Engineer Recommendation (Required for SCE or DDCM Approval)

Field Engineer _____ Date _____

Comments: _____

Contract: B -36229
 Project: 0710056 - State:0710056
 Change Order Nbr: 013
 Change Order Description: Jack and Bore Casing under CN, Added Costs
 Reason Code: CHANGED COND, Constructability Related

CLN	PCN	PLN	Item Code	Unit	Unit Price	CO Qty	Comment	Amount Change
0266	0710056	0264	109-04299	DOL	1.000	10426.930	C	Amount:\$ 10,426.93

Item Description: FORCE ACCOUNT WORK

Supplemental Description1: , Jack and Bore Casing Extension under CN

Supplemental Description2:

Total Value for Change Order 013 = \$ 10,426.93

Whereas, the Standard Specifications for this contract provides for such work to be performed, the following change is recommended.**General or Standard Change Order Explanation**

Change Order 13 is the result of CN Railroad suspending work and requiring additional measures to be taken during the casing bore for the proposed storm sewer placement between structures 307 and 308A. The bore operation below the CN railroad was performed from south to north. When the casing passed beyond Track 2 and was under Track 1, retained water within the shoofly aggregate base was being drained thru the casing. As a result of the retained water being drained thru the casing, CN required that the casing be advanced further to see if water flow thru the casing would stop. The casing was advanced another 7 feet. The retained water volume decreased thru the casing after about 30 minutes. The contractor planned to install a timber bulkhead at the north end of the casing, but due to the drained water CN required that a steel bulkhead be installed at the north end to prevent any potential settlement of the tracks. This change order includes labor, idle equipment, and steel bulkhead materials necessary to complete the casing work per CN direction. Also included is the future removal of the steel bulkhead and adjusting the casing length to install structure 307. CLN 0266 is being created under this force account change order as category 0001, participating, for \$10,426.93. No markup is being applied under this change order. This item is marked as participating since the planned work is also participating.

General or Standard Change Order Explanation

On the afternoon of 4/2/20 the railroad flagman order that work be paused when water was visibly draining thru the casing and contacted CN. The CN safety supervisor visited the site a couple hours after work was paused. He required a vac truck be used to locate the north end of the casing, advance the casing another 20 feet north and install a steel bulkhead in lieu of timber. During the vac truck excavation an existing utility was found to be in direct conflict with the casing after advancing 7 feet of the requested 20 feet. Since there was very little retained water existing thru the casing at this time, the boring operation was stopped, and the steel bulkhead was installed. Work was completed the morning of 4/3/20. CN also required that the contractor monitor the top of rail elevations after each train passing over the casing thru the week. No settlement was recorded, and the results were communicated with CN.

General or Standard Change Order Explanation

No additional time is required under this change order to perform this work. Pricing for work under this change order has been deemed reasonable and fair. The LPA ERC has confirmed acceptance of this change order, and the INDOT PM has been notified. Attached as reference is the contractors request for change order with markup, revised subcontractor request for change order and rates, review of contractor pricing, INDOT PM notification, railroad flagman daily reports, casing installation agreement between CN and the Town of Munster, plan sheet 84 of 360, and email correspondence. Also attached as informational reference is the contract special provision for Protection of Railway Interest.

Change Order Explanation for Specific Line Item

It is the intent of the parties that this change order is full and complete compensation for the work describe above.

Notification and consent to this change order is hereby acknowledged.

Contractor:_____

Signed By:_____

Date:_____

NOTE: Other required State and FHWA signatures will be obtained electronically through the SiteManager system.

Contract No:B -36229
Change Order No:013

INDIANA
Department of Transportation

Date:03/22/2021
Page: 4

APPROVED FOR LOCAL PUBLIC AGENCY

(SIGNATURE)

(TITLE)

(DATE)

(SIGNATURE)

(TITLE)

(DATE)

SUBMITTED FOR CONSIDERATION

PE/S _____

APPROVED FOR INDIANA DEPARTMENT OF TRANSPORTATION

Approval Level	Name of Approver	Date	Status
Project Engineer/Supervisor	Randell, Lee	00/00/0000	Action Pending