

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

**Contract Information**

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

**Change Order Information**

Date Generated: 10/15/2019	Change Order No.: 004	EWA: Y or Force Acct: N
Reason Code: CHANGED COND, Constructability Related	Date Approved: 00/00/0000	
Description: Coated Trenchless Pipe Substitution, STR 120		
Original Contract Amount	\$ 20,538,846.45	
Current Change Order Amount	\$ 6,211.60	Percent: 0.030 %
Total Previous Approved Changes	\$ 0.00	Percent: 0.000 %
Total Change To-Date	\$ 6,211.60	Percent: 0.030 %
Modified Contract Amount	\$ 20,545,058.05	

**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	

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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: 004  
 Change Order Description: Coated Trenchless Pipe Substitution, STR 120  
 Reason Code: CHANGED COND, Constructability Related

CLN	PCN	PLN	Item Code	Unit	Unit Price	CO Qty	Comment	Amount Change
0039	0710056	0039	211-09265	CYS	30.700	-184.000	C	Amount:\$ -5,648.80
<b>Item Description:</b> STRUCTURE BACKFILL, TYPE 2								
Supplemental Description1:								
Supplemental Description2:								
0108	0710056	0107	715-05024	LFT	95.900	-69.500	C	Amount:\$ -6,665.05
<b>Item Description:</b> PIPE, TYPE 2, CIRCULAR, 36 IN.								
Supplemental Description1:								
Supplemental Description2:								
0254	0710056	0253	716-07635	LFT	95.900	69.500	C	Amount:\$ 6,665.05
<b>Item Description:</b> PIPE INSTALLATION TRENCHLESS 36 IN								
Supplemental Description1:								
Supplemental Description2:								
0255	0710056	0254	105-06807	LS	11,860.400	1.000	C	Amount:\$ 11,860.40
<b>Item Description:</b> ADDITIONAL								
Supplemental Description1: , Trenchless Pipe Coating								
Supplemental Description2:								

Total Value for Change Order 004 = \$ 6,211.60

**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 the substitution to steel pipe between drainage structures 120 and 120A via trenchless jack and bore method. Included under the contract, 36 inch concrete pipe was to be installed via traditional, trenching methods. The contractor has elected to install the pipe via trenchless method due to the proposed the pipe depth of 15 feet below existing, and proximity to an existing lift station at the same cost per foot. The steel pipe will be used as a carrier pipe per INDOT SS 716. The Town of Munster has elected to coat all surfaces of the steel pipe with a two part epoxy paint to extend the longevity. The paint used shall be Sherwin Williams Targuard Low VOC Coal Tar Epoxy applied to the inside and outside surfaces. A new lump sum item is included for the paint application cost as Additional, Trenchless Pipe Coating. A new trenchless pipe item is included at the same unit cost for 69.5 LF of the trenched pipe, as a substitution. A quantity of 69.5 LF of 36 inch pipe is being removed from the exiting item for use under the new trenchless pipe item. A quantity of 184 CYS of structure backfill, type 2, is being removed from the existing item due to trenchless pipe installation.

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 form with markup, work order, bid history analysis for trenchless pipe, and plan sheet with markup. The attached bid history analysis is below average since it represents the unit cost of a trenched pipe. No bid history analysis was performed for the additional pipe coating item. The attached plan sheet shows location, distance of pipe to adjacent existing lift station, and depth of pipe installation. 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**

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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: \_\_\_\_\_

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

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APPROVED FOR LOCAL PUBLIC AGENCY

\_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(DATE)

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SUBMITTED FOR CONSIDERATION

PE/S \_\_\_\_\_

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APPROVED FOR INDIANA DEPARTMENT OF TRANSPORTATION

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

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