



Department of Engineering

August 25, 2020

Board of Public Works & Safety
10 South State Street
Greenfield, IN 46140

Dear Members,

We contracted with Kindred Excavating for the Hancock County Jail Utility Extension. The project was bid in November 2019 and is within a few weeks of final completion.

As you may recall, in the last change order, we executed a time and material agreement to remove the oil contaminated soils at 4217 E US 40 (Greenfield Tent). We weren't sure how many tons were there so we estimated 500 tons. The final quantity was 838 tons, verified by dump tickets.

During the installation of the 120' long water service lines that serve the houses on the south side of US 40, it was found that the pressure loss was significant enough that the design engineer recommended upgrading the ¾" lines to 1" lines.

Finally, our plans showed that the sanitary would cross CR 440 E near the jail site at the north end of the project. It was unknown at the time of the plans if the road was going to be complete, so we assumed an open cut situation, similar to the water line crossing at US 40/CR 440 E. Just as before, we felt that boring under the road would be a better solution to cutting and patching the existing road.

I would like to ask for approval of Change Order #3 for Kindred Excavating in the not-to-exceed increased amount of \$45,523.08 for a new contract total not to exceed \$985,573.89 with an additional 60 day extension to the completion dates.

Contract Summary		
Original Contract Amount	\$ 903,904.42	
Change Order #1	\$ 4,392.60	+ 0.49% increase
Change Order #2	\$ 31,523.08	+ 3.49% increase
Change Order #3	\$ 45,753.79	+ 5.06% increase
Total Revised Contract	\$ 985,573.89	
Current Substantial Completion Date	July 1, 2020	
Revised Substantial Completion Date	September 1, 2020	
Current Final Completion Date	August 1, 2020	
Revised Final Completion Date	October 1, 2020	

Sincerely,


Jason A. Koch, P.E.
City Engineer

**HANCOCK CO JAIL UTILITY EXTENSION
Greenfield, Indiana**

Change Order

No. 3

Date of Issuance: 8/25/2020 Effective Date: 8/25/2020

Project: Hancock Jail Utility Extension	Owner: City of Greenfield	Owner's Contract No.: 19-WT-02 & 19-SN-01
Contractor: Kindred Excavating		Date of Contract: November 11, 2019

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

Description:

Change deals with the unforeseen encounter and removal of contaminated soils, upgrading water service lines from 3/4" to 1", and changing from open cutting to boring under CR 440 E

Attachments (list documents supporting change):

WDC #3

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIMES:

Original Contract Price:

\$ 903,904.42

Original Contract Times: Working days Calendar days

Substantial completion (days or date): June 1, 2020

Ready for final payment (days or date): July 1, 2020

Contract Price prior to this Change Order:

\$ 939,820.10

Contract Times prior to this Change Order:

Substantial completion (days or date): June 1, 2020

Ready for final payment (days or date): July 1, 2020

Increase of this Change Order:

\$ 45,753.79

Increase of this Change Order:

Substantial completion (days or date): 60 days

Ready for final payment (days or date): 60 days

Contract Price incorporating this Change Order:

\$ 985,573.89

Contract Times with all approved Change Orders:

Substantial completion (days or date): September 1, 2020

Ready for final payment (days or date): October 1, 2020

RECOMMENDED:

By: Jason Koch
Jason Koch, City Engineer

Date: _____

ACCEPTED:

By: _____
Chuck Fewell, Chairman BOPW

Date: _____

ACCEPTED:

By: _____
Kindred Excavating

Date: _____

ATTEST:

By: _____
Lori Elmore, Clerk-Treasurer

Date: _____

ATTEST:

By: _____
Kindred Excavating

Date: _____

CITY OF GREENFIELD

TO: Kindred Excavating
4231 S 800 W
New Palestine, IN 46163

WORK DIRECTIVE CHANGE NO.: 3
DATE: August 20, 2020
PROJECT NAME: Jail Utility Extension
PROJECT NO.

Technical/Standard Specification Reference:

Drawing Reference: Drawing Date:

DESCRIPTION OF WORK COVERED BY THIS DIRECTIVE CHANGE:

1) Prior CO authorized 500 tons of contaminated soil removal found at 4217 E US 40 - final quantity was 838 tons. 2) The 3/4" 120' long service lines that fed the south side houses from the north side of US 40 was found to be insufficient with the pipe losses. The engineer redesigned the service lines to be 1" to restore proper pressure. 3) To avoid cutting into CR 440 E, we decided to bore the sanitary crossing at the north end of the project instead of open cutting and patching the new pavement

Table with 6 columns: Item No., Description, Unit, Unit Price, Quantity, Amount. Includes rows for NWI 42 (Contaminated Soil Removal), NWI 43 (Long Water Service Line), NWI 44 (HDD for 8" Sanitary crossing), 9A (PVC SDR 35 Sewer), and 10 (3/4-in Water Service Lines). Summary rows at the bottom show Subtotal this Sheet = \$45,753.79 and WDC Total = \$45,753.79.

REASON FOR THIS ORDER:

T&M quantity balance, service line upgrades, boring sanitary to avoid cutting CR 440 E

AUTHORIZATION:

THIS WORK DIRECTIVE CHANGE AUTHORIZES THE WORK TO BE COMPELTED AS OUTLINED. A Contract Change Order in the estimated not to exceed amount of \$45,753.79 will be issued to you in the near future to cover this Work Directive Change.

PROJECT COMPLETION DATES: unchanged Intermediate Completion 0 calendar days
unchanged Substantial Completion 60 calendar days

By: Project Manager

By: Jason Koch City Engineer

Kindred Excavating

4231 S 800 W
New Palestine, IN 46163
(317) 750-8402

Time and Material Agreement

RATES EFFECTIVE THROUGH 12/31/2020

LABOR	Per Hour	Hours	Price
Laborer(s)	\$45.00	5.0	\$225.00
Operator(s)	\$65.00	56.0	\$3,640.00
TRUCKING	Per Hour	Hours	Price
Triaxle w/Driver	\$115.00	37.0	\$4,255.00
Lowboy Transport (Each Way)	\$375.00		\$0.00
EQUIPMENT	Per Hour	Hours	Price
25 Ton Excavator (Or Similar Size & Model)	\$135.00	35	\$4,725.00
50 Ton Excavator (Or Similar Size & Model)	\$175.00	15	\$2,625.00
D5 Dozer (Or Similar Size & Model)	\$105.00	2	\$210.00
Road Plates - 2 Plates (Weekly Billing)	\$6,000.00		\$0.00
Roller	\$50.00	4	\$200.00
Vac Hydro Excavating (Minimum 4 Hours) DUMP FEE & WATER SEPERATE	\$265.00		\$0.00
Small Tools	\$50.00		\$0.00
Miscellaneous	Per Unit	Units	Price
Soil Testing	\$1,650.00	1	\$1,650.00
Dump Fee	\$35.00	838.09	\$29,333.15
Water Fill - For Hydro Excavating	\$65.00		\$0.00
Fill Material(Grannular) - Rerocking Driveway from Oil Dirt Runoff	\$35.00	72	\$2,520.00
Fill Material(Dirt)	\$25.00		\$0.00

\$49,383.15

LABOR AND EQUIPMENT RATES INCLUDE OVERHEAD AND PROFIT.

SEE ABOVE FOR MATERIALS AND RENTED EQUIPMENT.

I DO HEREBY AUTHORIZE KINDRED EXCAVATING TO PERFORM THE WORK DESCRIBED AS: _____

ON A TIME & MATERIAL BASIS AS AGREED BY THE RATES AND METHOD OF INVOICING AS SHOWN.

OWNER'S SIGNATURE

DATE

8/13/2020

Kindred Excavating

4231 S 800 W

New Palestine IN 46163

ATTENTION ON BID - Jake Luther

765-318-0922

ATTENTION ON SITE - John Kindred

317-750-8402

Water Service Size Change

Attn - City of Greenfield

Domestic Water Size Upgrade - 3/4" to 1" Domestic

Item	Description	Quantity	Measure	Total	Unit price
1	Bore Removal and Supply Change - 3 Guys 5.5 hours each, 2 Guys 1 hour each, Service truck 1 Hour	18.5	Hrs	\$ 922.50	\$ 47.31
2	Remove 3/4" Line	390	L/F	\$ 1,950.00	\$ 5.00
3	1" Connectors, Adapters, Etc. - Overnight Shipping Order	27	E/A	\$ 2,533.95	\$ 93.85
4	1" Water Service Lines - L/F	1170	L/F	\$ 16,965.00	\$ 14.50
Subtotal				\$ 22,371.45	
Contract Credit					
1	3/4" Water Service Lines - L/F	-900	L/F	\$(10,926.00)	\$ 12.14
* Crediting 390 Feet less since 3 Lines @ 130LF each had already been shot prior to change and had to be removed and Restarted					
Total cost and gross bid column				\$ 11,445.45	

Earthwork; Topsoil and/or demolition subgrade is based on an average 6" depth. All cut material is qualified as being suitable for reuse as structural fill. In the event the topsoil is excessive and/or the cut material is unsuitable, the above quantities will become inaccurate. At this point we will request direction from the soil engineer for a soil remediation plan that will be executed via signed change order by the project manager governed by the unit prices provided in the below table.


Export of excess materials; Qualified as STRUCTURAL MARKETABLE MATERIAL WITHIN OPTIMUM MOISTURE, unless indicated via line item within the body of the proposal.

Export of excess materials; Qualified as STRUCTURAL MARKETABLE MATERIAL WITHIN OPTIMUM MOISTURE, unless indicated via line item within the body of the proposal.

Wall overcut/backfill; Excluded unless shown as a line item within the body of the proposal

		Site quantities; Do not include other subcontractors spoils, (l,e), footers, columns, swimming pools, elevators shafts, storage tanks etc. unless shown as a line item within the body of the proposal.			
		Fine grading; Conventional equipment only, plus or minus 10th, laser grading, scarifying, recompacting the top 12" of subgrade excluded unless shown as a line item within the body of the proposal.			
		Down spout connections; Excluded unless shown as a line item within the body of the proposal.			
		Storm pipe bedding; Installed via manufactures recommendations on suitable soil unless stone bedded is indicated via line item within the body of the proposal.			
		Storm & Sanitary precast structures; Wraps, epoxy sealants, vapor/gas monitoring and pressure testing are all excluded unless indicated via line item within the body of the proposal.			
		The following are all excluded unless indicated as a line item within the body of the proposal;			
		Permitting, bonding, fees; soil testing. Mass-trench-rip rock, field rock, large unusable boulders. Unsuitable soil excavation. Engineering layout, soil stabilization agents; (l, e. lime concrete mix etc.) As built drawings			
		including detention pond verifications. Scarifying wet soils, watering dry on site soils. Utility disconnect, reconnect, reroute. Removal of erosion control items. Working around and/or through unknown existing utilities			
		will constitute additional charges. Asbestos abatement, temporary bracing of any kind.			
		Unit prices			
Item		Description	Quantity		Unit price
1		Preblast survey; (Priced seperately)	L/S		
2		Drill rig mobilization	E/A		\$ 10,000.00
3		Minimum rock removal charge	L/S		\$ 7,500.00
4		Mass rock, blast, excavation, utilize on site	C/Y		\$ 75.00
5		Trench rock, blast, excavation, utilize on site	C/Y		\$ 100.00
6		Rip rock, blast, excavation, utilize on site	C/Y		\$ 50.00
7		Under cut, demuck unsuitable soil, waste on site	C/Y		\$ 7.00
8		Excavate and Export Excess Dirt	C/Y		\$ 7.00
9		Non woven geotextile fabric placement	SQ/YD		\$ 5.00
10		6" perforated PVC sock drain (French drain)	L/F		\$ 34.00
11		Import structural fill material, replacing unsuitable	C/Y		\$ 20.00
		Export off site;			

Add \$ 18.00 per cubic yard to line items 4-5-6-7 in the event the material is exported off site.

Manufactured stone prices						
Item	Description	Quantity				Unit price
1	Import, place GAB, (Crush n run)	TN				\$ 40.00
2	Import, place #57 stone	TN				\$ 43.00
3	Import, place #4 stone	TN				\$ 40.00
4	Import, place Surge stone	TN				\$ 80.00
5	Import, place Type III Rip Rap	TN				\$ 120.00
<p>This quote is valid for 30 days. Surcharges for volatile unstable material cost; i.e PVC-D/I/P-RCP, diesel fuel etc. resulting in higher cost will constitute additional charges.</p> <p>The amounts, units and prices included in this bid will supercede any ambiguous contract language around site conditions, "professional site upkeep," material, and labor costs. This is INCLUDING, but not limited to, all listed unit prices above if extra need be removed.</p>						
<p>General Contractor Signature</p>						
						

7/8/2020

Kindred Excavating

4231 S 800 W

New Palestine IN 46163

ATTENTION ON BID - Jake Luther

765-318-0922

ATTENTION ON SITE - John Kindred

317-750-8402

Sewer Line Bore Addition

Attn - City of Greenfield

HDD Bore Addition

Item	Description	Quantity	Measure	Total	Unit price
2	Horizontal Directional Drill - Requiring Certalock - Yellowmine Bore pipe - Bore Subcontractor	73	L/F	\$ 12,090.99	\$ 165.63
2	Horizontal Directional Drill - Bore Pits and Kindred Hourly	1	L/S	\$ 7,332.20	\$ 7,332.20
3	Hydroexcavation - For utility Location	5	Hrs	\$ 1,245.00	\$ 249.00
Subtotal				\$ 20,668.19	
Contract Credit					
1	9 - PVC SDR 35 Sewer, 8", 6-8', Granular Backfill	-73	L/F	\$ (6,643.00)	\$ 91.00
Total cost and gross bid column				\$ 14,025.19	


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4	Import, place Surge stone	TN			\$ 80.00	
5	Import, place Type III Rip Rap	TN			\$ 120.00	
<p>This quote is valid for 30 days. Surcharges for volatile unstable material cost; i.e PVC-D/I/P-RCP, diesel fuel etc. resulting in higher cost will constitute additional charges.</p>						
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<p>General Contractor Signature</p>						
						

Kindred Excavating

4231 S 800 W
New Palestine, IN 46163
(317) 750-8402

Time & Material

Sewer Bore Pits, Backfill and Bore Team Assistance
For Work Completed July 2020/August 2020

RATES EFFECTIVE THROUGH 12/31/2020

LABOR	Per Hour	Hours	Price	Description/Comparison Rates
Laborer(s) - 2 Employees	\$40.00	24.0	\$960.00	(\$25/hr +\$15 Ins & Benefits)
Operator(s)	\$58.50	12.0	\$702.00	(\$35/hr +\$15 Ins & Benefits + \$8.5 Truck Allowance)
TRUCKING	Per Hour	Hours	Price	
Triaxle w/Driver	\$100.00		\$0.00	
Lowboy Transport (Each Way)	\$337.50		\$0.00	
EQUIPMENT	Per Hour	Hours	Price	
Front Wheel Loader	\$103.25	2.0	\$206.50	MacAllister Price - \$825/day + Delivery & Cleaning Fee
25 Ton Excavator (Or Similar Size & Model)	\$232.00	10.0	\$2,320.00	MacAllister Price - \$1850/day + Delivery & Cleaning Fee
Trailer Power Plant / Generator	\$76.13	12.0	\$913.50	Franklin Equipment Price - \$608.28/day + Delivery & Cleaning Fee
2"-4" Pumping	\$31.82	12.0	\$381.82	Sunbelt Rentals - \$254.56 /Per Day
Service Truck	\$45.45	2.0	\$90.91	
Small Tools	\$45.45	24.0	\$1,090.91	
Miscellaneous	Per Unit	Units	Price	
Subtotal			\$6,665.64	
Markup		10%	\$666.56	
Total				\$7,332.20

LABOR AND EQUIPMENT RATES INCLUDE OVERHEAD AND PROFIT.

SEE ABOVE FOR MATERIALS AND RENTED EQUIPMENT.

I DO HEREBY AUTHORIZE KINDRED EXCAVATING TO PERFORM THE WORK DESCRIBED AS: _____ ON A TIME & MATERIAL BASIS AS AGREED BY THE RATES AND METHOD OF INVOICING AS SHOWN.

General Contractor/

Owner's Signature

DATE