

INDIANA Department of Transportation
Construction Change Order and Time Extension Summary

Contract Information

District:LAPORTE DISTRICT

Contract No.: B -36229

AE:Beale, Cortney

Letting Date:02/20/2019

PE/S:Randell, Lee

Status:Pending

Change Order Information

Change Order No.: 003

EWA: Y or Force Acct: N

Date Generated: 09/30/2019

Date Approved: 00/00/0000

Reason Code: CHANGED COND, Constructability Related

Description: Added Water Main and Ductile Iron Pipe Related Items

Original Contract Amount \$ 20,538,846.45

Current Change Order Amount \$ 159,999.96

Percent: 0.779 %

Total Previous Approved Changes \$ 0.00

Percent: 0.000 %

Total Change To-Date \$ 159,999.96

Percent: 0.779 %

Modified Contract Amount \$ 20,698,846.41

Time Extension Information

Date Initiated 00/00/0000

Date Completed 00/00/0000

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

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

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

Field Engineer _____ Date _____

Comments: _____

Contract No:B -36229

INDIANA

Date:11/13/2019

Change Order No:003

Department of Transportation

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Contract: B -36229
 Project: 0710056 - State:0710056
 Change Order Nbr: 003
 Change Order Description: Added Water Main and Ductile Iron Pipe Related Items
 Reason Code: CHANGED COND, Constructability Related

CLN	PCN	PLN	Item Code	Unit	Unit Price	CO Qty	Comment	Amount Change
0025	0710056	0025	202-96133	LFT	22.830	800.000	C	Amount:\$ 18,264.00
Item Description: PIPE, REMOVE Supplemental Description1: Supplemental Description2:								
0039	0710056	0039	211-09265	CYS	30.700	-1000.000	C	Amount:\$ -30,700.00
Item Description: STRUCTURE BACKFILL, TYPE 2 Supplemental Description1: Supplemental Description2:								
0124	0710056	0123	715-96669	LFT	145.970	800.000	C	Amount:\$ 116,776.00
Item Description: WATER MAIN, DUCTILE IRON, 16 IN. Supplemental Description1: Supplemental Description2:								
0246	0710056	0248	211-02050	CYS	8.330	500.000	C	Amount:\$ 4,165.00
Item Description: B BORROW Supplemental Description1: , No. 53 CS, Water Main Supplemental Description2:								
0250	0710056	0251	105-12018	LS	3,728.000	1.000	C	Amount:\$ 3,728.00
Item Description: UTILITY PROTECTION Supplemental Description1: , Polywrap, Water Main Supplemental Description2:								
0251	0710056	0250	715-07794	EACH	759.620	8.000	C	Amount:\$ 6,076.96
Item Description: WATER MAIN CONNECTIONS Supplemental Description1: , Added Field Locks, 16 IN Supplemental Description2:								
0252	0710056	0249	211-09265	CYS	41.690	1000.000	C	Amount:\$ 41,690.00
Item Description: STRUCTURE BACKFILL TYPE 2 Supplemental Description1: , No. 53 CS Supplemental Description2:								

Total Value for Change Order 003 = \$ 159,999.96

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

This change order is being created for increased quantities associated with water main replacement and limestone backfill of ductile iron pipe. During construction 800 LF of additional existing water main was found in conflict with the proposed storm sewer along the north side of 45th St west of Southwood Dr to the proposed shoofly. Existing water main located under the proposed shoofly was planned to be relocated under the contract but this 800 LF of water main outside the limits of the shoofly was not included. Because of the conflict, additional quantities of pipe removal and water main are being added under this change order. Additional water main connections are being added due to the increased quantity of water main. Polywrap sleeve shall be applied over the new water main. Additional field locks shall be used for water main connections. Crushed limestone shall be used as backfill of ductile iron pipe due to concerns of leachate contamination. Ductile iron pipe is also planned for use in conjunction with the permanent dewatering system and lift station which will outfall into Clayhole Lake.

General or Standard Change Order Explanation

An increase to existing items for pipe removal, structure backfill, and water main are included in this change order. An increased quantity of Pipe Remove and 16 IN Ductile Iron Water Main are associated with the existing water main conflict. A decreased estimated quantity of Structure Backfill, Type 2 represents the replacement by crushed limestone structure backfill.

General or Standard Change Order Explanation

New items include B Borrow, structure backfill, water main connections and utility protection. The new item for B Borrow, No. 53 CS, Water Main represents an estimated quantity of limestone for water main backfill only. Since the cost of backfill is included in the cost of water main under the contract, the cost of this item represents the material cost difference between slag and limestone. Bid history analysis was performed, but since the cost for this item represents the material cost difference the results are well below the average and outside the 95 percent limit. The new item for Structure Backfill, Type 2, No. 53 CS represents an estimated quantity of limestone to backfill ductile iron pipe, not including water main. Bid history analysis was performed and the unit price is within the 95 percent range. The new item for Water Main Connections, Added Field Locks, 16 IN represents added field locks at phase breaks. The new item for Utility Protection, Polywrap, Water Main represents the plastic sleeve to be placed over the water main during installation. Bid history analysis was performed, but since there is very little actual comparison the results are outside the 95 percent limit.

General or Standard Change Order Explanation

Pricing for this work under this change order has been deemed reasonable and fair. Attached are change order request forms with markup, work order, bid history analysis, and estimated quantity of structure backfill for ductile iron pipe. No additional time is required under this change order to perform the work. The LPA ERC has confirmed acceptance of this change order, and the INDOT PM has been notified.

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: Walsh Construction

Signed By: _____


Date: December 30, 2019

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

Contract No:B -36229
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Date:11/13/2019
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(SIGNATURE)

APPROVED FOR LOCAL PUBLIC AGENCY

(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
Area Engineer	Beale, Cortney	00/00/0000	Action Pending