

**RESOLUTION NO. 2020-65**

Introduced by: Joel Hagy

**A RESOLUTION AMENDING RESOLUTION 2020-19, ADOPTED MARCH 10, 2020, AUTHORIZING THE CITY MANAGER TO ACCEPT CHANGE ORDER NO. 1 FROM SMITH PAVING AND EXCAVATING FOR LABOR AND MATERIALS RELATED TO EXPANSION OF THE US ROUTE 6 PAVING PROJECT NO. ERI-6-17.49 IN AN AMOUNT NOT TO EXCEED FIFTY-FIVE THOUSAND THREE HUNDRED FORTY-ONE AND 63/100 DOLLARS (\$55,341.63).**

**BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HURON, OHIO:**

**SECTION 1.** The City Manager shall be, and he hereby is, authorized and directed to accept Change Order No. 1 from Smith Paving to reflect the additional labor and materials related to expansion of the US Route 6 Paving Project No. ERI-6-17.49, in an increased amount not to exceed Fifty-Five Thousand Three Hundred Forty-One and 63/100 Dollars (\$55,341.63), Change Order No. 1 shall be in substantially the form of Exhibit "A" attached hereto and make a part hereof.

**SECTION 2.** That this Council hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Council and that all deliberations of this Council and of its Committees, if any, which resulted in formal action, were taken in meetings open to the public in full compliance with applicable legal requirements, including O.R.C. §121.22.

**SECTION 3.** That this Resolution shall go into effect, and be in full force and effect, immediately upon its passage.



Sam Artino, Mayor

ATTESTED:

  
Clerk of Council

ADOPTED:

13 OCT 2020





# CTL Engineering, Inc.

## Change Order Details

City of Huron ERI-6-17.49

<b>Description</b>	Resurfacing of U.S. 6 from Williams Street to the Eastern City limits. Included in this project is curbing, decorative crosswalks, sidewalks, upgraded ADA facilities, upgrade signal at Main Street, and remove signal at Berlin Rd.
<b>Prime Contractor</b>	SMITH PAVING & EXCAVATING INC
<b>Change Order</b>	1
<b>Status</b>	Pending
<b>Date Created</b>	07/24/2020
<b>Type</b>	04 CHANGES (NON-PREVENTABLE) TO MEET FIELD CONDITIONS
<b>Summary</b>	Addition of Non-bid items of work
<b>Change Order Description</b>	<p>EXTRA WORK LINE ITEM 1020: Dandy Bags- It is necessary to add a non-bid item of work, dandy bags, to the contract to be used for erosion control purposes on the project. These dandy bags are specified in the approved SWPPP submitted by the Contractor for the project . This item is not listed in the specified Supplemental Specification 832 for this project, but are approved for use by ODOT Office of Construction Management. They are an acceptable product in certain applications and can be used as an alternative. The EPA considers them generally compliant.</p> <p>The Agreed Unit Cost of \$200.68 per each was established using the attached cost analysis submitted by the Contractor. The submitted cost analysis was reviewed and complies with C&amp;MS 109.05.B.5 and the allowable markups. It is accurate and considered to be reasonable to complete the required work. The cost includes installation, removal, and routine maintenance for the duration of the project work and during the time to establish vegetative growth. It also includes any traffic control to safely perform the required installation. See attached cost analysis. All work will be paid at project participation code 01. There will be no delay to the final completion date due to this extra work since the critical path was not affected.</p> <p>EXTRA WORK LINE ITEM 1030: Storm Water Pollution Prevention Plan (SWPPP)- It is necessary to add an item for the SWPPP. Per SS832, the earth disturbed area exceeds the requirement threshold specified for a SWPPP. The Agreed Lump Sum cost was established using the average of 3 prices on similar projects, as allowed by C&amp;MS 109.05.B. See attached. This established cost of \$5100 is considered fair and reasonable for this work. Cost breakdown is: SWPPP - \$1,600; Inspections - \$2,880; Markup/Additional Inspections - \$620; TOTAL = \$5100. All work will be paid at project participation code 01. There will be no delay to the final completion date due to this extra work since the critical</p>

path will not be affected.

EXTRA WORK LINE ITEM 1040: Plastic Caution Tape- For safety reasons, it was necessary to add a non-bid item of plastic caution tape to be placed for the lighting conduit with an estimated length of 6455 LF. The Agree Unit Cost of \$0.60 per LF was established using the attached supporting documentation submitted by the Contractor, in accordance with C&MS 109.05.B. This established cost is considered fair and reasonable for this work.

All work will be paid at project participation code 03. There will be no delay to the final completion date due to this extra work since the critical path will not be affected.

EXTRA WORK LINE ITEM 1050: Valve Box Adjustment in sidewalk, w/special casting- This non-bid item of work was required to adjust the valve box casting in the sidewalk. The sidewalk grade changed in this area at 256+80, Lt. No items were provided in the plans, since this was an existing buried casting. This was needed to meet existing field conditions and water department requirements. The agreed lump sum cost of \$535 was determined by according to C&MS 109.05.B.3, using the average price awarded on 3 different projects of similar work and quantity. This price is considered fair and reasonable for this work. Supporting documentation is attached.

There was no delay to the final completion date due to this extra work since the critical path was not affected. This work will be paid at project participation code 03.

EXTRA WORK LINE ITEM 1060: Catch Basin Reconstructed to Grade- This non-bid item of work was required to reconstruct the catch basin located at 256+02 Lt. The wall of the catch basin was partially collapsed. This item was needed to meet existing field conditions and could not have been seen during plan development, since it was clogged. The agreed lump sum cost of \$1,508.33 was determined according to C&MS 109.05.B, and this price is considered fair and reasonable for this work. Supporting documentation is attached.

There was no delay to the final completion date due to this extra work since the critical path was not affected. This work will be paid at project participation code 03.

EXTRA WORK LINE ITEM 1070: Precast Catch Basin Tops No. 3- This non-bid item of work was required due to the existing deteriorated condition of the catch basins that were to be adjusted to grade per the plans. These existing catch basins were required to be adjusted to grade by increasing the height by approximately 1.5 inches. This was not possible since they contained various levels of deterioration including rotted out I-beams and wood construction. The existing unstable and deteriorated portions will be removed, the new precast top no. 3 installed, and then the frame and grate will be adjusted to the correct grade. This item was needed to meet existing field conditions. The agreed unit cost of \$297.54 each was determined according to C&MS 109.05.B. and this price is considered fair and reasonable for this work. It is estimated that a total quantity of 10 each will be required to complete this work. Supporting documentation is attached.

This extra work could delay the final project completion. The schedule impact will be analyzed following completion of this work to determine if the critical path was effected. This work will be paid at project participation code 03.

EXTRA WORK LINE ITEM 1080: Precast Catch Basin Tops No. 3A - This non-bid item of work was required due to the existing deteriorated condition of the catch basins that were to be adjusted to grade per the plans. These existing catch basins were required to be adjusted to grade by

increasing the height by approximately 1.5 inches. This was not possible since they contained various levels of deterioration including rotted out I-beams and wood construction. The existing unstable and deteriorated portions will be removed, the new precast top no. 3A installed, and then the frame and grate will be adjusted to the correct grade. This item was needed to meet existing field conditions. The agreed unit cost of \$231.99 each was determined according to C&MS 109.05.B. and this price is considered fair and reasonable for this work. It is estimated that a total quantity of 6 each will be required to complete this work. Supporting documentation is attached. This extra work could delay the final project completion. The schedule impact will be analyzed following completion of this work to determine if the critical path was effected. This work will be paid at project participation code 03.

**Awarded Project Amount**      \$2,598,617.70  
**Authorized Project Amount**    \$2,598,617.70  
**Change Order Amount**          \$55,341.63  
**Revised Project Amount**        \$2,653,959.33

## Increases/Decreases

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
Section: 1 - Description									
0013	608E53020	SF	\$41.250	30.000	\$1,237.50	30.000	\$1,237.50	60.000	\$2,475.00
DETECTABLE WARNING									
Reason: increase due to existing field conditions									
Funding Details									
	01/SAF/OT			10.000	\$412.50	0.000	\$0.00	10.000	\$412.50
	02/NHS/PV/HUR			0.000	\$0.00	0.000	\$0.00	0.000	\$0.00



Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
			03/NHS/PV/HUR	20.000	\$825.00	30.000	\$1,237.50	50.000	\$2,062.50
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0201	605E06000	FT	\$5.750	8,242.000	\$47,391.50	-1,658.000	-\$9,533.50	6,584.000	\$37,858.00
4" BASE PIPE UNDERDRAINS									
Reason: non-performed									
Funding Details									
			01/SAF/OT	1,206.000	\$6,934.50	0.000	\$0.00	1,206.000	\$6,934.50
			02/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			03/NHS/PV/HUR	7,036.000	\$40,457.00	-1,658.000	-\$9,533.50	5,378.000	\$30,923.50
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0301	251E01001	SY	\$11.000	5,550.000	\$61,050.00	-5,550.000	-\$61,050.00	0.000	\$0.00
PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN									
Reason: non-performed based on field conditions									
Funding Details									
			01/SAF/OT	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			02/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			03/NHS/PV/HUR	5,550.000	\$61,050.00	-5,550.000	-\$61,050.00	0.000	\$0.00
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0303	255E10161	SY	\$133.000	1,125.000	\$149,625.00	215.000	\$28,595.00	1,340.000	\$178,220.00
FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN									

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount

**Reason:** required to due to field conditions and to meet plan intent

Funding Details									
	01/SAF/OT		0.000		\$0.00	0.000	\$0.00	0.000	\$0.00
	02/NHS/PV/HUR		0.000		\$0.00	0.000	\$0.00	0.000	\$0.00
	03/NHS/PV/HUR		1,125.000		\$149,625.00	215.000	\$28,595.00	1,340.000	\$178,220.00
	04/BRO/BR/HUR		0.000		\$0.00	0.000	\$0.00	0.000	\$0.00
0312	452E10051	SY	\$85.000	8.000	\$680.00	109.000	\$9,265.00	117.000	\$9,945.00
6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, AS PER PLAN									

**Reason:** plan discrepancy

Funding Details									
	01/SAF/OT		8.000		\$680.00	109.000	\$9,265.00	117.000	\$9,945.00
	02/NHS/PV/HUR		0.000		\$0.00	0.000	\$0.00	0.000	\$0.00
	03/NHS/PV/HUR		0.000		\$0.00	0.000	\$0.00	0.000	\$0.00
	04/BRO/BR/HUR		0.000		\$0.00	0.000	\$0.00	0.000	\$0.00
0313	452E12051	SY	\$105.000	135.000	\$14,175.00	659.000	\$69,195.00	794.000	\$83,370.00
8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, AS PER PLAN									

**Reason:** plan discrepancy

Funding Details									
	01/SAF/OT		135.000		\$14,175.00	659.000	\$69,195.00	794.000	\$83,370.00

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
			02/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			03/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0674	625E29000	FT	\$13.000	505.000	\$6,565.00	-250.000	-\$3,250.00	255.000	\$3,315.00
TRENCH									

**Reason:** non-performed

Funding Details									
			01/SAF/OT	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			02/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			03/NHS/PV/HUR	505.000	\$6,565.00	-250.000	-\$3,250.00	255.000	\$3,315.00
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0675	625E29500	FT	\$32.000	16.000	\$512.00	250.000	\$8,000.00	266.000	\$8,512.00
TRENCH IN PAVED AREA, TYPE A									

**Reason:** plan discrepancy

Funding Details									
			01/SAF/OT	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			02/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			03/NHS/PV/HUR	16.000	\$512.00	250.000	\$8,000.00	266.000	\$8,512.00
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
0676	625E30500	EACH	\$650.000	6.000	\$3,900.00	-6.000	-\$3,900.00	0.000	\$0.00
PULL BOX, 725.06, SIZE 1.5									

**Reason:** required increase in size; non-performed and increased line number 677

Funding Details									
	01/SAF/OT	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
	02/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
	03/NHS/PV/HUR	6.000	\$3,900.00	-6.000	-\$3,900.00	0.000	\$0.00	0.000	\$0.00
	04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0677	625E30510	EACH	\$850.000	2.000	\$1,700.00	6.000	\$5,100.00	8.000	\$6,800.00
PULL BOX, 725.06, SIZE 4									

**Reason:** non-performed line number 676, and added to this line number

Funding Details									
	01/SAF/OT	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
	02/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
	03/NHS/PV/HUR	2.000	\$1,700.00	6.000	\$5,100.00	8.000	\$6,800.00	0.000	\$0.00
	04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0752	614E11111	HOURL	\$65.000	70.000	\$4,550.00	-70.000	-\$4,550.00	0.000	\$0.00
LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN									

**Reason:** Non-performed



Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
				Funding Details					
			01/SAF/OT	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			02/NHS/PV/HUR	70.000	\$4,550.00	-70.000	-\$4,550.00	0.000	\$0.00
			03/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
0825	619E16010	MNTH	\$1,700.000	8.000	\$13,600.00	-8.000	-\$13,600.00	0.000	\$0.00
FIELD OFFICE, TYPE B									
Reason: non-performed; not needed									
				Funding Details					
			01/SAF/OT	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			02/NHS/PV/HUR	8.000	\$13,600.00	-8.000	-\$13,600.00	0.000	\$0.00
			03/NHS/PV/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
			04/BRO/BR/HUR	0.000	\$0.00	0.000	\$0.00	0.000	\$0.00
12 items			Totals		\$304,986.00		\$25,509.00		\$330,495.00

## New Items

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
Section: 1 - Description					
1020	990E40000	EA	72.000	\$200.680	\$14,448.96
AGREED UNIT PRICE: Dandy Bags- erosion control					

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
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**Reason:** no item in SS832

Funding Details
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01/SAF/OT	72.000	\$200.680	\$14,448.96
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1030	832E15000	LS	1.000	\$5,100.000	\$5,100.00
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STORM WATER POLLUTION PREVENTION PLAN

**Reason:** no item SWPPP included in plans, but is required

Funding Details
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01/SAF/OT	1.000	\$5,100.000	\$5,100.00
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1040	625E36000	FT	6,455.000	\$0.600	\$3,873.00
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PLASTIC CAUTION TAPE:

**Reason:** Added for safety

Funding Details
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01/SAF/OT	6,455.000	\$0.600	\$3,873.00
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1050	990E30000	LS	1.000	\$535.000	\$535.00
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AGREED LUMP SUM: Valve Box Adjustment in sidewalk, w/special casting

**Reason:** needed to meet existing field conditions and sanitary sewer requirements

Funding Details
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03/NHS/PV/HUR	1.000	\$535.000	\$535.00
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1060	611E98634	EACH	1.000	\$1,508.330	\$1,508.33
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Line Number	Item ID	Unit	Quantity	Unit Price	Extension
CATCH BASIN RECONSTRUCTED TO GRADE:					
<b>Reason:</b> needed to meet existing field conditions					
			Funding Details		
		03/NHS/PV/HUR	1.000	\$1,508.330	\$1,508.33
1070	990E40000	EA	10.000	\$297.540	\$2,975.40
AGREED UNIT PRICE: Precast Catch Basin Tops No. 3					
<b>Reason:</b> needed to meet existing field conditions					
			Funding Details		
		03/NHS/PV/HUR	10.000	\$297.540	\$2,975.40
1080	990E40000	EA	6.000	\$231.990	\$1,391.94
AGREED UNIT PRICE: Precast Catch Basin Tops No. 3A					
<b>Reason:</b> needed to meet existing field conditions					
			Funding Details		
		01/SAF/OT	6.000	\$231.990	\$1,391.94
7 items					Total: \$29,832.63

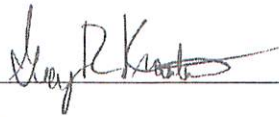
## Funding Summary

Fund Package	Original Amount	Authorized Amount	Pending Change	Revised Amount
01/SAF/OT	\$436,351.10	\$436,351.10	\$103,273.90	\$539,625.00
02/NHS/PV/HUR	\$766,698.60	\$766,698.60	-\$18,150.00	\$748,548.60

Fund Package	Original Amount	Authorized Amount	Pending Change	Revised Amount
03/NHS/PV/HUR	\$1,383,068.00	\$1,383,068.00	-\$29,782.27	\$1,353,285.73
04/BRO/BR/HUR	\$12,500.00	\$12,500.00	\$0.00	\$12,500.00
4 fund packages	\$2,598,617.70	\$2,598,617.70	\$55,341.63	\$2,653,959.33

## Attachments

Document	Name	Description	Submission Date
200521_miller_cable_letter.caution_tape.pdf	200521 miller cable letter.caution tape.pdf		10/02/2020 05:41 PM EDT
dandy_bag_cost_analysis.pdf	dandy bag cost analysis.pdf		10/02/2020 05:39 PM EDT
dandy_bag_material_cost.pdf	dandy bag material cost.pdf		10/02/2020 05:39 PM EDT
Historical_Bid_Data_Item_Search__2016-2020__-_CB_Reconstruct.pdf	Historical Bid Data Item Search (2016-2020) - CB Reconstruct.pdf		10/03/2020 02:03 PM EDT
Madelien_Rospert_Huron_ERI-6-17.pdf	Madelien Rospert_Huron ERI-6-17.pdf		10/03/2020 02:03 PM EDT
precast_tops_3.3A_costs.pdf	precast tops 3.3A costs.pdf		10/05/2020 10:21 AM EDT
summary_of_contracts_awarded.item_625_plastic_caution_tape1.pdf	summary of contracts awarded.item 625 plastic caution tape1.pdf		10/02/2020 05:41 PM EDT
swppp_avg_award_pricing.pdf	swppp avg award pricing.pdf		10/02/2020 05:39 PM EDT
valve_box_atg_avg_award_price.pdf	valve box atg avg award price.pdf		10/03/2020 01:56 PM EDT
9 attachments			



10/5/2020

Gregory R. Kronstain, P.E. - CTL Engineering, Inc.

Date



10/15/20

Maddie Rospert- Smith Paving and Excavating, Inc.

Date



10/14/2020

Doug Green- OHM-Advisors/City of Huron

Date

Mike Spafford, City of Huron