2

SUBJECT: MCCOY'S CREEK CHANNEL IMPROVEMENTS/RESTORATION – PHASE 1A

BID #: CF-0396-22 **OPEN DATE:** 6 JULY 2022

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION CONTRACT – ONE (1) YEAR FROM OCTOBER 1, 2020 WITH THREE (3) ONE (1) YEAR RENEWAL OPTIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 27 **NUMBER RECEIVED:** 3 **OTHER:** 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommended approval to increase the award with Kiewit Infrastructure South Co. (Contract# 71931-22), in the amount of $2,101,995.04 to implement change order #2 for additional scope of work ash remediation and unforeseen conditions. The revised not-to-exceed expenditure amount is $27,066,968.19.

Funding Source: to be encumbered by multiple accounts (see attachment "A")
To be executed by formal change order #2 through the Office of General Counsel.

ATTACHMENTS: Recommendation Memo, Change Order#2, Previous Awards

ANALYST: _____
Benjamin Kemp

RESPECTFULLY SUBMITTED: _____
DUSTIN FREEMAN, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: NINA SICKLER, P.E., Director of Public Works

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

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City of Jacksonville, Florida

Donna Deegan, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
Jacksonville.gov

A NEW DAY

April 4, 2024

TO: Dustin Freeman
Chief of Procurement

THRU: Nina Sickler, P.E.
Director of Public Works

FROM: Steven D. Long, Jr., P.E.
Director of Operations

Thomas G. McKnight
Capital Improvement Construction Manager

SUBJECT: Change order #2 Contract 71931-22/ PO 645001-22 BID# CF-0396-22
Kiewit Infrastructure South Co.
McCoy's Creek Channel Improvements/Restoration Phase 1A

The subject contract was awarded under BID# CF-0396-22 in the amount of $23,515,253.50 to Kiewit Infrastructure South Co, Contract POA 71931-22/ PO 6645001-22. Change order #1 was for $1,449,719.65. Change Order #2 is detailed on the attached worksheet in the amount of $2,101,995.04.

Accordingly, this is to recommend approval for Change Order #2 for the McCoy's Creek Channel Improvements/Restoration Phase 1A in the amount of $2,101,995.04, thereby increasing the maximum indebtedness to $27,066,968.19.

Funding for the change order to be encumbered as follows:

Account	TOTAL
See Attached	$2,101,995.04

SDL/lw

Attachments

cc: Aaron Heric, Engineering and Construction Management

NBR	MASTER ITEM DESCRIPTION	QUANTITY	UOM	UNIT COST	NET ADDITION	NET DELETION	TOTALS
	UNFORESEEN CONDITIONS						
1	UNFORESEEN ASH REMEDIATION						
	ASH REMEDIATION	4579.730	CY	$329.73	$1,510,074.37		
	ASH-IMPACTED SOIL TRANSPORTATION (EST. 0.84 TN = 1 CY)	17436.830	TN	$20.00	$348,736.60		
	NET TOTAL						**$1,858,810.97**

JUSTIFICATION: This change order issue is an extension of Change Order No. 1 Issue No. 1. During the creek construction, unforeseen locations of ash materials were discovered in several locations within the project and required remediation to facilitate the creek construction. The unit price to perform the ash remediation was established in Change Order No. 1. based on the Contractor's price proposal. Ash-Impacted Soil Transportation to the landfill will be paid for at the existing contract unit price based on the actual tonnage delivered to the landfill. The ash remediation pay quantity volume will be determined by survey of the insitu ash materials prior to excavation and then a subsequent survey of the excavation after the ash material's removal.

2	UNFORESEEN CONCRETE AND CONSTRUCTION DEBRIS						
	CR #4: CONCRETE AND DEBRIS EXCAVATION, HANDLING, DISPOSAL FROM 11/30/22 TO 2/21/23	1.000	LS	$26,907.22	$26,907.22		
	CR #10: CONCRETE AND DEBRIS EXCAVATION, HANDLING, DISPOSAL FROM 3/20/23 TO 6/3/23	1.000	LS	$44,701.41	$44,701.41		
	NET TOTAL						**$71,608.63**

JUSTIFICATION: During the creek widening excavation, excessive concrete and other construction debris were found buried in various existing embankment areas along the existing creek throughout the project limits. In RFI No. 11, the EOR provided guidance on the repurpose and placement of the debris materials within the project limits. However, the amount of debris eventually exceeded the available areas for repurposement. In RFI No. 23, the Contractor was advised to dispose of the remaining debris materials through a concrete recycler. The Contractor is to be compensated for the unforeseen excavation, handling, placement, disposal, and all associated work through tracked time and materials recorded during the performance of this work. This change order issue's compensation encompasses all debris related work as described herein between the dates of 11/30/22 to 6/3/23.

3	CR #6 UNFORESEEN ASH EXPLORATION FROM 1/3/23 TO 2/2/23	1.000	LS	$9,691.69	$9,691.69		
	NET TOTAL						**$9,691.69**

JUSTIFICATION: During the creek widening excavation, locations of unforeseen ash were discovered in various locations throughout the project limits. The Contractor was requested to perform exploratory soft digs in these locations to assess the limits of the ash material, and allow the material to be XRF tested to determine the contamination levels. This change order issue's compensation encompasses all associated ash exploration work between the dates of 11/3/23 to 2/2/23. The Contractor is to be compensated for the exploration work through tracked time and materials recorded during the performance of this work.

4	CR #7: TRUCKING BACKFILL FROM BELLINGHAM	1.000	LS	$43,755.67	$43,755.67		
	NET TOTAL						**$43,755.67**

JUSTIFICATION: During the creek widening excavation in the approx. STA 122+00 to STA 125+00 (RT) area, unforeseen ash materials and a concrete structure were encountered. At that time, the remediation plan for unforeseen ash materials was not finalized, so the excavation and remediation of those materials could not proceed. The ash materials occupied an anticipated fill material source location that was needed to backfill the existing ponds in the approx. STA 100+00 to STA 114+00 area for the new creek construction. The Contractor chose to haul excavated fill materials from the east end of the project to the west end of the project to continue the pond backfill operation. The Contractor is to be compensated for the additional on-road trucking costs to haul fill material from the east to west ends of the project. The Contractor has provided a credit for the anticipated onsite off-road fill material hauling that was replaced by the on-road hauling.

	TOTAL UNFORESEEN CONDITIONS						**$1,983,866.96**

NBR	MASTER ITEM DESCRIPTION	QUANTITY	UOM	UNIT COST	NET ADDITION	NET DELETION	TOTALS
	ADDED SCOPE OF WORK						
1	CR #5: UTILITY EXPLORATORY SOFT DIGS	1.000	LS		$65,237.55		
	NET TOTAL						**$65,237.55**
	JUSTIFICATION: Some of the necessary utility relocations were not completed before construction began on the project. Multiple utility conflict points with the project's proposed creek restoration features and infrastructure were identified after construction began. The Contractor chose to perform utility exploration soft digs in utility conflict locations of concern to verify the utility locations and provide information for conflict resolution. The COJ & EOR used the utility soft dig information in multiple RFI issues and utility company relocation coordination. The Contractor is to be compensated and reimbursed for the utility soft dig work that was performed in the utility conflict locations of concern that were provided to the Contractor.						
2	CR #9: HEYWOOD DOWLING DRIVE ROADWAY MAINTENANCE	150.000	SY	$36.00	$5,400.00		
	NET TOTAL						**$5,400.00**
	JUSTIFICATION: The existing Heywood Dowling Drive limerock roadway surface experienced continued erosion and potholing during construction due to increased traffic from the project's King Street Bridge detour. To maintain a good roadway condition, the Contractor was requested to periodically add limerock fill material and regrade the roadway surface. The Contractor is to be compensated for the limerock material costs and regrading work through 8/14/23 at the accepted unit price.						
3	CR #11: EXISTING DRAINAGE PIPE MODIFICATIONS (VRSS WALL 2A)	1.000	LS		$24,515.65		
	NET TOTAL						**$24,515.65**
	JUSTIFICATION: During excavation of the existing embankment in the STA 122+50 (LT) area, an existing unforeseen 18" CMP and 36" RCP drainage pipe were discovered. The EOR reviewed the drainage pipes as part of RFI Nos. 10 & 41 and determined they had to remain in service and incorporated into VRSS Wall #2A. A MES design was developed to incorporate the drainage pipes into the VRSS wall. The Contractor is to be compensated for the construction of the 18" & 36" MES through tracked time and materials recorded during the performance of this work.						
4	CR #12: MISCELLANEOUS	1.000	LS		$2,778.95		
	NET TOTAL						**$2,778.95**
	JUSTIFICATION: Miscellaneous items include 1) Abandoned Well Removal at King Street; 2) West Pond Drainage Structure Removal; 3) Ditch Tie-In & Washout Issues at VRSS Wall 2A; and 4) Exploratory Digs at Bellingham. The abandoned well and drainage structure were in conflict with the proposed grading and needed to be removed. The Contractor graded and placed additional erosion control (riprap and RECP) to temporarily alleviate washout issues near the toe of VRSS Wall 2A. The Contractor performed exploratory digs to determine the limits of ash discovered at Bellingham.						
5	CR #13: KING STREET BRIDGE MOT EXTENSION	1.000	LS		$4,326.74		
	NET TOTAL						**$4,326.74**
	JUSTIFICATION: The King Street Bridge detour MOT devices and maintenance period that was included in Change Order No. 1 Issue No. 2 will expire on 9/1/2023. The detour's MOT devices and their maintenance are to be extended to 12/31/2023 until the King Street Bridge construction contractor arrives onsite and can assume responsibility for the detour. The Contractor is to be compensated for the extended detour MOT device costs and maintenance during this period.						

NBR	MASTER ITEM DESCRIPTION	QUANTITY	UOM	UNIT COST	NET ADDITION	NET DELETION	TOTALS
6	CR #14: 60" DRAINAGE PIPE MITERED END SECTION						
	60" MITERED END SECTION (MES) CONSTRUCTION	1.000	LS		$14,523.69		
	60" PIPE PLUG (CONTINGENCY ITEM)	1.000	LS		$1,345.50		
	NET TOTAL						**$15,869.19**

JUSTIFICATION: The project plans show the partial removal of an existing 60" drainage pipe for the creek widening at approximate STA 151+50 (RT). However, the plans did not detail a new end treatment for the drainage pipe to incorporate it into the new creek slope. Following RFI #035, the EOR added a 60" MES to the drainage pipe in this location. The Contractor is to be compensated to construct a MES on the remaining existing drainage pipe in accordance with FDOT Standard Plan 430-021. The 60" Pipe Plug contingency line item is only to be paid if found to be necessary and used by the Contractor during the MES construction.

TOTAL ADDED SCOPE OF WORK **$118,128.08**

SUBTOTAL CHANGE ORDER NO. 2	**$2,101,995.04**	**$0.00**	
NET TOTAL CHANGE ORDER NO. 2			**$2,101,995.04**
TOTAL TIME EXTENSION			**0 DAYS**

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ATTACHMENT "A"

ACCONT NUMBERS

MCCOY'S CREEK IMPROVEMENTS/RESTORATION PHASE 1

ACCOUNT NO.	PO 645001-22	PO 645001-22 NFWF	PO 645001-22	PO 645001-22
	32111.153119.565051.006206.00.00.00	33101.153101.565050.006202.00.00.00	32111.153101.565051.006202.00.00.00	32111.153119.565051.005386.00.00.00
	006206	006202	006202	005386
	PWCP Public Works Various Capital Projects - Other General Governmental Services	PWCP Public Works Capt'l Proj- Otr Trans Svcs	PWCP Public Works Capt'l Proj- Otr Trans Svcs	PWCP Public Works Various Capital Projects - Other General Governmental Services
	565050	565050	565051	565051
	1	2	1	
		33101-331900-PWEN22003	32111-384020	32111-384020
original contract	$13,338,076.19	$4,300,000.00	$73,357.31	$2,375,605.14
Adjustment	($1,266,100.01)	$0.00	$0.00	$0.00
change order #1	$0.00	$0.00	$0.00	$0.00
change order #2	$180,009.97	$0.00	$0.00	$4,552.94
Account Totals	$12,251,986.15	$4,300,000.00	$73,357.31	$2,380,158.08

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ATTACHMENT "A"
ACCONT NUMBERS
MCCOY'S CREEK IMPROVEMENTS/RESTORATION PHASE 1

PO 645001-22	PO 645001-22 SJR	PO 645001-22 KING	PO 645001-22 Bulkhead
32111.153119.565051.005384.00.00.00	33101.153109.565050.009164.000.000.00	32111.153101.565051.006210.00.00.00	32111.153101.565051.006200.00.00.00
005384	009164	006210	006200
PWCP Public Works Various Capital Projects - Other General Governmental Services	PWCP Public Works Capital Projects - Water-Sewer Combination Services	PWCP Public Works Capt'l Proj- Otr Trans Svcs	PWCP Public Works Capt'l Proj- Otr Trans Svcs
565051	565050	565051	565051
1	1	1	1
32111-384020	33101-334392-PWS07820	32111-384020	32111-384020
$3,428,214.86	$0.00	$0.00	$0.00
$0.00	$1,266,100.01	$0.00	$0.00
$0.00	$0.00	$326,947.95	$1,122,771.70
$3,134.21	$16,734.13	$9,726.74	$1,551,402.02
$0.00			
$3,431,349.07	$1,282,834.14	$336,674.69	$2,674,173.72

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ATTACHMENT "A"
ACCONT NUMBERS
MCCOY'S CREEK IMPROVEMENTS/RESTORATION PHASE 1

PO 645001-22 Bulkhead	Contract Totals
35103.153119.565050.001406.00.00.00	
001406	
PWCP Public Works Various Capital Projects - Other General Governmental Services	
565050	
3	
35103-338010	
$0.00	$23,515,253.50
$0.00	$0.00
$1,122,771.70	$2,572,491.35
$336,435.03	$2,101,995.04
$1,459,206.73	$28,189,739.89

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VIA Consulting Services, Inc.

Engineering, Administration and Inspection Services

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Unforeseen Conditions No. 1
Change Request No. 3.1: Additional Unforeseen Ash Remediation
Change Request No. 3.2: Additional Ash-Impacted Soil Transportation

Total Amount of this Change Request ..... $ 1,858,810.97
Time Extension ..... 0 Days

Attachments

Contractor's Request ..... $ 1,510,074.37 (Accepted)
CR #3.1 Engineer's Estimate ..... $ 1,159,376.34
CR #3.2 Engineer's Estimate ..... $ 348,736.60 (Accepted)

10250 Normandy Blvd., Suite 304, Jacksonville, FL 32221
www.via-cs.com

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Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

Unforeseen Ash Remediation CO Summary

Area	Status	Area Included in CO #1 Est.	KISC		VIA	
			Volume (CY)	Total Cost	Volume (CY)	Total Cost
Radio Bldg Cul-de-sac	Complete	Yes	237.70	$ 78,376.82	234.24	$ 77,235.96
Margaret Street	Complete	No	263.77	$ 86,972.88	270.89	$ 89,322.03
VRSS Wall 3A	Complete	Yes	2918.95	$ 962,465.38	2484.45	$ 819,199.26
Stockton West	Complete	Yes				
VRSS Wall 2A	Complete	Yes	4023.74	$ 1,326,747.79	3357.38	$ 1,107,027.34
Bellingham Marine #1	Complete	No	25.57	$ 8,431.20	59.17	$ 19,511.47
		Total	7469.73	$ 2,462,994.07	6406.14	$ 2,112,296.04
		CO #1 Total	2890.00	$ 952,919.70	2890.00	$ 952,919.70
		Overage	**4579.73**	**$ 1,510,074.37**	**3516.14**	**$ 1,159,376.34**

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Time zone:	Eastern Standard Time
Reference number:	
Description:	
Comment 1:	
Comment 2:	
Comment 3:	

Coordinate System

Name:	United States/State Plane 1983
Datum:	NAD 1983 (Conus)
Zone:	Florida East 0901
Geoid:	
Vertical datum:	
Calibrated site:	

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
ASB King St	Classification: Unclassified
ASB Ash post king	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	**237.7 yd³**
Fill material	**14.4 yd³**
Excess	**223.3 yd³**

Bank Areas Based on Surface Geometry Alone	
Cut area	**3,987.7 ft²**
Fill area	**714.1 ft²**
Zero volume area	**0.0 ft²**
Total	**4,701.8 ft²**

Depth summary	
Maximum depth of cut material	**4.244 ft**
Maximum depth of fill material	**1.281 ft**

Note: 'Cut Material' is defined as material where [ASB Ash post king] is lower than [ASB King St]. 'Fill Material' is defined as the volume of material where [ASB Ash post king] is higher than [ASB King St].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

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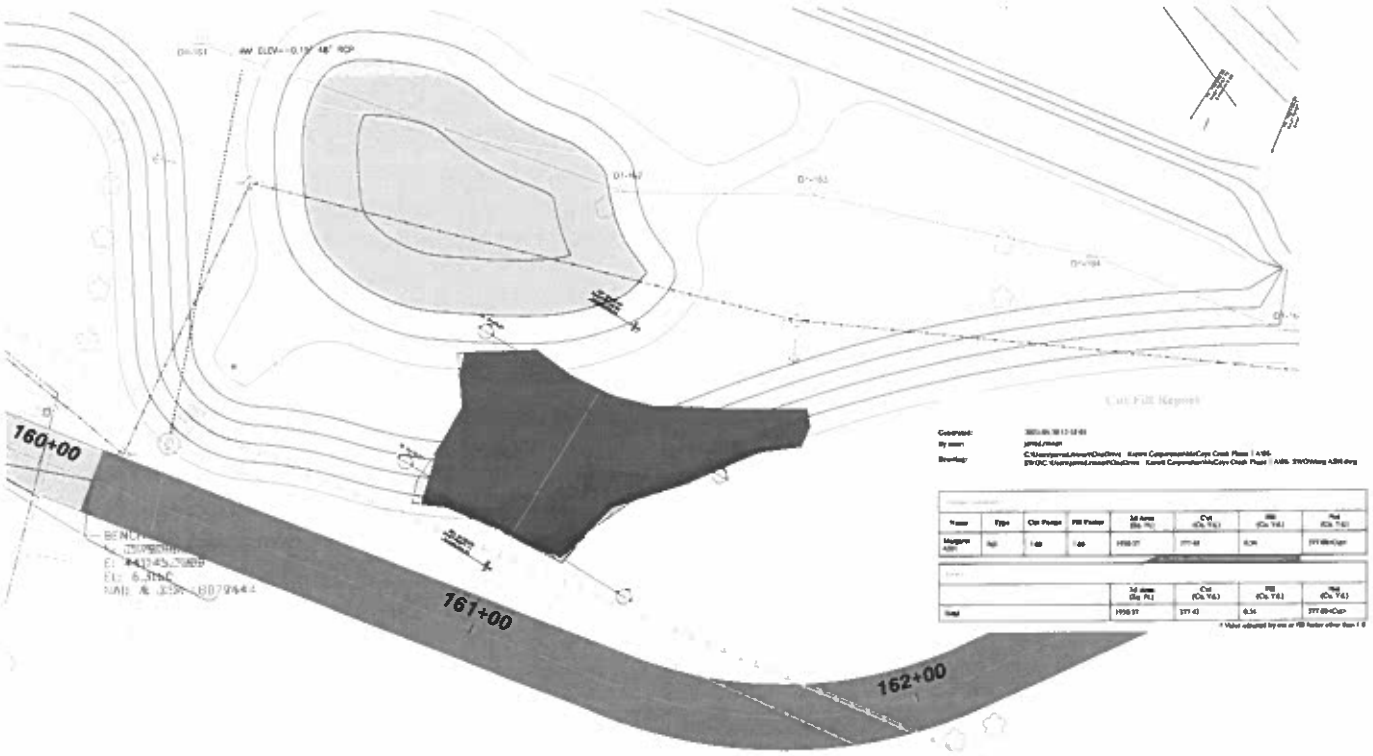

SWO-152 Margaret ASII Overview.pdf

06/12/23

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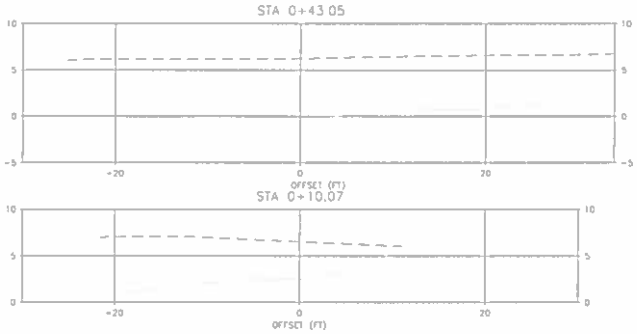

TOTAL VOLUME TABLE							
STATION	CUT AREA	FILL AREA	CUT VOL	FILL VOL	CUM CUT VOL	CUM FILL VOL	NET VOL
0+10.07	140.17 SF	0.00 SF	0.00 CY	0.00 CY	0.00 CY	0.00 CY	0.00 CY
0+43.05	291.72 SF	0.00 SF	263.77 CY	0.00 CY	263.77 CY	0.00 CY	263.77 CY

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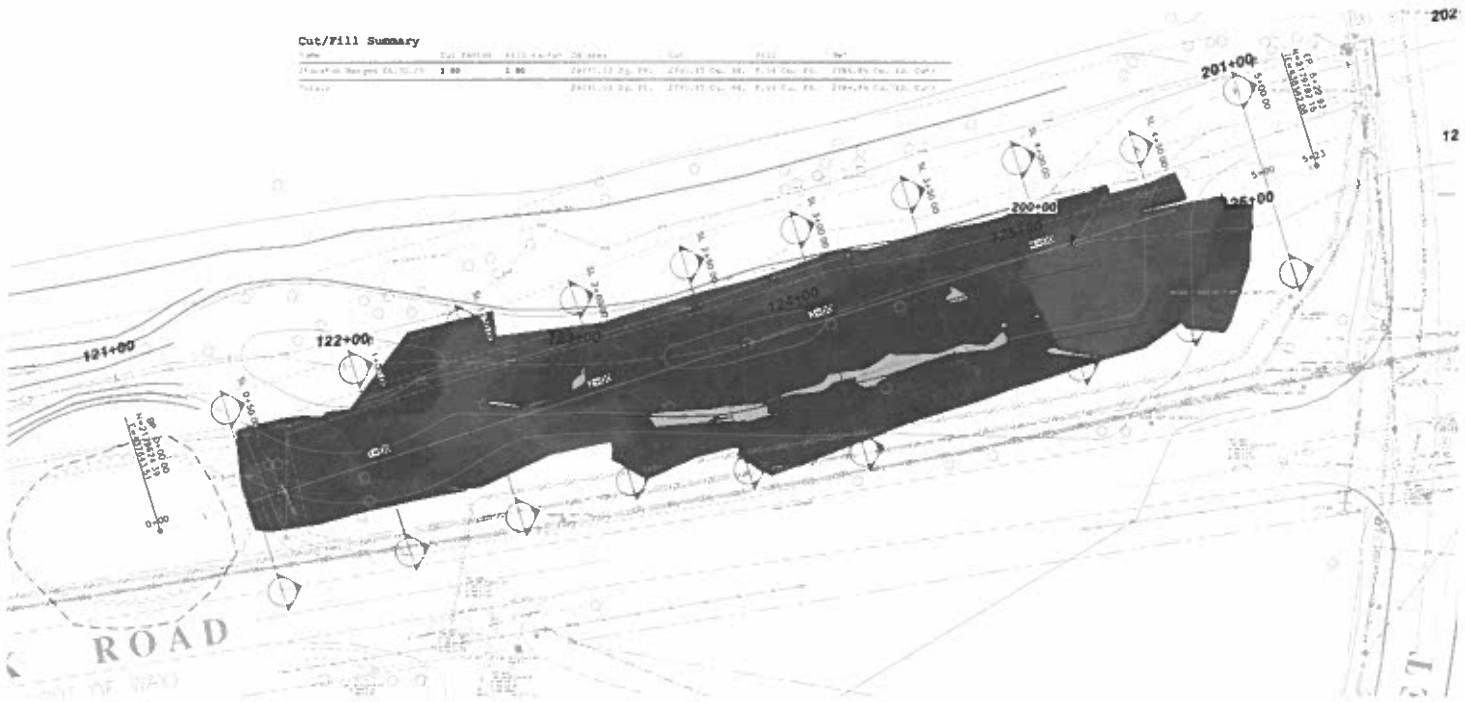

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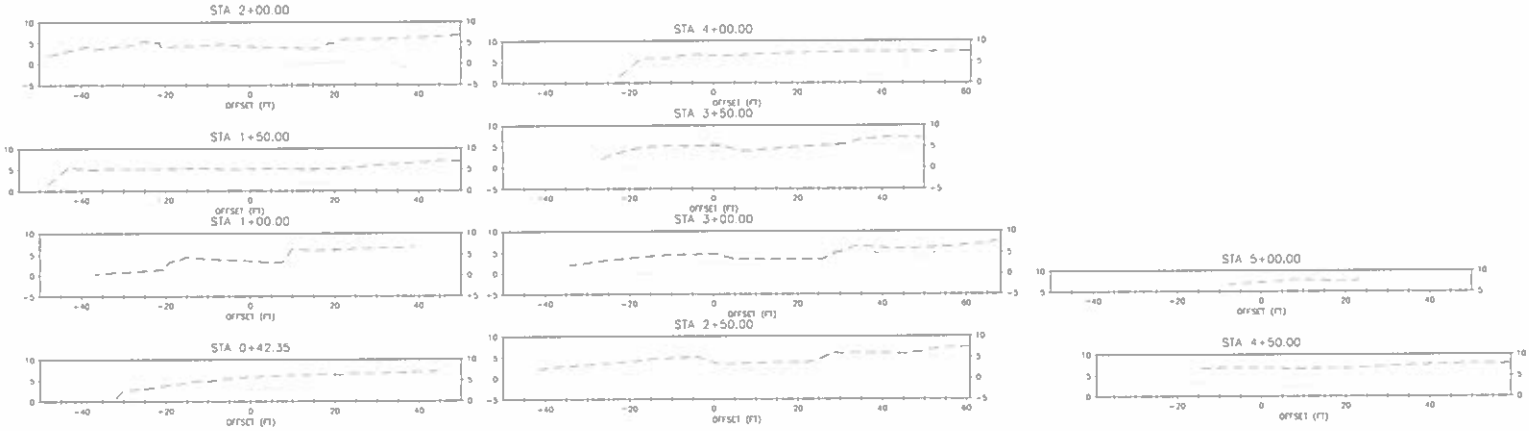

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TOTAL VOLUME TABLE							
STATION	CUT AREA	FILL AREA	CUT VOL	FILL VOL	CUM CUT VOL	CUM FILL VOL	NET VOL
0+42.35	89.92 SF	0.05 SF	0.00 CY	0.00 CY	0.00 CY	0.00 CY	0.00 CY
1+00.00	99.62 SF	0.00 SF	202.34 CY	0.06 CY	202.34 CY	0.06 CY	202.29 CY
1+50.00	286.58 SF	0.00 SF	357.60 CY	0.00 CY	559.94 CY	0.06 CY	559.88 CY
2+00.00	182.19 SF	0.00 SF	434.04 CY	0.00 CY	993.98 CY	0.06 CY	993.92 CY
2+50.00	112.51 SF	1.68 SF	272.87 CY	1.55 CY	1266.85 CY	1.61 CY	1265.24 CY
3+00.00	148.87 SF	0.99 SF	242.01 CY	2.47 CY	1508.86 CY	4.08 CY	1504.78 CY
3+50.00	105.81 SF	0.36 SF	235.81 CY	1.25 CY	1744.67 CY	5.34 CY	1739.34 CY
4+00.00	313.86 SF	0.43 SF	388.59 CY	0.73 CY	2133.26 CY	6.06 CY	2127.19 CY
4+50.00	267.34 SF	0.00 SF	538.15 CY	0.40 CY	2671.41 CY	6.46 CY	2664.95 CY
5+00.00	0.00 SF	0.00 SF	247.54 CY	0.00 CY	2918.95 CY	6.46 CY	2912.49 CY

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Cut/Fill Report

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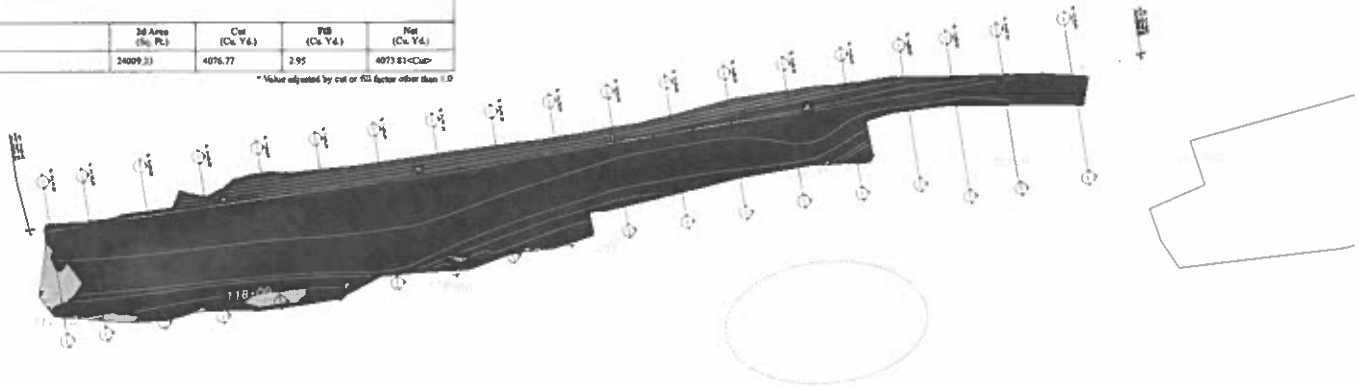
Drawing: C:\Users\jerrod.rennert\OneDrive - Kiewit Corporation\McCoys Creek Phase II A\06- SWO__SWO-109 VRSS 2A West End ASH QTY\C:\Users\jerrod.rennert\OneDrive - Kiewit Corporation\McCoys Creek Phase II A\06- SWO__SWO-109 VRSS 2A West End ASH QTY\VRSS 2A West End ASH QTY Comparison.dwg

Name	Type	Cut Factor	Fill Factor	3d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
060623 Ash Exc Combined	Auto	1.00	1.00	24009.23	4076.77	2.95	4073.81<Cut>

	3d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total	24009.23	4076.77	2.95	4073.81<Cut>

* Value adjusted by cut or fill factor other than 1.0



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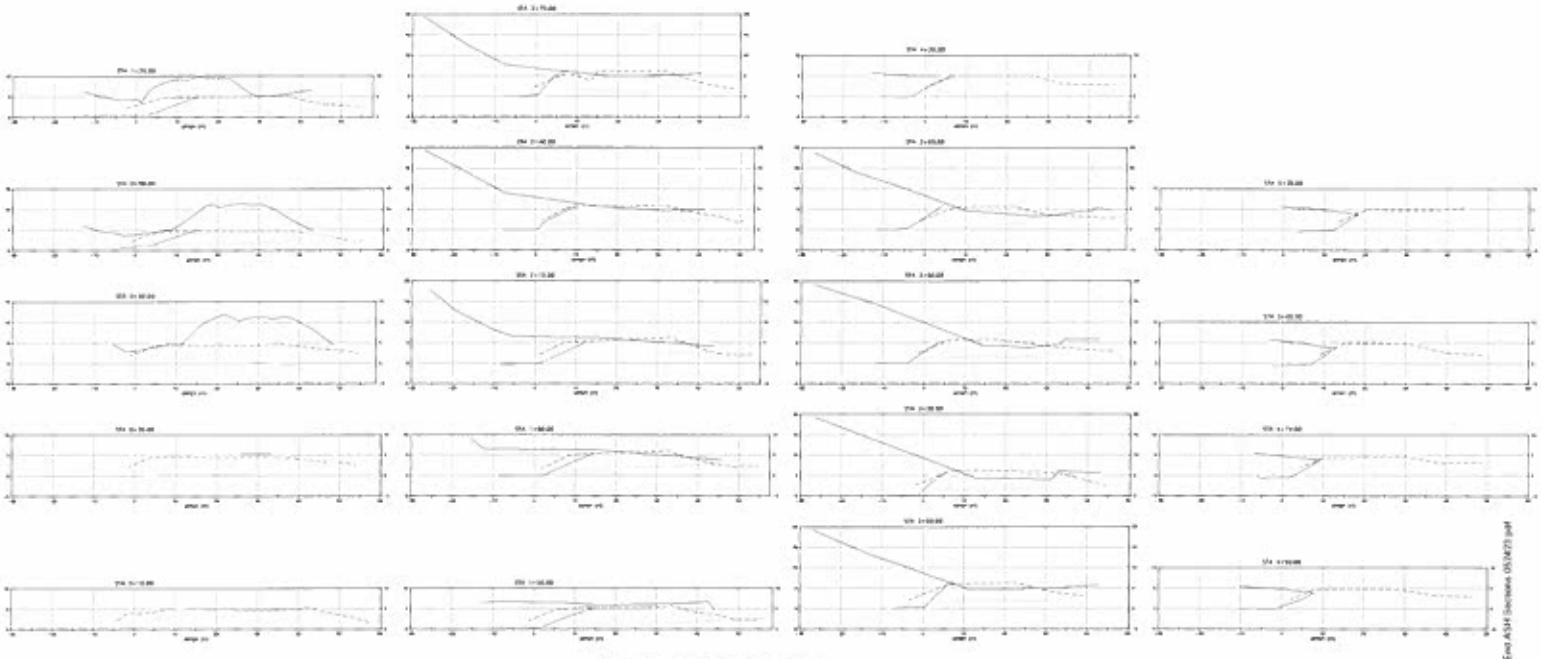

Top Ash 04.17.23 to 05.09.23

Bottom Ash 04.21.23 to 05.10.23

Top Ash 02.09.23 to 03.27.23

Bottom Ash 02.10.23 to 04.03.23

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TOTAL VOLUME TABLE							
STATION	CUT AREA	FILL AREA	CUT VOL	FILL VOL	CUM CUT VOL	CUM FILL VOL	NET VOL
0+10.00	31.74 SF	1.59 SF	0.00 CY	0.00 CY	0.00 CY	0.00 CY	0.00 CY
0+30.00	160.83 SF	0.20 SF	71.32 CY	0.66 CY	71.32 CY	0.66 CY	70.66 CY
0+60.00	357.67 SF	0.00 SF	288.06 CY	0.11 CY	359.38 CY	0.78 CY	358.60 CY
0+90.00	296.02 SF	0.00 SF	363.16 CY	0.00 CY	722.54 CY	0.78 CY	721.76 CY
1+20.00	328.29 SF	0.87 SF	346.84 CY	0.49 CY	1069.37 CY	1.26 CY	1068.11 CY
1+50.00	291.18 SF	0.00 SF	344.15 CY	0.49 CY	1413.52 CY	1.75 CY	1411.77 CY
1+80.00	239.07 SF	0.00 SF	294.58 CY	0.00 CY	1708.10 CY	1.75 CY	1706.35 CY
2+10.00	243.38 SF	0.13 SF	268.03 CY	0.07 CY	1976.13 CY	1.82 CY	1974.31 CY
2+40.00	250.66 SF	0.00 SF	274.47 CY	0.07 CY	2250.59 CY	1.89 CY	2248.71 CY
2+70.00	225.56 SF	0.00 SF	264.57 CY	0.00 CY	2515.16 CY	1.89 CY	2513.28 CY
3+00.00	190.16 SF	0.00 SF	230.96 CY	0.00 CY	2746.12 CY	1.89 CY	2744.23 CY
3+30.00	208.94 SF	0.18 SF	221.72 CY	0.10 CY	2967.84 CY	1.99 CY	2965.85 CY
3+60.00	255.51 SF	0.00 SF	258.03 CY	0.10 CY	3225.86 CY	2.09 CY	3223.78 CY
3+90.00	224.75 SF	0.09 SF	266.81 CY	0.05 CY	3492.67 CY	2.14 CY	3490.54 CY
4+20.00	146.72 SF	0.40 SF	206.37 CY	0.27 CY	3699.05 CY	2.41 CY	3696.64 CY
4+50.00	67.12 SF	0.00 SF	118.80 CY	0.22 CY	3817.85 CY	2.63 CY	3815.22 CY
4+74.00	61.61 SF	0.00 SF	57.21 CY	0.00 CY	3875.06 CY	2.63 CY	3872.43 CY
5+00.00	69.09 SF	0.00 SF	62.93 CY	0.00 CY	3937.99 CY	2.63 CY	3935.36 CY
5+35.00	63.22 SF	0.00 SF	85.75 CY	0.00 CY	4023.74 CY	2.63 CY	4021.11 CY

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Cut/Fill Report

Generated: 2023-07-19 13:12:00

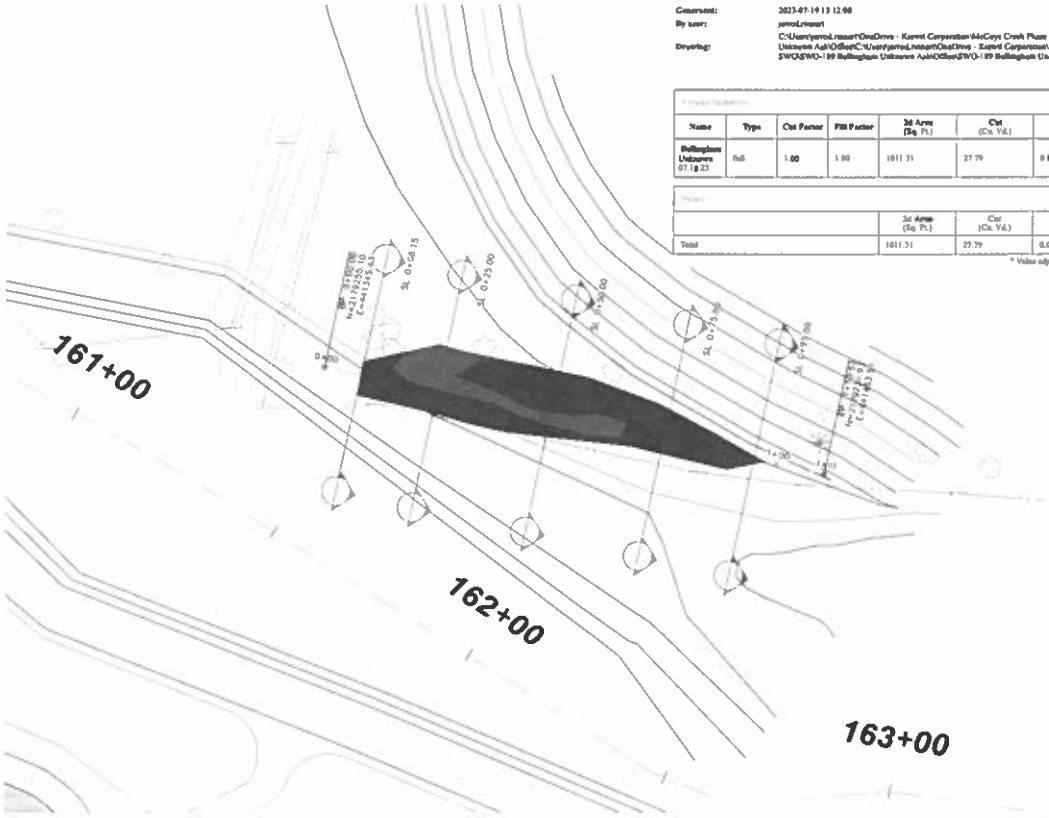
By user: jarrod.r.smart

Drawing: C:\Users\jarrod.r.smart\OneDrive - Kuwait Corporation\McCoys Creek Phase 1 A\08- SWO\SWO-189 Bellingham Unknown Ash\Office\C:\Users\jarrod.r.smart\OneDrive - Kuwait Corporation\McCoys Creek Phase 1 A\08- SWO\SWO-189 Bellingham Unknown Ash\Office\SWO-189 Bellingham Unknown Ash.dwg

Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Bellingham Unknown 07.18.23	full	1.00	1.00	1011.31	27.79	0.00	27.79<Cut>

	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total	1011.31	27.79	0.00	27.79<Cut>

* Value adjusted by cut or fill factor other than 1.0



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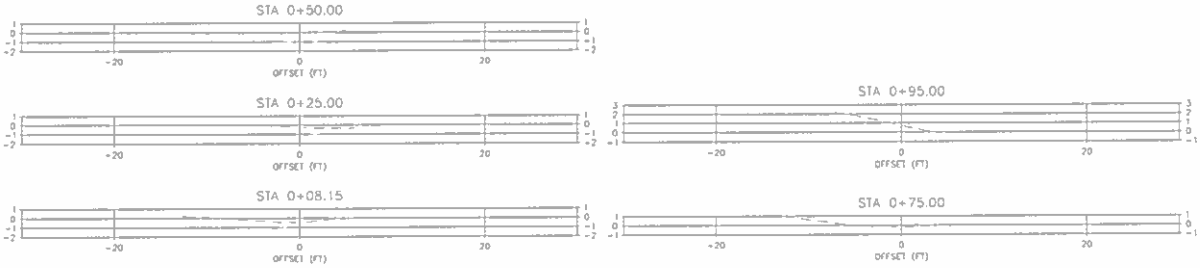

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TOTAL VOLUME TABLE							
STATION	CUT AREA	FILL AREA	CUT VOL	FILL VOL	CUM CUT VOL	CUM FILL VOL	NET VOL
0+08.15	3.09 SF	0.00 SF	0.00 CY	0.00 CY	0.00 CY	0.00 CY	0.00 CY
0+25.00	14.78 SF	0.00 SF	5.58 CY	0.00 CY	5.58 CY	0.00 CY	5.58 CY
0+50.00	11.42 SF	0.00 SF	12.13 CY	0.00 CY	17.70 CY	0.00 CY	17.70 CY
0+75.00	2.88 SF	0.00 SF	6.62 CY	0.00 CY	24.33 CY	0.00 CY	24.33 CY
0+95.00	0.48 SF	0.00 SF	1.25 CY	0.00 CY	25.57 CY	0.00 CY	25.57 CY

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VIA Consulting Services
1421 South Orange Ave
Green Cove Springs
32043
FL
United States

Phone: 9049010800
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Fax: +00 00 0000001
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Volume Report

Report created by Dave Caseja
Report created on the 07.08.2023 - 02:44:52 pm

Project Details

Project Name	McCoy Creek Ash Survey	*Distance Units*	US Survey Feet (decimal)
Description	Ash Volume	*Area Units*	US Survey Feet^2
Job	Default	*Volume Units*	Yards^3
First Access	07.08.2023 - 01:47:47 pm	*Scale Factor Units*	PPM
Last Access	07.08.2023 - 02:31:47 pm	*Geometric Scale Factor*	1.000000

Volume Details

Name	Volume2	*Calculated Volume*	234.238 ↓	*Corrected Volume*	234.238 ↓
Type	Surface to Surface	*Cut Volume*	244.208	*Percent Overlap*	18.3357%
Swell Factor	1.0000	*Fill Volume*	9.970	*Avg Elev Diff*[1]	0.892

Surface Details

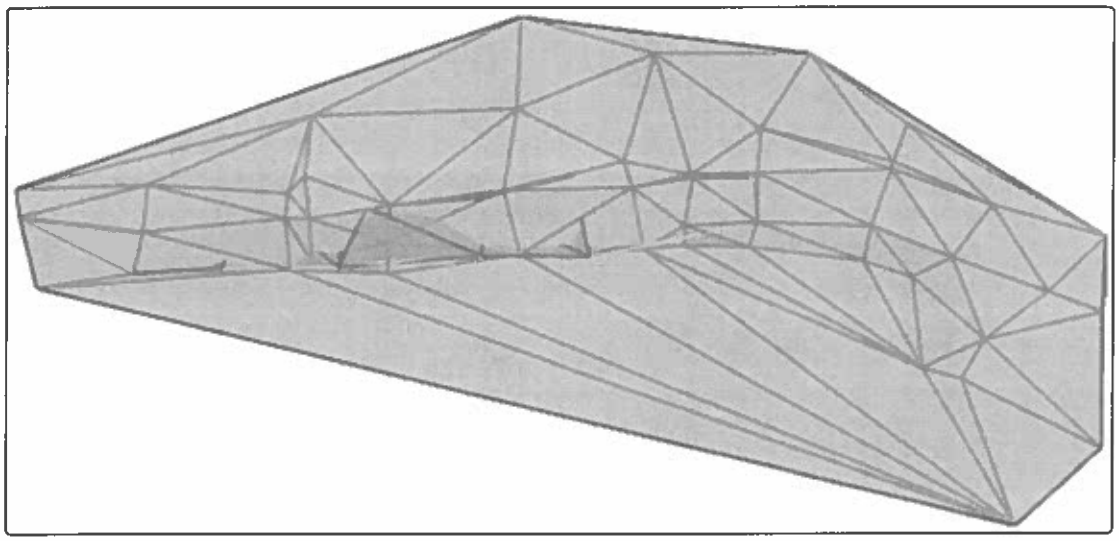
Existing Surface

Surface Name	Top Surface.TRM	*Max Elevation*	8.040	*No. Surface Pts*[2]	41
Area	26683.699	*Min Elevation*	0.852	*No. Boundary Pts*[3]	9
Perimeter	726.230	*Balanced Site*	4.704		

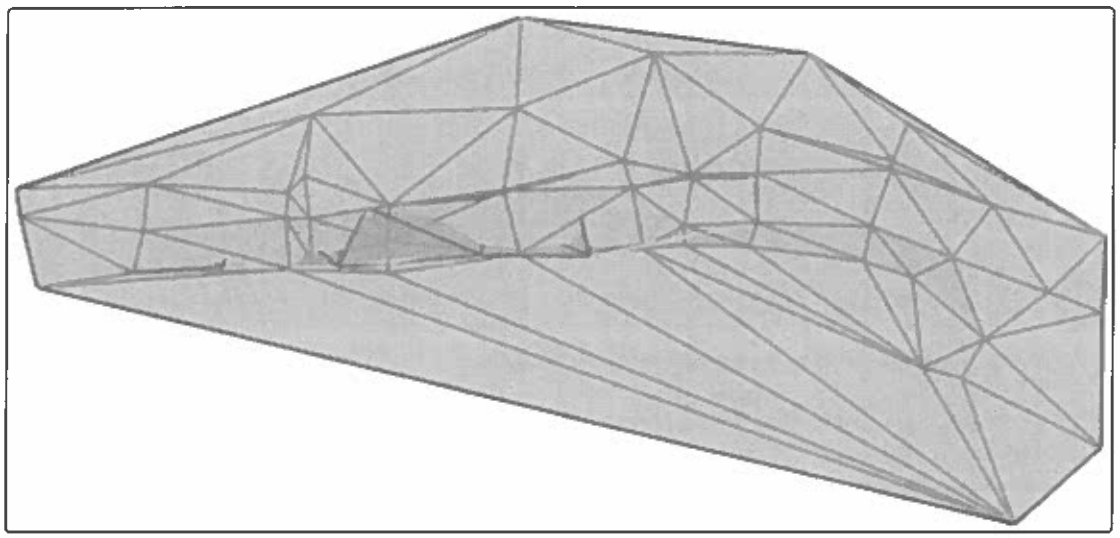
Design Surface

Surface Name	Bottom Surface.TRM	*Max Elevation*	7.567	*No. Surface Pts*[2]	15
Area	5230.420	*Min Elevation*	0.767	*No. Boundary Pts*[3]	11
Perimeter	438.928	*Balanced Site*	3.812		

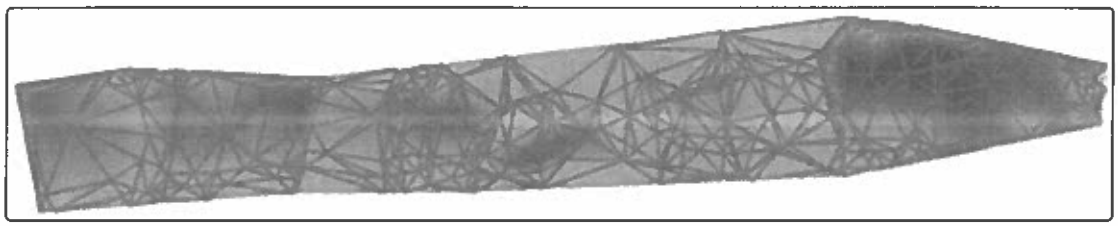
Surface Images



Screenshot: 2D View



Screenshot: 3D View



Screenshot: Heat Map View

Point Details

Existing Surface

Surface Name Top Surface.TRM *No. Surface Pts*[2] 41 *No. Boundary Pts*[3] 9

Surface Points

#	Point Name	Northing	Easting	Elevation	Ctrl Pt[4]	Code	Point Type
1	Topo38	2179757.543	437011.806	7.387	No	gs	Reference

2	Topo41	2179742.321	436973.549	7.402	No	gs	Reference
3	Topo1	2179740.432	436916.616	7.675	No	gs	Reference
4	Topo22	2179738.164	437082.312	6.376	No	gs	Reference
5	Topo21	2179736.888	437041.514	6.532	No	gs	Reference
6	Topo10	2179727.743	437003.461	6.877	No	gs	Reference
7	Topo23	2179727.619	437078.460	6.198	No	gs	Reference
8	Topo24	2179725.492	437078.013	5.115	No	gs	Reference
9	Topo15	2179724.440	437040.700	6.546	No	gs	Reference
1...	Topo13	2179724.015	437022.061	6.773	No	gs	Reference
1...	Topo2	2179723.485	436914.578	7.276	No	gs	Reference
1...	Topo14	2179723.079	437022.486	5.928	No	gs	Reference
1...	Topo16	2179723.020	437039.934	5.394	No	gs	Reference
1...	Topo47	2179721.224	436870.851	7.625	No	gs	Reference
1...	Topo11	2179720.388	437005.678	6.474	No	gs	Reference
1...	Topo8	2179719.560	436969.984	7.201	No	gs	Reference
1...	Topo48	2179718.818	436909.997	7.779	No	gs	Reference
1...	Topo27	2179715.467	437106.298	5.719	No	gs	Reference
1...	Topo7	2179715.321	436938.314	7.180	No	gs	Reference
2...	Topo49	2179711.838	436909.387	7.351	No	gs	Reference

#	Point Name	Northing	Easting	Elevation	Ctrl Pt[4]	Code	Point Type
2...	Topo3	2179711.724	436916.111	7.666	No	gs	Reference
2...	Topo19	2179710.633	437040.807	4.451	No	gs	Reference
2...	Topo17	2179709.836	437020.360	4.610	No	gs	Reference
2...	Topo25	2179709.597	437072.434	5.364	No	gs	Reference
2...	Topo46	2179708.190	436869.693	5.754	No	gs	Reference
2...	Topo6	2179705.241	436937.769	2.298	No	gs	Reference
2...	Topo18	2179704.388	437020.371	0.919	No	gs	Reference
2...	Topo20	2179703.901	437038.382	1.211	No	gs	Reference
2...	Topo12	2179703.212	437009.013	0.852	No	gs	Reference
3...	Topo9	2179701.865	436974.674	1.300	No	gs	Reference
3...	Topo28	2179700.831	437095.069	6.073	No	gs	Reference
3...	Topo26	2179699.902	437070.424	1.508	No	gs	Reference
3...	Topo4	2179699.625	436916.837	1.417	No	gs	Reference
3...	Topo50	2179697.665	436910.560	1.588	No	gs	Reference
3...	Topo45	2179696.594	436866.987	1.594	No	gs	Reference
3...	Topo5	2179696.582	436938.017	1.266	No	gs	Reference
3...	Topo29	2179695.520	437083.846	1.886	No	gs	Reference
3...	Topo33	2179691.363	437121.873	4.495	No	gs	Reference
3...	Topo32	2179678.138	437104.219	5.811	No	gs	Reference
4...	Topo35	2179670.338	437086.764	3.049	No	gs	Reference

#	Point Name	Northing	Easting	Elevation	Ctrl Pt[4]	Code	Point Type
4...	Topo34	2179667.398	437097.758	4.788	No	gs	Reference

Boundary Points

#	Point Name	Northing	Easting	Elevation	Ctrl Pt[4]	Code	Point Type
1	Topo40	2179767.766	436974.528	8.040	No	gs	Reference
2	Topo39	2179757.525	437055.052	6.728	No	gs	Reference
3	Topo42	2179720.174	436834.150	7.894	No	gs	Reference
4	Topo43	2179712.390	436835.263	6.622	No	gs	Reference
5	Topo31	2179706.724	437137.815	4.145	No	gs	Reference
6	Topo44	2179692.678	436840.030	0.934	No	gs	Reference
7	Topo30	2179685.737	437136.953	3.648	No	gs	Reference
8	Topo37	2179648.047	437136.762	5.038	No	gs	Reference
9	Topo36	2179626.562	437112.933	5.556	No	gs	Reference

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Design Surface

Surface Name Bottom Surface.TRM *No. Surface Pts*[2] 15 *No. Boundary Pts*[3] 11

Surface Points

#	Point Name	Northing	Easting	Elevation	Ctrl Pt[4]	Code	Point Type
1	B3	2179722.945	437036.292	3.458	No	Bottom	Sketch
2	B4	2179710.206	437033.257	1.206	No	Bottom	Sketch
3	B5	2179726.062	437010.951	2.749	No	Bottom	Sketch
4	B6	2179706.630	437011.081	1.093	No	Bottom	Sketch
5	B7	2179725.087	436994.172	3.088	No	Bottom	Sketch
6	B9	2179714.645	436964.671	3.264	No	Bottom	Sketch
7	B10	2179701.486	436963.941	1.608	No	Bottom	Sketch
8	B11	2179710.642	436925.633	3.053	No	Bottom	Sketch
9	B13	2179716.965	436894.120	4.207	No	Bottom	Sketch
1...	B15	2179717.642	436869.098	4.505	No	Bottom	Sketch
1...	B16	2179696.970	436867.706	1.659	No	Bottom	Sketch
1...	B17	2179716.279	436842.761	3.956	No	Bottom	Sketch
1...	B21	2179723.718	436989.137	6.988	No	Bottom	Sketch
1...	B22	2179717.562	436963.449	7.191	No	Bottom	Sketch
1...	B23	2179714.813	436931.787	7.150	No	Bottom	Sketch

Boundary Points

#	Point Name	Northing	Easting	Elevation	Ctrl Pt[4]	Code	Point Type
1	B1	2179721.991	437042.780	5.337	No	Bottom	Sketch
2	B2	2179710.970	437042.077	4.500	No	Bottom	Sketch
3	B8	2179701.171	436994.059	1.148	No	Bottom	Sketch
4	B12	2179698.270	436924.251	1.400	No	Bottom	Sketch
5	B14	2179697.990	436891.769	2.018	No	Bottom	Sketch
6	B18	2179694.508	436844.273	0.767	No	Bottom	Sketch
7	B19	2179729.192	437008.422	6.781	No	Bottom	Sketch
8	B20	2179730.860	436995.155	6.750	No	Bottom	Sketch
9	B24	2179719.610	436897.374	6.890	No	Bottom	Sketch
1...	B25	2179721.287	436861.198	7.083	No	Bottom	Sketch
1...	B26	2179718.188	436839.745	7.567	No	Bottom	Sketch

Notes

[1] Avg. Elev. Difference
[2] No. of Surface Points
[3] No. of Boundary Points
[4] Control Point
↓ Cut

VIA CONSULTING SERVICES, INC.

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

Unforeseen Ash Remediation Log - Margaret Street, South Side of Creek

REMEDIATION AREA BASED ON FIGURE DIMENSIONS (END AREA WEST TO EAST)

Area #	Top of Ash							Bottom of Ash							End Area					Distance (LF)	Volume (CY)
	STA	Point 1			Point 2			STA	Point 1			Point 2			Width (LF)		Height (LF)		Total (SF)		
		Offset		Elevation	Offset		Elevation		Offset		Elevation	Offset		Elevation							
		LF	LT/RT		LF	LT/RT			LF	LT/RT		LF	LT/RT		Top	Bottom	Left	Right			
1	161+52	125	RT	4.9	167	RT	4.7	161+52	125	RT	1.6	167	RT	1.5	42	42	3.3	3.2	136.50		
2	161+70	119	RT	4.9	166	RT	4.6	161+71	119	RT	1.3	166	RT	1.6	47	47	3.6	3	155.10	18.00	**97.20**
3	161+90	111.5	RT	4.3	156.5	RT	4.9	161+90	111.5	RT	1.5	156.5	RT	1.5	45	45	2.8	3.4	139.50	20.00	**109.11**
4	162+15														0	0	0	0	0.00	25.00	**64.58**
																			Total		**270.894**

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Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

Unforeseen Ash Remediation Log - VRSS Wall 3A, South Side of Creek

REMEDIATION AREA BASED ON ELEVATION SHOT DIMENSIONS (END AREA WEST TO EAST) - ASSUMES SHOTS WERE TAKEN 15' FROM OUTSIDE PERIMETER

Area #	Top of Ash							Bottom of Ash							End Area							
	STA	Point 1			Point 2			STA	Point 1			Point 2			Width (LF)		Height (LF)		Total (SF)	Total per STA (SF)	Distance (LF)	Volume (CY)
		Offset		Elevation	Offset		Elevation		Offset		Elevation	Offset		Elevation								
		LF	LT/RT		LF	LT/RT			LF	LT/RT		LF	LT/RT		Top	Bottom	Left	Right				
1.1	122+50	74	RT	6.4	35	RT	5.9	122+50	74	RT	3.5	35	RT	1.5	39	39	2.5	4.4	142.35	276.00		
1.2	122+50	35	RT	5.9	6	RT	6	122+50	35	RT	1.5	8	RT	0.5	37	37	4.4	5.5	133.65			
2.1	122+10	75	RT	6.6	42	RT	6.1	122+10	75	RT	3.5	42	RT	1.2	33	33	3.1	3.9	115.50	254.70	40.00	393.11
2.2	122+10	42	RT	6.1	10	RT	5.8	122+10	42	RT	2.2	10	RT	1	32	32	3.9	4.6	139.20			
3.1	121+92	67	RT	5.4	43	RT	4.1	121+92	67	RT	2.9	43	RT	2.4	24	24	2.5	1.7	50.40	98.70	18.00	117.80
3.2	121+92	43	RT	4.1	20	RT	4.4	121+92	43	RT	2.4	20	RT	1.9	23	23	1.7	2.1	48.30			
4.1	121+38	92	RT	4.9	57	RT	4.9	121+38	92	RT	3.1	57	RT	2.7	35	35	3.8	3.2	70.00	162.40	54.00	261.10
4.2	121+38	57	RT	4.9	34	RT	3.6	121+38	57	RT	2.7	34	RT	0.2	33	33	3.2	3.4	92.40			
																				Total		930.231

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Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

Unforeseen Ash Remediation Log - West of Stockton Street, South Side of Creek

REMEDIATION AREA BASED ON ELEVATION SHOT DIMENSIONS (END AREA WEST TO EAST) - ASSUMES SHOTS WERE TAKEN 15' FROM OUTSIDE PERIMETER

Area #	Top of Ash							Bottom of Ash							End Area						Distance (LF)	Volume (CY)
	STA	Point 1			Point 2			STA	Point 1			Point 2			Width (LF)		Height (LF)		Total (SF)	Total per STA (SF)		
		Offset		Elevation	Offset		Elevation		Offset		Elevation	Offset		Elevation								
		LF	LT/RT		LF	LT/RT			LF	LT/RT		LF	LT/RT		Top	Bottom	Left	Right				
1 1	122+45	50	RT	5.65	30	RT	5.10	122+45												176.28		
1 2	122+45	45	RT	5.10	7	LT	4.99	122+45	45	RT	1.80	7	LT	1.60	52	52	3.38	3.39	176.28			
2 1	122+86	50	RT	5.30	24	RT	3.25	122+86	50	RT	2.70	24	RT	2.60	26	26	2.6	0.65	67.60	168.35	41.00	281.66
2 2	122+86	24	RT	3.25	7	LT	4.95	122+86	24	RT	2.60	7	LT	1.70	31	31	0.65	3.25	100.75			
3 1	123+02	47	RT	4.00	12	RT	4.20	123+02	48	RT	2.80	11	RT	2.50	35	37	1.2	1.7	62.90	132.20	16.00	65.05
3 2	123+02	12	RT	4.20	21	LT	4.00	123+02	11	RT	2.50	21	LT	1.90	33	32	1.7	2.1	69.30			
4 1	123+25	47	RT	6.00	7	RT	4.00	123+25	45	RT	2.80	2.5	RT	2.50	40	42.5	3.2	0.5	136.00	232.90	23.00	198.83
4 2	123+25	7	RT	4.00	27	LT	3.85	123+25	2.5	RT	3.50	24.5	LT	1.00	34	27	0.5	2.65	96.90			
5 1	123+50	50	RT	5.95	1	RT	4.20	123+50	45	RT	2.80	1	LT	3.80	49	46	3.15	0.4	154.35	238.35	25.00	216.17
5 2	123+50	1	RT	4.20	29	LT	3.90	123+50	1	LT	3.60	29	LT	1.10	30	28	0.4	2.8	84.00			
6 1	123+75	58	RT	6.00	1.5	RT	3.70	123+75	64	RT	2.60	3	LT	2.30	56.5	67	2.4	1.4	160.80	288.10	25.00	248.73
6 2	123+75	1.5	RT	3.70	32	LT	4.30	123+75	3	LT	2.3	33	LT	0.50	33.5	30	1.4	3.8	127.30			
7 1	124+00	66	RT	5.30	3.5	RT	3.70	124+00	64	RT	4.20	1.7	LT	2.50	62.5	65.7	1.1	1.2	78.84	186.64	25.00	219.79
7 2	124+00	3.5	RT	3.70	35	LT	3.60	124+00	1.7	LT	2.5	34	LT	0.80	38.5	32.3	1.2	2.8	107.80			
8	124+25	48	RT	5.43	23.5	LT	3.93	124+25	44	RT	3.30	25	LT	2.20	71.5	69	2.13	1.73	152.30	152.30	25.00	156.81
9	124+65	52.5	RT	5.90	21	LT	4.33	124+65	50	RT	5.03	20	LT	2.10	73.5	80	0.9	1.63	130.40	130.40	40.00	209.40
																					Total	1554.224

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

Unforeseen Ash Remediation Log - VRSS Wall 2A, North Side of Creek

REMEDIATION AREA BASED ON ELEVATION SHOT DIMENSIONS (END AREA WEST TO EAST)

Area #	Top of Ash							Bottom of Ash							End Area							
	STA	Point 1			Point 2			STA	Point 1			Point 2			Width* (LF)		Height (LF)		Total (SF)	Total per STA (SF)	Distance (LF)	Volume (CY)
		Offset		Elevation	Offset		Elevation		Offset		Elevation	Offset		Elevation								
		LF	LT/RT		LF	LT/RT			LF	LT/RT		LF	LT/RT		Top	Bottom	Left	Right				
1	117+21	66	LT	3.9	36	LT	4.3	117+21	66	LT	0.1	36	LT	-0.3	50	50	3.8	4.5	207.50	207.50		
2	117+62	65	LT	4.3	20	LT	4.6	117+62	65	LT	0	22	LT	2.1	45	43	4.1	2.5	145.20	145.20	41.00	**267.79**
3	117+81.5	70	LT	4.3	18	LT	4.8	117+81.5	71	LT	0.1	18	LT	1.8	52	53	4.2	3	189.00	189.00	19.50	**130.08**
4	118+02	73	LT	4.4	18	LT	4.9	118+02	73	LT	0.2	18	LT	1.5	55	55	4.2	3.4	209.00	209.00	20.50	**181.09**
5	118+27	77	LT	4.8	20	LT	5	118+27	77	LT	0	20	LT	0.7	57	57	4.8	4.3	259.25	259.25	25.00	**216.83**
6	118+32.5	64	LT	4.2	25	LT	5.1	118+32.5	64	LT	0.1	25	LT	1.2	39	39	4.1	3.9	156.00	156.00	5.50	**42.30**
7	118+58	81	LT	4.3	33	LT	5.3	118+58	76	LT	0.2	33	LT	1.4	48	43	4.1	3.9	182.00	182.00	17.50	**109.34**
8	118+65	86	LT	4.7	29	LT	5.5	118+65	86	LT	0.1	29	LT	1.6	57	57	4.6	3.9	242.25	242.25	15.00	**117.85**
9	118+95	82	LT	4.1	40	LT	5.8	118+95	89	LT	0.2	40	LT	1.4	42	49	3.9	4.4	188.83	188.83	30.00	**230.49**
10	119+14	89	LT	3.8	44	LT	5.6	119+14	92	LT	0.1	44	LT	2.3	43	46	3.7	3.3	155.75	155.75	19.00	**121.24**
11	119+91	78	LT	4.5	36	LT	6	119+91	78	LT	0.1	36	LT	1.7	42	42	4.4	4.3	182.70	182.70	77.00	**462.60**
12	120+07	67	LT	4.1	38	LT	6.2	120+07	73	LT	0.3	38	LT	2.2	29	35	3.8	4	124.80	124.80	16.00	**91.11**
13.1	120+25	73	LT	4.3	42	LT	5.8	120+25	80	LT	0.1	42	LT	2.3	31	38	4.2	3.5	132.83	222.08	18.00	**115.63**
13.2	120+25	42	LT	5.5	7	LT	2.7	120+25	41	LT	1.9	6	LT	1.2	35	35	3.6	1.5	89.25			
14	120+50	49	LT	5.3	1	LT	3.2	120+50	51	LT	1.4	2	LT	1	48	49	3.9	2.2	147.93	147.93	25.00	**171.30**
15	120+76	42	LT	4.6	5	RT	3.9	120+75	49	LT	1	5	RT	1.1	47	54	3.6	2.8	161.60	161.60	26.00	**149.83**
16	121+00	40	LT	4.1	8	RT	3.6	120+95	44	LT	0.9	7	RT	0.8	48	51	3.2	2.8	148.50	146.50	24.00	**137.82**
17.1	121+26.5	50	LT	4.6	25	LT	3.5	121+26.5	59	LT	0	27	LT	0.9	33	32	4.6	2.6	117.00	194.35	26.50	**188.23**
17.2	121+26.5	25	LT	3.5	9	RT	2.7	121+26.5	27	LT	0.9	8	RT	0.7	34	35	2.6	2	79.35			
18.1	121+52	60	LT	4.8	24	LT	3.9	121+52	60	LT	0	25	LT	0.6	36	35	4.8	3.3	143.78	242.98	25.50	**287.46**
18.2	121+52	24	LT	3.9	7	RT	3.8	121+52	25	LT	0.6	8	RT	0.9	31	33	3.3	2.9	99.20			
19.1	121+71.5	61	LT	4.3	25	LT	3.1	121+60	61	LT	0	32	LT	1.6	36	29	4.3	1.5	94.25	172.25	19.50	**149.94**
19.2	121+71.5	25	LT	3.1	4	RT	4.3	121+75	32	LT	3.6	4	RT	1	29	34	1.5	3.3	78.00			
20*	122+05	65	LT	4.6				122+05	65	LT	0				30	32.5	4.6	0	71.88	71.88	33.50	**151.45**
21	122+12	44	LT	3.1	3	LT	4.3	122+07	51	LT	3.3	4	LT	0.9	43	47	1.8	3.4	117.00	117.00	7.00	**24.40**
22*	122+46	59	LT	4.9				122+44	65	LT	0				29.5	32.5	4.8	0	74.40	74.40	34.00	**120.81**
																					Total	**3357.375**

*Width based on offset length divided by 2

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Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

Unforeseen Ash Remediation Log - Bellingham Marine #1 (East of Remediation Area)

Area #	Top of Ash							Bottom of Ash							End Area					Distance (LF)	Volume (CY)
	STA	Point 1			Point 2			STA	Point 1			Point 2			Width (LF)		Height (LF)		Total (SF)		
		Offset*		Elevation	Offset*		Elevation		Offset		Elevation	Offset		Elevation							
		LF	LT/RT		LF	LT/RT			LF	LT/RT		LF	LT/RT		Top	Bottom	Left	Right			
1	162+33	0	LT	1	14	LT	1	162+27	0	LT	0.5	14	LT	0.5	14	14	0.5	0.5	7.00		
2	162+12	0	LT	0.78	15	LT	0.76	162+12	0	LT	-0.7	15	LT	-0.7	15	15	1.48	1.48	22.20	18.00	**9.73**
3	161+88	0	LT	1.4	16	LT	1.4	161+90	0	LT	0	16	LT	0	16	16	1.4	1.4	22.40	23.00	**19.00**
4	161+74	0	LT	1.2	17	LT	1.2	161+75	0	LT	-0.2	17	LT	-0.2	17	17	1.4	1.4	23.80	14.50	**12.41**
5	161+58	0	LT	0.5	17	LT	0.5	161+57	0	LT	-0.2	17	LT	-0.2	17	17	0.7	0.7	11.90	1[illegible].00	**11.24**
6	161+46	0	LT	0.8	17	LT	0.8	161+45	0	LT	-0.3	17	LT	-0.3	17	17	1.1	1.1	18.70	12.00	**6.80**
																				Total	**59.174**

*Offset based on width of excavation; STA reading and offset were obtained in the middle of the excavation during XRF testing

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Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

Ash-Impacted Soil Transportation CO Summary

Area[1]	Remediation		Area Included in CO #1 Est.	Haul Status	Estimated Volume[2] (CY)	Volume to Weight Conversion (1 CY = 0.84 TN)	
	Type	Status				Weight (TN)	Total Cost
King Street Bridge #2	Unforeseen	Complete	No	Pending	340.00	285.60	$ 5,712.00
King Street Bridge #3	Unforeseen	Complete	No	Pending	250.00	210.00	$ 4,200.00
King Street Bridge #4	Unforeseen	Complete	No	Pending	163.33	137.20	$ 2,744.00
Parcel #089551 (Step 2)	Contract	Pending	-	Pending	1950.00	1638.00	$ 32,760.00
Remaining Ash Total						**2270.80**	$ 45,416.00
Ash Hauled to Date (2/15/2024)						39736.63	$ 794,732.60
Contract Total						24643.00	$ 492,860.00
CO #1 Total						2427.60	$ 48,552.00
Current Overage (Ash Hauled to Date)						**12666.03**	**$ 253,320.60**
Contingency						**2500.00**	**$ 50,000.00**
Est. CO #2 Quantity						**17436.83**	**$ 348,736.60**

Notes:
[1]Remaining contract remediation areas & unforeseen areas encountered as of 2/15/2024
[2]Based on field measured area (unforeseen) & previous remediation depth in that area; or plan volume (contract)

Contract No.: 71931-22
County: Duval
Project: McCoy's Creek Channel Restoration Phase 1A
Contractor: Kiewit Infrastructure South Co.
CEI: VIA Consulting Services, Inc.

TRLF Ash-Impacted Soil Transportation Summary

Month	Year	Days Hauled	Loads	Step 1 (TN)	Step 2 (TN)	Total (TN)
January	2023	2	46	**670.17**	**0.00**	**670.17**
February	2023	0	0	**0.00**	**0.00**	**0.00**
March	2023	10	338	**5273.31**	**240.07**	**5513.38**
April	2023	13	583	**8114.89**	**0.00**	**8114.89**
May	2023	16	924	**11350.09**	**870.18**	**12220.27**
June	2023	7	414	**6029.62**	**0.00**	**6029.62**
July	2023	4	184	**2364.28**	**0.00**	**2364.28**
August	2023	0	0	**0.00**	**0.00**	**0.00**
September	2023	1	45	**683.88**	**0.00**	**683.88**
October	2023	1	28	**498.73**	**0.00**	**498.73**
November	2023	1	4	**0.00**	**86.13**	**86.13**
December	2023	5	261	**1308.29**	**2246.99**	**3555.28**
Total		60	2827	**36293.26**	**3443.37**	**39736.63**
Contract Total (Bid)						**24643.00**
Contract Total (Change Order #1)						**2427.60**
Grand Total (Base + COs)						**27070.60**
Add'l Change Order Qty Needed						**12666.03**

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McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Unforeseen Conditions No. 2
Change Request No. 4: Unforeseen Concrete Debris Handling (11/30/2022 to 2/21/2023)
Change Request No. 10: Unforeseen Concrete Debris Handling (3/20/2023 to 6/3/2023)

Total Amount of this Change Request ..... $ 71,608.63
Time Extension ..... 0 Days

CR #4 Attachments

CR #4 Contractor's Request ..... $ 26,907.22 (Accepted)
CR #10 Contractor's Request ..... $ 44,701.41 (Accepted)
CR #4 Engineer's Estimate ..... $ 30,243.24
CR #10 Engineer's Estimate ..... $ 44,269.75

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EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 1

Project: McCoy's Creek Channel Improvements
Cont. No.

Date: 5/3/2023

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done
Cost and Impacts associated with finding concrete and other debris within Excavation. Work Through 3/1/23

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 6,394.14			$ 6,394.14	$ 6,394.14
					Subtotal Labor	$ 6,394.14
MATERIAL						
See Material back up sheet	1.00	$ -		$ -		$ -
						$ -
					Subtotal Material	$ -
EQUIPMENT						
See Equipment back up sheet	1.00	$ 14,516.49	$ 14,516.49			$ 14,516.49
						$ -
					Subtotal Equip.	$ 14,516.49
SUBCONTRACTOR						
Conrete Removal - Dumpster	2.00	LD	$ 150.00			$ 300.00
Concrete Removal - Trucking	23.00	Trucks	$ 100.00			$ 2,300.00
						$ -
						$ -
					Subtotal Subs.	$2,600.00
					SUBTOTAL:	$23,510.63

MARKUP

	Subtotal		M/U Rate	
Markup (Labor)	$ 6,394.14	X	15.00%	$ 959.12
Markup (Materials)	$ -	X	15.00%	$ -
Markup (Equipment)	$ 14,516.49	X	15.00%	$ 2,177.47
Markup (Subcontractor's Cost only)	$ 2,600.00	X	10.00%	$ 260.00
		X		
		X		
			Subtotal Markup:	$3,396.59
			Extra Work Sheet SUBTOTAL:	$26,907.22
Total Liability & Bond =		X	0.600%	$ -
		X		

Total Amount (Earnings to Cost Account No. _____

Extra Work Sheet OVERAL TOTAL: $26,907.22

Approved for Owner, Material or Sub-Contractor

By _____

Approved for Company

By _____

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LABOR

No.	Description	Type	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Total
1	[illegible]	PM/MC	4.00	1.50	1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00		1.00	1.00	1.00	16.50
2	[illegible]	Craft	4.00	4.00	1.00	1.00	2.00	2.00	2.00	1.00	3.00	3.00	5.00	1.00	1.00	4.00	5.00	9.00	49.00
3	[illegible]	Craft	5.00	4.50	1.50			4.00	2.00	1.00	3.00	3.00	5.00	2.00		2.00	5.00		47.00
4	[illegible]	Craft																	
5	[illegible]	Craft		10.00		9.00	9.00		5.00		2.00	2.00							17.00
6	Demo worker	Craft																	
7	Survey																		
	SUBTOTAL		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

EQUIPMENT COST

Description	Rate	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Total
Volvo 750 Excavator	$179.55	4 $ 718.20	4 $ 718.20	2 $ 359.10	2 $ 359.10	2 $ 359.10	2 $ 359.10	2 $ 359.10	2 $ 359.10	3 $ 538.65	3 $ 538.65	3 $ 538.65	2 $ 359.10	2 $ 359.10	2 $ 359.10	5 $ 897.75	$ -	40 $ 7,182.00
JD 544 Loader	$ 48.64	4	1.5 $ 72.96	1.5 $ 72.96	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	3 $ 145.92
Volvo A40 Haul Truck	$136.70	8 $1,093.60	3 $ 410.10	2 $ 273.40	$ -	$ -	4 $ 546.80	2 $ 273.40	2 $ 273.40	3 $ 410.10	3 $ 410.10	3 $ 410.10	2 $ 273.40	$ -	$ -	5 $ 683.50	$ -	37 $ 5,057.90
JD 850 Dozer	$124.20	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	5 $ 621.00	$ -	$ -	$ -	$ -	$ -	5 $ 621.00
CAT 730 Haul Truck	$174.74	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	2 $ 349.48	$ -	$ -	2 $ 349.48
Volvo 220 Excavator	$124.99	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	9 $ [illegible]	9 $ [illegible]
SUB TOTAL		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA @	FUTA @	SUTA @	Worker's Compensation @	Insurance (GL) @	Applicable Per Diem (per Hr)	Medical Insurance @	Staff Total 401K @	Craft Retirement Benefit @	PTO @	Craft Incentive @	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.68%	0.08%	0.04%	1.29%	0.26%		19.66%	5.27%		15.10%				6.00%	
	2022 Add-On %	Craft				2022 Craft		7.68%	0.08%	0.04%	1.29%	0.26%		$ 1.83		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FWWC	18.5	0.0	$ 45.37	$ 22.69	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$6.85	$0.00	$69.85	$0.00	$69.26	$ 1,152.52
2	Operator (High)	Craft		49.0	0.0	$ 32.00	$ -	[illegible]	$0.03	$0.02	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.66	$0.00	$0.00	$ 2,139.50
3	Operator (Medium)	Craft		47.0	0.0	$ 31.00	$ -	[illegible]	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ 2,000.82
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		37.0	0.0	$ 25.00	$ -	[illegible]	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ 1,101.31
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	0.0	0.0	$ 41.50	$ -	[illegible]	$0.03	$0.02	$0.54	$0.10	$6.25	$4.36	$2.19	$0.00	$6.27	$0.00	$64.42	$0.00	$0.00	$ -
8																						
9																						
10																						
11																						
12																					TOTAL	$ 8,394.14

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EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 11

Date: 6/12/2023

Project: McCoy's Creek Channel Improvements
Cont. No. _____

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done
Concrete debris removal from excavations. Removal of concrete structure west of Stockton. Through 6/3/23

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 9,979.66			$ 9,979.66	$ 9,979.66
					Subtotal Labor	$ 9,979.66
MATERIAL						
See Material back up sheet	1.00	$ -		$ -		$ -
						$ -
					Subtotal Material	$ -
EQUIPMENT						
See Equipment back up sheet	1.00	$ 20,757.10	$ 20,757.10			$ 20,757.10
Florida Region Adjustment (-2.1%)	1.00	$ (435.90)	$ (435.90)			$ (435.90)
Herc Rentals - Hoe Ram	1.00		$ 3,835.15			$ 3,835.15
					Subtotal Equip.	$ 24,156.35
SUBCONTRACTOR						
Concrete Removal - Trucking	48.00	Trucks	$ 100.00			$ 4,800.00
Concrete Removal - Dumpster	1.00		$ 150.00			$ 150.00
						$ -
					Subtotal Subs.	$4,950.00

MARKUP

	Subtotal		M/U Rate	
Markup (Labor)	$ 9,979.66	X	15.00%	$ 1,496.95
Markup (Materials)	$ -	X	15.00%	$ -
Markup (Equipment)	$ 24,156.35	X	15.00%	$ 3,623.45
Markup (Subcontractor's Cost only)	$ 4,950.00	X	10.00%	$ 495.00
		X		
		X		
			Subtotal Markup:	$5,615.40
			Extra Work Sheet SUBTOTAL:	$44,701.41
Total Liability & Bond =		X	0.600%	$ -
		X		

Total Amount (Earnings to Cost Account No. _____

Extra Work Sheet OVERAL TOTAL: $44,701.41

Approved for Owner, Material or Sub-Contractor

By _____

Approved for Company

By _____

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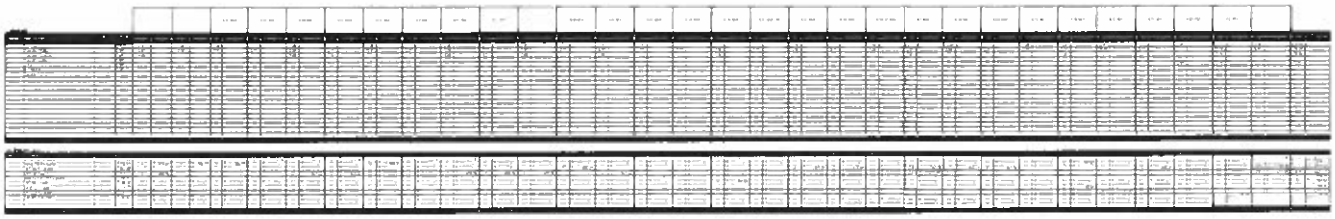

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Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA	FUTA	SUTA	Worker's Compensation	Insurance (GL)	Applicable Per Diem (per Hr)	Medical Insurance	Staff Total 401K	Craft Retirement Benefit	PTO	Craft Incentive	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.65%	0.06%	0.06%	1.29%	0.26%		10.56%	6.27%		16.10%				6.00%	
	2022 Add-On %	Craft				2022 Craft		7.65%	0.06%	0.06%	1.29%	0.26%	1100.00%	$ 1.63		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FVWC	45.5	0.0	$ 45.37	$ 22.69	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$8.85	$0.90	$69.65	$0.00	$190.99	$ 3 178.16
2	Operator (High)	Craft		116.0	0.0	$ 32.00	$ -	[illegible]	$0.03	$0.03	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.66	$0.00	$0.00	$ 5 064.93
3	Operator (Medium)	Craft		34.5	0.0	$ 31.00	$ -	[illegible]	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ 1 468.69
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		9.0	0.0	$ 25.00	$ -	[illegible]	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ 267.89
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	0.0	0.0	$ 41.50	$ -	[illegible]	$0.03	$0.03	$0.54	$0.10	$6.25	$4.38	$2.19	$0.00	$8.27	$0.00	$64.42	$0.00	$0.00	$ -
8																						
9																						
10																						
11																						
12																						
																					TOTAL	$ 9,979.66

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ENGINEERS ESTIMATE FOR CHANGE ORDER

PROJECT:	McCoy's Creek Channel Restoration Phase 1A
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	Concrete Debris Handling (11/30/22 to 2/21/23)
DATE:	6/23/2023

VIA CONSULTING SERVICES, INC.

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Foreman	16.5	Hrs.	$ 45.37	53.96%	$ 1,152.55	
Operator - Volvo 220 Excavator	9	Hrs.	$ 32.00	37.32%	$ 395.48	
Operator - Volvo 350 Excavator	40	Hrs.	$ 32.00	37.32%	$ 1,757.70	
Operator - Volvo A30G Haul Truck	37	Hrs.	$ 31.00	37.32%	$ 1,575.06	
Operator - CAT 730 Haul Truck	2	Hrs.	$ 31.00	37.32%	$ 85.14	
Operator - JD344 Loader	3	Hrs.	$ 31.00	37.32%	$ 127.71	
Operator - JD650 Dozer	5	Hrs.	$ 31.00	37.32%	$ 212.85	
Laborer (Carpenter)	37	Hrs.	$ 25.00	37.32%	$ 1,270.21	
SUBTOTAL WITH BURDEN					$ 6,576.69	
MARKUP		15.0%			$ 986.50	
TOTAL LABOR COST					$ 7,563.20	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
Volvo 220 Excavator	9	Hrs.	$ 124.78	$ 1,123.02	Equipment Watch
Volvo 350 Excavator	40	Hrs.	$ 177.31	$ 7,092.40	Equipment Watch; KISC rate = $156.27
Volvo A30G Haul Truck	37	Hrs.	$ 216.77	$ 8,020.49	Equipment Watch; KISC rate = $136.70
CAT 730 Haul Truck	2	Hrs.	$ 179.87	$ 359.74	Equipment Watch
JD344 Loader	7	Hrs.	$ 48.04	$ 336.28	Equipment Watch; KISC rate = $98.18
JD650 Dozer	5	Hrs.	$ 117.97	$ 589.85	Equipment Watch; KISC rate = $124.20
EQUIPMENT SUBTOTAL				$ 17,521.78	
MARKUP		15.0%		$ 2,628.27	
TOTAL EQUIPMENT COST				$ 20,150.05	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
MATERIALS SUBTOTAL				$ -	
SUBTOTAL w/ TAX		7.5%		$ -	
MATERIALS SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL MATERIALS COST				$ -	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
Offsite Trucking Subcontractor (United Brothers)	23	Load	$ 100.00	$ 2,300.00	Trucking & Disposal (see email quote)
SUBTOTAL SUBCONTRACTS				$ 2,300.00	
MARKUP		10%		$ 230.00	
TOTAL SUBCONTRACTS				$ 2,530.00	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 30,243.24
TOTAL COST:	$ 30,243.24

Prepared By:

Corey Chascin, P.E.
Project Administrator

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McCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION - PHASE 1A
CGI PROJECT NO. 71901-22

Concrete Debris Handling (11/30/22 to 2/21/23) - Extra Work Time Summary

		Personnel Cumulative Hours									Equipment Cumulative Hours						
Date	Description	PERSONNEL TOTAL	Foreman	Operator - Volvo 220 Excavator	Operator - Volvo 350 Excavator	Operator - Volvo A30G Haul Truck	Operator - CAT 730 Haul Truck	Operator - JD344 Loader	Operator - JD650 Dozer	Laborer (Carpenter)	EQUIPMENT TOTAL	Volvo 220 Excavator	Volvo 350 Excavator	Volvo A30G Haul Truck	CAT 730 Haul Truck	JD344 Loader	JD650 Dozer
11/30/2022	Loaded and hauled concrete debris from VRSS Wall #2A to east pond laydown (11 loads)	16	4		4	8					16		4	8		4	
12/1/2022	Loaded and hauled concrete debris from VRSS Wall #2A to east pond laydown (4 loads)	20	1.5		4	3		1.5		10	15		4	3		1.5	
12/2/2022	Loaded and hauled concrete debris from VRSS Wall #2A to east pond laydown (3 loads)	8.5	1		2	2		1.5			5.5		2	2		1.5	
12/5/2022	Segregated concrete debris from VRSS Wall #2A excavation spoils	12	1		2					9	2		2				
12/6/2022	Segregated concrete debris from VRSS Wall #2A excavation spoils	12	1		2					9	2		2				
12/7/2022	Loaded and hauled concrete debris from VRSS Wall #2A to Stockton laydown yard (10 loads)	6			2	4					6		2	4			
12/8/2022	Loaded and hauled concrete debris from VRSS Wall #2A to Stockton laydown yard (8 loads)	10	1		2	2				5	4		2	2			
12/9/2022	Loaded and hauled concrete debris from VRSS Wall #2A to Stockton laydown yard (3 loads)	5	1		2	2					4		2	2			
12/12/2022	Loaded and hauled concrete debris from VRSS Wall #2A to Stockton laydown yard (15 loads)	9	1		3	3				2	6		3	3			
12/13/2022	Loaded and hauled concrete debris from VRSS Wall #2A to east pond (7 loads)	8	1		3	3				2	6		3	3			
12/14/2022	Loaded and hauled concrete debris from VRSS Wall #2A to east pond (40 loads)	11			3	3			5		11		3	3			5
12/19/2022	Loaded and hauled concrete debris from VRSS Wall #2A to east pond (2 loads)	5	1		2	2					4		2	2			
1/13/2023	Excavated and stockpiled unsuitable fill from Bellingham Marine (6 loads)	2			2						2		2				
1/31/2023	Loaded and hauled concrete debris from VRSS Wall #2A to stockpile area	11	1		5	5					10		5	5			
2/1/2023	Segregated concrete debris from VRSS Wall #2A excavation spoils	5	1		2		2				4		2		2		
2/21/2023	Loaded and hauled concrete debris from VRSS Wall #2A offsite (4 loads)	10	1	9							9	9					
Totals			18.5	9	40	37	2	3	5	37		9	40	37	2	7	5

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ENGINEERS ESTIMATE FOR CHANGE ORDER

PROJECT:	McCoy's Creek Channel Restoration Phase 1A
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	Concrete Debris Handling (3/20/23 to 6/3/23)
DATE:	8/23/2023

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Foreman	45.5	Hrs.	$ 45.37	53.96%	$ 3,178.25	
Operator - Volvo 200 Excavator	41	Hrs.	$ 32.00	37.32%	$ 1,801.64	
Operator - Volvo 200 Excavator w/ Hammer	21.5	Hrs.	$ 32.00	37.32%	$ 944.76	
Operator - Volvo 220 Excavator	20	Hrs.	$ 32.00	37.32%	$ 878.85	
Operator - Volvo 220 Excavator w/ Hammer	2	Hrs.	$ 32.00	37.32%	$ 87.88	
Operator - CAT 323 Excavator	10	Hrs.	$ 32.00	37.32%	$ 439.42	
Operator - CAT 340 Excavator	16.5	Hrs.	$ 32.00	37.32%	$ 725.05	
Operator - Volvo 340 Excavator	3	Hrs.	$ 32.00	37.32%	$ 131.83	
Operator - Case 721 Loader	2	Hrs.	$ 32.00	37.32%	$ 87.88	
Operator - CAT 730 Haul Truck	26.5	Hrs.	$ 31.00	37.32%	$ 1,128.08	
Operator - CAT 950 Loader	3	Hrs.	$ 31.00	37.32%	$ 127.71	
Operator - JD245 Loader	2	Hrs.	$ 31.00	37.32%	$ 85.14	
Operator - CAT Skid Steer	3	Hrs.	$ 31.00	37.32%	$ 127.71	
Laborer (Carpenter)	9	Hrs.	$ 25.00	37.32%	$ 308.97	
SUBTOTAL WITH BURDEN					$ 10,053.18	
MARKUP		15.0%			$ 1,507.98	
TOTAL LABOR COST					$ 11,561.15	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
Volvo 200 Excavator	41	Hrs.	$ 106.78	$ 4,377.98	Equipment Watch
Volvo 200 Excavator w/ CAT H130S Hammer	21.5	Hrs.	$ 106.78	$ 2,295.77	Equipment Watch - Volvo 200 Excavator only
Volvo 220 Excavator	20	Hrs.	$ 124.78	$ 2,495.60	Equipment Watch
Volvo 220 Excavator w/ CAT H130S Hammer	2	Hrs.	$ 124.78	$ 249.56	Equipment Watch - Volvo 220 Excavator only
CAT 323 Excavator	10	Hrs.	$ 134.27	$ 1,342.70	Equipment Watch
CAT 340 Excavator	19.5	Hrs.	$ 189.11	$ 3,687.65	Equipment Watch
Case 721 Loader	2	Hrs.	$ 74.77	$ 149.54	Equipment Watch rate provided by KISC
CAT 730 Haul Truck	26.5	Hrs.	$ 174.74	$ 4,630.61	Equipment Watch rate provided by KISC
CAT 950 Loader	3	Hrs.	$ 90.36	$ 271.08	Equipment Watch
JD245 Loader	2	Hrs.	$ 134.21	$ 268.42	Equipment Watch
CAT 289 Skid Steer	3	Hrs.	$ 82.30	$ 246.90	Equipment Watch
CAT H130S Hammer (HercRentals)	1	LS	$ 1,147.65	$ 1,147.65	Invoice No. 33694638-001
CAT H130S Hammer (HercRentals)	0.5	LS	$ 5,375.00	$ 2,687.50	Invoice No. 33752257-001*
					*Remaining amount to be compensated on future CO
EQUIPMENT SUBTOTAL				$ 23,850.96	
MARKUP		15.0%		$ 3,577.64	
TOTAL EQUIPMENT COST				$ 27,428.60	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
MATERIALS SUBTOTAL				$ -	
SUBTOTAL w/ TAX		7.5%		$ -	
MATERIALS SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL MATERIALS COST				$ -	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
Offsite Trucking (United Brothers)	48	Load	$ 100.00	$ 4,800.00	
SUBTOTAL SUBCONTRACTS				$ 4,800.00	
MARKUP		10%		$ 480.00	
TOTAL SUBCONTRACTS				$ 5,280.00	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 44,269.75
TOTAL COST:	$ 44,269.75

Prepared By:

Corey Chascin, P.E.
Project Administrator

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Consorzio Doline Handling (1929/2) to 6/3/23 - Exists Work Time Summary

		Fabrizio Lattanzio Orario																		Fabrizio Lattanzio Extra											
Data	Descrizione	Orario giornaliero 7:57 ore	Ore 40 7:57 ore	Straordinari 1	Straordinari - notturno 20% 5 maggiorazione	Straordinari - festivo 30% 6 maggiorazione	Straordinari - notturno festivo 40% 7 maggiorazione	Straordinari - notturno 20% 12 maggiorazione	Straordinari - festivo 30% 13 maggiorazione	Straordinari - notturno festivo 40% 14 maggiorazione	Straordinari - 15 maggiorazione	Straordinari - festivo 15 maggiorazione	Straordinari - festivo notturno 15 maggiorazione	Straordinari - festivo notturno festivo 15 maggiorazione	Straordinari - festivo notturno festivo notturno 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno festivo 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno 15 maggiorazione	Straordinari - festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo notturno festivo 15 maggiorazione	Totale ore 20% 8 maggiorazione	Totale ore 30% 9 maggiorazione	Totale ore 40% 10 maggiorazione	Totale ore 20% 11 maggiorazione	Ex 7 ore 15 maggiorazione	Ex 7 ore 15 maggiorazione	Ex 7 ore 15 maggiorazione	Ex 7 ore 15 maggiorazione	Ex 7 ore 15 maggiorazione	Ex 7 ore 15 maggiorazione	Ex 7 ore 15 maggiorazione	Ex 7 ore 15 maggiorazione
[illegible]	[illegible]	12		7	4		4						9						12	8		8						4			
[illegible]	[illegible]	4		1			3												3			3									
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[illegible]	[illegible]	9		1	4								3						9	6								3			
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[illegible]	[illegible]	12		2	4								4						6	4								4			
[illegible]	[illegible]	5		1	2								2						4	3								2			
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[illegible]	[illegible]	11.5		2	3	1.5							3						9.5	1	2.5							3			
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[illegible]	[illegible]	1			1														1	1											
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[illegible]	[illegible]	3		3													3		6												
[illegible]	[illegible]	11		1		10													11		10										
[illegible]	[illegible]	16		8		8													8		8										
Totale		265	12	53.5	41	23.5	36	3	12	11.5	3	3	26.5	3	3	3	3	3	109.5	41	20.5	29	3	12	12.5	3	3	26.5	3	3	3

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VIA Consulting Services, Inc.

Engineering, Administration and Inspection Services

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Unforeseen Conditions No. 3
Change Request No. 6: Unforeseen Ash Exploration & Impacts (1/2023 to 2/2023)

Total Amount of this Change Request ..... $ 9,691.69
Time Extension ..... 0 Days

Attachments
Contractor's Request ..... $ 9,691.69 (Accepted)
Engineer's Estimate ..... $ 9,279.89

10250 Normandy Blvd., Suite 304, Jacksonville, FL 32221
www.via-cs.com

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EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 1

Project: McCoy's Creek Channel Improvements
Cont. No. _____

Date: 11/28/2022

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 3,324.08			$ 3,324.08	$ 3,324.08
					Subtotal Labor	$ 3,324.08
MATERIAL						
See Material back up sheet	1.00	$ -		$ -		$ -
						$ -
					Subtotal Material	$ -
EQUIPMENT						
See Equipment back up sheet	1.00	$ ~~6,454.95~~	$ ~~6,454.95~~		$5,212.95	$ ~~6,454.95~~
Florida Region Adjustment (-2.1%)	1.00	$ ~~(135.55)~~	$ ~~(135.55)~~		($109.47)	$ ~~(135.55)~~
		($109.47)	($109.47)		Subtotal Equip.	$ ~~6,319.39~~
SUBCONTRACTOR						
						$ -
						$ -
						$ -
						$ -
					Subtotal Subs.	
					SUBTOTAL:	~~$9,643.47~~

MARKUP

	Subtotal			M/U Rate		
Markup (Labor)	$ 3,324.08		X	15.00%		$ 498.61
Markup (Materials)	$ -		X	15.00%		$ -
Markup (Equipment)	$ ~~6,319.39~~	$5,103.48	X	15.00%	$765.52	$ ~~947.91~~
Markup (Subcontractor's Cost only)	$ -		X	10.00%		$ -
			X			
			X			$1,264.13
					Subtotal Markup:	~~$1,446.52~~
					Extra Work Sheet SUBTOTAL:	~~$11,090.00~~
Total Liability & Bond =			X	0.600%		$ $9,691.69
			X			

Total Amount (Earnings to Cost Account No. _____

Extra Work Sheet OVERAL TOTAL: ~~$11,090.00~~

$9,691.69

Approved for Owner, Material or Sub-Contractor

By _____

Approved for Company

By _____

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LABOR HR

Employee #	Employee Name	Foreman	Craft Type	[illegible]		[illegible]		1/5/2023		1/6/2023		2/1/2023		2/2/2023				TOTAL	
1	Foreman		FWWC	1.50		3.00		3.00		3.00		4.00		5.00				15.50	
2	Operator (High)		Craft	1.50		3.00		3.00		3.00		7.00						15.50	
3	Operator (Medium)		Craft					9.00		3.00		3.50						15.50	
4	Operator (Low)		Craft																
5	Laborer		Craft	1.50								10.50						12.00	
6	Ironworker		Craft																
7	Survey			5.5		3.0		3.0		3.0								8.50	
	SUBTOTAL			6		9		18		6		25		5				67	

EQUIPMENT COST

Equip. #	Description	Rate	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
	Excavator 36-39 MT	$ 156.27	1.5	$ 234.41	3	$ 468.81	3	$ 468.81	1	$ 156.27	7	$ 1,093.89	4	$ 625.08		$ -	19.5	$ 3,047.27	
	Excavator 8-10 MT	$ 96.83		$ -		$ -		$ -		$ -		$ -	1	$ 96.83		$ -	1	$ 96.83	
	Skid Steer	$ 83.62		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	Articulating 30 ton off-road truck	$ 136.70		$ -		$ -	6	$ 820.20	2	$ 273.40	3.5	$ 478.45		$ -		$ -	11.5	$ 1,572.05	
	3/4 T Crew pick up	$ 17.18		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	Vac Truck	$ 70.45		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	Maintenance Truck	$ 43.35		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	Loader	$ 98.18		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	RT Crane 30-49 Ton	$ 253.29		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	Welder	$ 11.35		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	Mo Pac	$ 31.78		$ -		$ -		$ -		$ -		$ -		$ -		$ -	4	$ 540.80	
	Crawler Dozer	$ 124.20		$ -		$ -	3	$ 372.60	1	$ 124.20		$ -	~~40~~	~~$ 4,242.00~~		$ -	~~44~~	~~$ 4,738.80~~	
	Roller	$ 139.18		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	
	SUBTOTAL		1.5	$ 234	3	$ 469	12	$ 1,662	4	$ 554	10.5	$ 1,572	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

5 $721.91 36 $8,212.05

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Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA @	FUTA @	SUTA @	Worker's Compensation @	Insurance (GL) @	Applicable Per Diem (per Hr)	Medical Insurance @	Staff Total 401K @	Craft Retirement Benefit @	PTO @	Craft Incentive @	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.65%	0.06%	0.06%	1.29%	0.25%		10.85%	6.27%		16.10%				6.00%	
	2022 Add-On %	Craft				2022 Craft		7.65%	0.06%	0.06%	1.29%	0.25%		$ 1.63		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FVWC	15.5	0.0	$ 45.37	$ 22.69	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$6.85	$0.00	$89.85	$0.00	$65.06	$ 1,082.67
2	Operator (High)	Craft		15.5	0.0	$ 32.00	$ -	[illegible]	$0.03	$0.02	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.66	$0.00	$0.00	$ 676.78
3	Operator (Medium)	Craft		15.5	0.0	$ 31.00	$ -	[illegible]	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ 659.84
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		12.0	0.0	$ 25.00	$ -	[illegible]	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ 357.18
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	8.5	0.0	$ 41.50	$ -	[illegible]	$0.03	$0.02	$0.54	$0.10	$6.25	$4.38	$2.19	$0.00	$6.27	$0.00	$64.42	$0.00	$29.67	$ 547.61
8																						
9																						
10																						
11																						
12																						
																					TOTAL	$ 3,324.09

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ENGINEERS ESTIMATE FOR CHANGE ORDER

PROJECT:	McCoy's Creek Channel Restoration Phase 1A
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	Unforeseen Ash Exploration
DATE:	5/17/2023

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Foreman	15.5	Hrs.	$ 45.37	53.96%	$ 1,082.70	
Operator - Volvo 220 Excavator	3	Hrs.	$ 32.00	37.32%	$ 131.83	
Operator - Volvo 350 Excavator	9	Hrs.	$ 32.00	37.32%	$ 395.48	
Operator - JD245 Excavator	3.5	Hrs.	$ 32.00	37.32%	$ 153.80	
Operator - Volvo A30G Haul Truck	4	Hrs.	$ 31.00	37.32%	$ 170.28	
Operator - CAT 730 Haul Truck	7.5	Hrs.	$ 31.00	37.32%	$ 319.27	
Operator - CAT D6 Dozer	4	Hrs.	$ 31.00	37.32%	$ 170.28	
Laborer	12	Hrs.	$ 25.00	37.32%	$ 411.96	
Survey	8.5	Hrs.	$ 41.50	53.96%	$ 543.09	Survey included for unforeseen ash exploration
SUBTOTAL WITH BURDEN					$ 3,378.68	
MARKUP		15.0%			$ 506.80	
TOTAL LABOR COST					$ 3,885.49	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
Volvo 220 Excavator	3	Hrs.	$ 124.78	$ 374.34	Equipment Watch
Volvo 350 Excavator	1.5	Hrs.	$ 177.31	$ 265.97	Equipment Watch: KISC rate = $156.27
Volvo 350 Excavator (Idle)	7.5	Hrs.	$ 128.88	$ 966.60	Equipment Watch
JD245 Excavator	1	Hrs.	$ 134.19	$ 134.19	Equipment Watch
JD245 Excavator (Idle)	3.5	Hrs.	$ 92.85	$ 324.98	Equipment Watch
Mini Excavator	4	Hrs.	$ 59.95	$ 239.80	Equipment Watch
Volvo A30G Haul Truck (Idle)	7.5	Hrs.	$ 164.65	$ 1,234.88	Equipment Watch: KISC rate = $136.70
CAT 730 Haul Truck (Idle)	4	Hrs.	$ 138.26	$ 553.04	Equipment Watch
CAT D6 Dozer (Idle)	4	Hrs.	$ 149.25	$ 597.00	Equipment Watch
EQUIPMENT SUBTOTAL				$ 4,690.79	
MARKUP		15.0%		$ 703.62	
TOTAL EQUIPMENT COST				$ 5,394.40	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
MATERIALS SUBTOTAL				$ -	
SUBTOTAL w/ TAX		7.5%		$ -	
MATERIALS SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL MATERIALS COST				$ -	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
SUBTOTAL SUBCONTRACTS				$ -	
MARKUP		10%		$ -	
TOTAL SUBCONTRACTS				$ -	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 9,279.89
TOTAL COST:	$ 9,279.89

Prepared By:

Corey Chascin, P.E.
Project Administrator

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McCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION - PHASE 1A
COJ PROJECT NO. 71831-22

Unforeseen Ash Exploration - Extra Work Time Summary

	Personnel Cumulative Hours										Equipment Cumulative Hours							
Date	PERSONNEL TOTAL	Foreman	Survey	Operator - Volvo 220 Excavator	Operator - Volvo 360 Excavator	Operator - JD245 Excavator	Operator - Volvo A30D Haul Truck	Operator - CAT 730 Haul Truck	Operator - JD344 Loader	Operator - JD850 Dozer	EQUIPMENT TOTAL	Volvo 220 Excavator	Volvo 360 Excavator	Volvo 360 Excavator (Mike)	JD245 Excavator	JD245 Excavator (Mike)	Mini Excavator	Description
1/3/2023	8	1.5	1.5		1.5						1.5		1.5					Exploratory digs for ash on the E side of Stockton Street bridge and Stockton laydown yard
1/4/2023	9	3	3	3							3	3						Exploratory digs for ash on the E side of Stockton Street bridge and Stockton laydown yard
1/5/2023	10	1	3		3		3	3			12			3				Time impact for ash encountered at east pond laydown (STA 114+00)
1/6/2023	6	1	1		1		1	1			4			1				KRF testing for ash encountered at east pond laydown (STA 114+00)
2/1/2023	26	4			3.5	3.5		3.5			10.5			3.5		3.5		Time impact due to suspected ash at VRSS Wall #2A (STA 117+00)
2/2/2023	8	8									6				1		4	Exploratory digs for ash encountered at VRSS Wall #2A (STA 117+00)
Totals		19.5	6.5	3	9	3.5	4	7.5	8	0		3	1.5	7.5	1	3.5	4	

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VIA Consulting Services, Inc.

Engineering, Administration and Inspection Services

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Unforeseen Conditions No. 4
Change Request No. 7: Trucking Backfill from Bellingham

Total Amount of this Change Request ..... $ 43,755.67
Time Extension ..... 0 Days

Attachments
Contractor's Request ..... $ 65,775.42
Engineer's Estimate ..... $ 43,755.67 (Accepted)

10250 Normandy Blvd., Suite 304, Jacksonville, FL 32221
www.via-cs.com

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EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 1

Date: 11/28/2022

Project: McCoy's Creek Channel Improvements
Cont. No. _____

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done: On-road trucking from Bellingham Marine to King St ponds for embankment operations due to the discovery of unknown Ash within phase 1 area. Kiewit originally anticipated to utilize off-road haul truck to complete pond embankment

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 851.41			$ 851.41	$ 851.41
					Subtotal Labor	**$ 851.41**
MATERIAL						
See Material back up sheet	1.00	$ -		$ -		$ -
						$ -
					Subtotal Material	**$ -**
EQUIPMENT						
See Equipment back up sheet	1.00	$ (19,388.00)	$ (19,388.00)			$ (19,388.00)
						$ -
					Subtotal Equip.	**$ (19,388.00)**
SUBCONTRACTOR						
Green Rock	791.75	$100.00				$ 79,175.00
						$ -
						$ -
						$ -
					Subtotal Subs.	**$79,175.00**
					SUBTOTAL:	**$60,638.41**

MARKUP

	Subtotal		M/U Rate	
Markup (Labor)	$ 851.41	X	15.00%	$ 127.71
Markup (Materials)	$ -	X	15.00%	$ -
Markup (Equipment)	$ (19,388.00)	X	15.00%	$ (2,908.20)
Markup (Subcontractor's Cost only)	$ 79,175.00	X	10.00%	$ 7,917.50
		X		
		X		
			Subtotal Markup:	**$5,137.01**
			Extra Work Sheet SUBTOTAL:	**$65,775.42**
Total Liability & Bond =		X	0.600%	$ -
		X		

Total Amount (Earnings to Cost Account No. _____
_____

Extra Work Sheet OVERAL TOTAL: **$65,775.42**

Approved for Owner, Material or Sub-Contractor

By _____

Approved for Company

By _____

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				Haul Truck Credit		1/10/2023		1/11/2023											
LABOR HR																			
Employee #	Employee Name	Position	Craft Type															TOTAL	
1	Foreman		FWWC																
2	Operator (High)		Craft																
3	Operator (Medium)		Craft			10.00		10.00										20.00	
4	Operator (Low)		Craft																
5	Laborer		Craft																
6	Ironworker		Craft																
7	Survey																		
SUBTOTAL						10		10										20	

EQUIPMENT COST																			
Equip #	Description		Rate																
	Volvo A30 Haul Truck		$ 136.70	-160	$ (21,872.00)		$ -		$ -		$ -		$ -		$ -		$ -	-160	$ (21,872.00)
	Deere 650K Dozer		$ 124.20		$ -	10	$ 1,242.00	10	$ 1,242.00		$ -		$ -		$ -		$ -	20	$ 2,484.00
SUBTOTAL				-160	$ (21,872.00)	10	$ 1,242.00	10	$ 1,242.00		$ -		$ -		$ -		$ -	-140	$ (19,388.00)

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Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA @	FUTA @	SUTA @	Worker's Compensation @	Insurance (GL) @	Applicable Per Diem (per Hr)	Medical Insurance @	Staff Total 401K @	Craft Retirement Benefit @	PTO @	Craft Incentive @	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.65%	0.08%	0.06%	1.29%	0.25%		10.66%	6.27%		15.10%				6.00%	
	2022 Add-On %	Craft				2022 Craft		7.65%	0.08%	0.06%	1.29%	0.25%		$ 1.63		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FWWC	0.0	0.0	$ 45.37	$ -	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$6.85	$0.00	$69.85	$0.00	$0.00	$ -
2	Operator (High)	Craft		0.0	0.0	$ 32.00	$ -	[illegible]	$0.03	$0.02	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.98	$0.00	$0.00	$ -
3	Operator (Medium)	Craft		20.0	0.0	$ 31.00	$ -	[illegible]	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ 851.41
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		0.0	0.0	$ 23.00	$ -	[illegible]	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ -
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	0.0	0.0	$ 41.50	$ -	[illegible]	$0.03	$0.02	$0.54	$0.10	$6.25	$4.38	$2.19	$0.00	$6.27	$0.00	$64.42	$0.00	$0.00	$ -
8																						
9																						
10																						
11																						
12																						
																					TOTAL	$ 851.41

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ENGINEERS ESTIMATE FOR CHANGE ORDER

PROJECT:	McCoy's Creek Channel Restoration Phase 1A
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	Trucking from Bellingham
DATE:	8/22/2023

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Operator - JD650 Dozer	20	Hrs.	$ 31.00	37.32%	$ 851.38	
Operator - Volvo A30G Haul Truck	-160	Hrs.	$ 31.00	37.32%	$ (6,811.07)	
SUBTOTAL WITH BURDEN					$ (5,959.69)	
MARKUP		15.0%			$ (893.95)	
TOTAL LABOR COST					$ (6,853.64)	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
JD650 Dozer	20	Hrs.	$ 117.97	$ 2,359.40	Equipment Watch; KISC rate = $124.20
Volvo A30G Haul Truck	-160	Hrs.	$ 136.70	$ (21,872.00)	KISC haul truck credit
EQUIPMENT SUBTOTAL				$ (19,512.60)	
MARKUP		15.0%		$ (2,926.89)	
TOTAL EQUIPMENT COST				$ (22,439.49)	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
MATERIALS SUBTOTAL				$ -	
SUBTOTAL w/ TAX		7.5%		$ -	
MATERIALS SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL MATERIALS COST				$ -	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
Green Rock Trucking	664.08	Hrs.	$ 100.00	$ 66,408.00	
SUBTOTAL SUBCONTRACTS				$ 66,408.00	
MARKUP		10%		$ 6,640.80	
TOTAL SUBCONTRACTS				$ 73,048.80	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 43,755.67
TOTAL COST:	$ 43,755.67

Prepared By:

Corey Chascin, P.E.
Project Administrator

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McCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION - PHASE 1A
COJ PROJECT NO. 71931-22

Trucking from Bellingham - Extra Work Time Summary

	Personnel Cumulative Hours				Equipment Cumulative Hours				
Date	Foreman	Operator - Volvo A30G Haul Truck	Operator - JD650 Dozer	Laborer	Volvo A30G Haul Truck	JD650 Dozer			Description
1/10/2023			10			10			Excavated material from Bellingham Marine due to ash impact
1/11/2023			10			10			Excavated material from Bellingham Marine due to ash impact
		-160							
Totals	0	-160	20	0	0	20	0	0	

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McCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION - PHASE 1A
COJ PROJECT NO. 71931-22

Trucking from Bellingham - Accepted Trucking Ticket Hours

Date	Total Hours	Total Hours Accepted	Comments
1/10/2023	33.50	33.50	
1/11/2023	73.75	73.75	
1/12/2023	34.00	32.50	Remediation for Parcel #089974 performed on this day (Claude Street)
1/13/2023	80.58	67.58	Remediation for Parcel #089974 performed on this day (Claude Street)
1/16/2023	76.33	56.33	Remediation for Radio Bldg cul-de-sac performed on this day (King/Heywood)
1/17/2023	60.75	40.75	Remediation for Radio Bldg cul-de-sac performed on this day (King/Heywood)
1/18/2023	71.50	50.75	Exploratory digs (potholing) at Stockton Laydown Yard and Ash Transport to Stockton Ash Yard performed on this day
1/19/2023	67.75	67.75	
1/20/2023	50.00	50.00	
1/23/2023	53.75	53.75	
1/24/2023	47.25	47.25	
1/25/2023	52.92	52.92	
1/26/2023	37.25	37.25	
1/30/2023	3.50	0.00	Not signed by KISC; project location is incorrect
1/31/2023	10.00	0.00	Truck utilized for ash hauling (Manifest # 128163, 128170, 128230); Hauling for concrete captured under separate EWS
	752.83	**664.08**	

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VIA Consulting Services, Inc.

Engineering, Administration and Inspection Services

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Additional Scope No. 1
Change Request No. 5: Utility Exploratory Soft Digs

Total Amount of this Change Request ..... $ 65,237.55
Time Extension ..... 0 Days

Attachments

Contractor's Request ..... $ 81,869.26
Engineer's Estimate ..... $ 65,237.55 (Accepted)

10250 Normandy Blvd., Suite 304, Jacksonville, FL 32221
www.via-cs.com

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 1

Project: McCoy's Creek Channel Improvements
Cont. No. _____

Date: 5/5/2023

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done: Potholing of utilities and survey support for as-building utilities.

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 5,798.22			$ 5,798.22	$ 5,798.22
					Subtotal Labor	$ 5,798.22
MATERIAL						
See Material back up sheet	1.00	$ -		$ -		$ -
						$ -
					Subtotal Material	$ -
EQUIPMENT						
See Equipment back up sheet	1.00	$ 1,546.20	$ 1,546.20			$ 1,546.20
						$ -
					Subtotal Equip.	$ 1,546.20
SUBCONTRACTOR						
Badger	1.00	$66,748.34				$ 66,748.34
						$ -
						$ -
						$ -
					Subtotal Subs.	$66,748.34
					SUBTOTAL:	$74,092.76

MARKUP

	Subtotal		M/U Rate	
Markup (Labor)	$ 5,798.22	X	15.00%	$ 869.73
Markup (Materials)	$ -	X	15.00%	$ -
Markup (Equipment)	$ 1,546.20	X	15.00%	$ 231.93
Markup (Subcontractor's Cost only)	$ 66,748.34	X	10.00%	$ 6,674.83
		X		
		X		
			Subtotal Markup:	$7,776.50
			Extra Work Sheet SUBTOTAL:	$81,869.26
Total Liability & Bond =		X	0.600%	$ -
		X		

Total Amount (Earnings to Cost Account No. _____

Extra Work Sheet OVERAL TOTAL: $81,869.26

Approved for Owner, Material or Sub-Contractor

By _____

Approved for Company

By _____

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

LABOR HR

Employee #	Employee Name	Position	Craft Type																	TOTAL	
				HR	$	HR	$	HR	$	HR	$	HR	$	HR	$	HR	$	HR	$	HR	$
1	Foreman		FWWC																		
2	Operator (High)		Craft																		
3	Operator (Medium)		Craft																		
4	Operator (Low)		Craft																		
5	Laborer		Craft																		
6	Ironworker		Craft																		
7	Survey			90.0																90.00	
SUBTOTAL				90																90	

EQUIPMENT COST

Equip #	Description		Rate	HR	$	HR	$	HR	$	HR	$	HR	$	HR	$	HR	$	HR	$
	Excavator 36-39 MT		$ 156.27		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Excavator 8-10 MT		$ 96.83		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Skid Steer		$ 83.62		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Articulating 30 ton off-road truck		$ 136.70		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	3/4 T Crew pick up		$ 17.18	90	$ 1,546.20		$ -		$ -		$ -		$ -		$ -		$ -	90	$ 1,546.20
	Vac Truck		$ 70.45		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Maintenance Truck		$ 43.35		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Loader		$ 98.18		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	RT Crane 30-49 Ton		$ 253.29		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Welder		$ 11.35		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Mo Pac		$ 31.78		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Crawler Dozer		$ 124.20		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	Roller		$ 139.18		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
SUBTOTAL				90	$ 1,546		$ -		$ -		$ -		$ -		$ -		$ -	90	$ 1,546

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Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA	FUTA	SUTA	Worker's Compensation	Insurance (GL)	Applicable Per Diem (per Hr)	Medical Insurance	Staff Total 401K	Craft Retirement Benefit	PTO	Craft Incentive	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.65%	0.60%	0.06%	1.29%	0.25%		10.55%	5.27%		15.10%				8.00%	
	2022 Add-On %	Craft				2022 Craft		7.65%	0.60%	0.06%	1.29%	0.25%		$ 1.63		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FWWC	0.0	0.0	$ 45.37	$ -	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$6.85	$0.00	$69.85	$0.00	$0.00	$ -
2	Operator (High)	Craft		0.0	0.0	$ 32.00	$ -	$2.45	$0.03	$0.02	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.66	$0.00	$0.00	$ -
3	Operator (Medium)	Craft		0.0	0.0	$ 31.00	$ -	$2.37	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ -
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	$2.14	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		0.0	0.0	$ 25.00	$ -	$1.91	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ -
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	$2.14	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	90.0	0.0	$ 41.50	$ -	$3.18	$0.03	$0.02	$0.54	$0.10	$6.25	$4.38	$2.19	$0.00	$6.27	$0.00	$64.42	$0.00	$314.14	$ 5,798.22
8																						
9																						
10																						
11																						
12																						
																					TOTAL	$ 5,798.22

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ENGINEERS ESTIMATE
FOR CHANGE ORDER

PROJECT:	McCoys Creek Channel Improvements/Restoration - Phase IA
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	Utility Exploratory Soft Digs
DATE:	10/25/2023

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Foreman	1	Hrs.	$ 45.37	53.96%	$ 69.85	
Operator - Case 721 Loader	3	Hrs.	$ 31.00	37.32%	$ 127.71	
Operator - CAT 289D Skid Steer	4	Hrs.	$ 31.00	37.32%	$ 170.28	
Laborer	2	Hrs.	$ 25.00	37.32%	$ 68.66	
Surveyor	42	Hrs.	$ 41.50	53.96%	$ 2,683.52	
SUBTOTAL WITH BURDEN					$ 3,120.02	
MARKUP		15.0%			$ 468.00	
TOTAL LABOR COST					$ 3,588.02	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
Case 721 Loader	3	Hrs.	$ 69.66	$ 208.98	Equipment Watch
CAT 289D Skid Steer	4	Hrs.	$ 85.29	$ 341.16	Equipment Watch
Ford F-250	42	Hrs.	$ 28.89	$ 1,213.38	Equipment Watch
EQUIPMENT SUBTOTAL				$ 1,763.52	
MARKUP		15.0%		$ 264.53	
TOTAL EQUIPMENT COST				$ 2,028.05	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
MATERIALS SUBTOTAL				$ -	
SUBTOTAL w/ TAX		7.5%		$ -	
MATERIALS SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL MATERIALS COST				$ -	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
Badger TKT-121222-776351	0	LS	$ 3,731.74	$ -	12/13/2022 - N side of E pond (area not requested)
Badger TKT-121322-777663	1	LS	$ 3,532.71	$ 3,532.71	12/14/2022
Badger TKT-121422-778501	1	LS	$ 1,716.60	$ 1,716.60	12/15/2022
Badger TKT-121622-779644	1	LS	$ 3,936.29	$ 3,936.29	12/16/2022
Badger TKT-121922-781488	0.75	LS	$ 3,930.76	$ 2,948.07	12/20/2022 - 75% of invoice (excludes sheet pile mock-up area)
Badger TKT-122022-782470	1	LS	$ 3,676.17	$ 3,676.17	12/21/2022
Badger TKT-122122-783168	1	LS	$ 3,516.34	$ 3,516.34	12/22/2022
Badger TKT-010523-788066	0.5	LS	$ 3,720.26	$ 1,860.13	1/5/2023 - 50% of invoice (area between Smith & Broward not requested and performed on different day)
Badger TKT-010523-788540	1	LS	$ 4,221.81	$ 4,221.81	1/6/2023
Badger TKT-011123-792752	1	LS	$ 4,618.64	$ 4,618.64	1/12/2023
Badger TKT-011323-794073	1	LS	$ 4,221.81	$ 4,221.81	1/13/2023
Badger TKT-021923-821164	0	LS	$ 4,648.35	$ -	2/21/2023 - DBI-E-1 only (duplicate of 2/24/2023 & 2/27/2023)
Badger TKT-021923-821163	1	LS	$ 4,648.35	$ 4,648.35	2/22/2023
Badger TKT-022323-824024	1	LS	$ 3,554.94	$ 3,554.94	2/23/2023
Badger TKT-022323-824803	1	LS	$ 3,357.14	$ 3,357.14	2/24/2023 - DBI-E-1 to Stockton
Badger TKT-022723-826132	1	LS	$ 4,247.25	$ 4,247.25	2/27/2023 - DBI-E-1 to Stockton
Badger TKT-022823-828094	0.5	LS	$ 3,248.16	$ 1,624.08	3/1/2023 - 50% of invoice (duplicates areas of 2/22/2023 & 2/23/2023)
Badger TKT-030623-832660	1	LS	$ 2,521.02	$ 2,521.02	3/7/2023
SUBTOTAL SUBCONTRACTS				$ 54,201.35	
MARKUP		10%		$ 5,420.14	
TOTAL SUBCONTRACTS				$ 59,621.49	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 65,237.55
TOTAL COST:	$ 65,237.55

Prepared By:

Corey Chascin, P.E.
Project Administrator

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

McCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION - PHASE 1A
CDJ PROJECT NO. 71931-22

Utility Exploratory Soft Digs - Extra Work Time Summary

	Personnel Cumulative Hours					Equipment Cumulative Hours			
Date	Foreman	Operator - Case 721 Loader	Operator - CAT 289D Skid Steer	Surveyor	Laborer	Case 721 Loader	CAT 289D Skid Steer	Survey Pickup	Work Description
12/13/2022									Soft digs for communication lines, water main, and other unidentified utilities along the north side of the east pond
12/14/2022									Soft digs for communication lines, water main, and gas main at the southwest corner of the east pond along old MCCB
12/15/2022									Soft digs for communication lines east of Stockton Street
12/16/2022									Soft digs for communication lines and sewer near JEA lift station
12/20/2022									Soft digs for communication lines near JEA lift station and gas main near Stockton yard
12/21/2022									Soft digs for communication lines between Claude Street and Stockton Street
12/22/2022									Soft digs for communication lines between Claude Street and Stockton Street
1/5/2023									No extra work tickets provided by VIA or KISC (Badger invoice only)
1/6/2023									No extra work tickets provided by VIA or KISC (Badger invoice only)
1/12/2023									No extra work tickets provided by VIA or KISC (Badger invoice only)
1/13/2023									No extra work tickets provided by VIA or KISC (Badger invoice only)
2/21/2023				10				10	Soft dig around utilities at DBI-E-1 (STA 125+00), as directed by Engineer
2/22/2023				10				10	Soft dig around utilities at Leland Street (STA 101+00) and Nixon Street (STA 115+00), as directed by Engineer
2/23/2023				10				10	Soft dig around utilities at Crystal Street (STA 103+00 to 104+00), as directed by Engineer
2/24/2023			2	10			2	10	Soft dig around utilities at the Stockton yard (STA 124+00), as directed by Engineer
2/27/2023			2				2		Soft dig around gas main and communication lines at the Stockton yard, as directed by Engineer
3/1/2023	1	2			2	2			Soft dig around utilities at Nixon Street (STA 115+00), as directed by Engineer
3/7/2023		1		2		1		2	Soft dig around utilities at STA 116+00, as directed by Engineer
Totals	**1**	**3**	**4**	**42**	**2**	**3**	**4**	**42**	

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VIA Consulting Services, Inc.

Engineering, Administration and Inspection Services

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Additional Scope No. 2
Change Request No. 9: Heywood Dowling Drive Roadway Maintenance

Total Amount of this Change Request ..... $ 5,400.00
Time Extension ..... 0 Days

Attachments
Contractor's Request ..... $ 5,400.00 (Accepted)
Email Correspondence

10250 Normandy Blvd., Suite 304, Jacksonville, FL 32221
www.via-cs.com

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

EXTRA WORK SHEET

Co. No. 71931-22 Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 1

Project: McCoy's Creek Channel Improvements
Cont. No.

Date: 7/24/2023

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done

Furnish, place and finsh limerock on Heywood Dowling

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
Heywood Dowling LimeRock	150.00	$ 36.00			$ 5,400.00	$ 5,400.00
					Subtotal Labor	$ 5,400.00
MATERIAL						
	1.00	$ -		$ -		$ -
						$ -
					Subtotal Material	$ -
EQUIPMENT						
	1.00	$ -	$ -			$ -
						$ -
					Subtotal Equip.	$ -
SUBCONTRACTOR						
	1.00					$ -
						$ -
						$ -
						$ -
					Subtotal Subs.	
					SUBTOTAL:	$5,400.00

	Subtotal		M/U Rate	
Markup (Labor)	$ 5,400.00	X		$ -
Markup (Materials)	$ -	X		$ -
Markup (Equipment)	$ -	X		$ -
Markup (Subcontractor's Cost only)	$ -	X		$ -
		X		
		X		
			Subtotal Markup:	
		X		

Total Amount (Earnings to Cost Account No.

Extra Work Sheet OVERAL TOTAL: $5,400.00

Approved for Owner, Material or Sub-Contractor

Approved for Company

By

By

Corey Chascin

From: Reid Harriett
Sent: Friday, July 14, 2023 2:27 PM
To: David.Rood
Cc: Corey Chascin; Miley Smith; Matthew.Elder; John.MacDonald; Nick.Sosa; Heric, Aaron
Subject: RE: Price Proposal- Repair Roadway Heywood Dowling McCoy's Creek

David,

As a follow up to our conversation, the COJ only desires to fill the potholes and then grade the existing limerock to recreate a uniform surface. They do not want to spread and grade limerock across the entire roadway since it will be fully reconstruction in a few months. Based on rough field measurements we believe the equivalent of approx. 150 SY of 6" thick limerock will fill the significant pothole and facilitate the regrading. Please proceed with ordering the limerock material to perform this work as discussed.

Thanks,

Reid Harriett, P.E.
Senior Project Engineer
VIA Consulting Services, Inc.
rharriett@via-cs.com
(904)-451-7254 (Mobile)

Corporate Office
10250 Normandy Blvd., Suite 304
Jacksonville, Florida 32221
(904) 783-9842 (office)

SR-23 FCE Field Office
1421 South Orange Ave.
Green Cove Springs, Florida 32043
(904)-901-0800 (office)

From: David.Rood <David.Rood@kiewit.com>
Sent: Friday, July 14, 2023 9:35 AM
To: Reid Harriett <rharriett@via-cs.com>
Cc: Corey Chascin <cchascin@via-cs.com>; Miley Smith <msmith@via-cs.com>; Matthew.Elder <Matthew.Elder@kiewit.com>; John.MacDonald <john.macdonald@kiewit.com>; Nick.Sosa <Nick.Sosa@kiewit.com>; Heric, Aaron <AHeric@coj.net>
Subject: RE: Price Proposal- Repair Roadway Heywood Dowling McCoy's Creek

Reid,

As discussed this was estimated over the entire road surface, 530' long and 20' wide, which is 1177 SY.

Kiewit
Infrastructure Group

David Rood

KIEWIT INFRASTRUCTURE SOUTH CO.
2120 Dennis Street, Jacksonville, FL 32204
(813) 523-6268 work cell, (352) 857-9367 cell

david.rood@kiewit.com

From: David.Rood
Sent: Friday, July 14, 2023 8:41 AM
To: Reid Harriett <rharriett@via-cs.com>
Cc: Corey Chascin <cchascin@via-cs.com>; Miley Smith <msmith@via-cs.com>; Matthew.Elder <Matthew.Elder@kiewit.com>; John.MacDonald <john.macdonald@kiewit.com>; Nick.Sosa <Nick.Sosa@kiewit.com>; Heric, Aaron <AHeric@coj.net>
Subject: Price Proposal- Repair Roadway Heywood Dowling McCoy's Creek

Reid,

As requested see below pricing for road base repair at Heywood Dowling- this includes the below items

- Supply, place, compact and finish 6" thick course along Heywood Dowling Roadway.
- $36/ SY

We can proceed with this work as early as Monday of next week. Please let me know so I can schedule deliveries.

Thanks

Kiewit
Infrastructure Group

David Rood

KIEWIT INFRASTRUCTURE SOUTH CO.
2120 Dennis Street, Jacksonville, FL 32204
(813) 523-6268 work cell, (352) 857-9367 cell
david.rood@kiewit.com

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McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Additional Scope No. 3
Change Request No. 11: Existing Drainage Pipe Modifications (VRSS Wall 2A)

Total Amount of this Change Request ..... $ 24,515.65
Time Extension ..... 0 Days

Attachments
Contractor's Request ..... $ 24,515.65 (Accepted)
Engineer's Estimate ..... $ 25,212.22

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 1

Date: 11/28/2022

20 CY 7.5

Project: McCoy's Creek Channel Improvements

Cont. No. _____

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 8,621.07			$ 8,621.07	$ 8,621.07
					Subtotal Labor	$ 8,621.07
MATERIAL						
See Material back up sheet	1.00	$ 7,284.71		$ 7,284.71		$ 7,284.71
						$ -
					Subtotal Material	$ 7,284.71
EQUIPMENT						
See Equipment back up sheet	1.00	$ 5,528.27	$ 5,528.27			$ 5,528.27
Florida Region Adjustment (-2.1%)	1.00	$ (116.09)	$ (116.09)			$ (116.09)
					Subtotal Equip.	$ 5,412.18
SUBCONTRACTOR						
						$ -
						$ -
						$ -
						$ -
					Subtotal Subs.	
					SUBTOTAL:	$21,317.95

MARKUP

	Subtotal		M/U Rate	
Markup (Labor)	$ 8,621.07	X	15.00%	$ 1,293.16
Markup (Materials)	$ 7,284.71	X	15.00%	$ 1,092.71
Markup (Equipment)	$ 5,412.18	X	15.00%	$ 811.83
Markup (Subcontractor's Cost only)	$ -	X	10.00%	$ -
		X		
		X		
			Subtotal Markup:	$3,197.69
			Extra Work Sheet SUBTOTAL:	$24,515.65
Total Liability & Bond =		X	0.600%	$ -
		X		

Total Amount (Earnings to Cost Account No. _____

Extra Work Sheet OVERAL TOTAL: $24,515.65

Approved for Owner, Material or Sub-Contractor

By _____

Approved for Company

By _____

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

LABOR HR

				4/14/2023		4/15/2023		4/17/2023		4/18/2023		5/12/2023		5/13/2023		5/15/2023		5/16/2023		6/2/2023					
Employee #	Employee Name	Position	Craft Type	H	$	H	$	H	$	H	$	H	$	H	$	H	$	H	$	H	$	H	$	H	$
1	Foreman		Craft									8.00				4.00		8.00						20.00	
2	Operator (High)		Craft	7.00				4.00		1.00				1.00				8.00		8.00				29.00	
3	Operator (Medium)		Craft	7.00				2.00		1.00										2.00				12.00	
4	Operator (Low)		Craft																						
5	Laborer		Craft	28.50		5.00		10.00		5.00		40.00		24.00		30.00		30.00		10.50				183.00	
6	Non-skilled		Craft																						
7	Survey																								
	SUBTOTAL			42.5		5		16		7		48		25		34		46		20.5				244	

EQUIPMENT COST

	Equipment	Type																												
	Volvo 200 Excavator	$ 111.85	7	$	782.95		$	-		$	-		$	-		$	-		$	-		$	-		$	-	7	$	782.95
	CAT 950 Loader	$ 98.18	7	$	687.26		$	-	2	$	196.36	1	$	98.18		$	-		$	-		$	-		$	-	10	$	981.80
	Doosan 225 Long Reach	$ 120.56		$	-		$	-	2	$	241.12	1	$	120.56		$	-		$	-		$	-		$	-	3	$	361.68
	Cat 335 Excavator	$ 170.38		$	-		$	-	2	$	340.76		$	-		$	-	3	$	170.38		$	-		$	-	3	$	511.14
	CAT 340 Excavator	$ 200.68		$	-		$	-		$	-		$	-		$	-		$	-	8	$	1,605.44		$	-	8	$	1,605.44
	Demo Saw	$ 8.38		$	-		$	-		$	-		$	-		$	-		$	-	2	$	16.76		$	-	2	$	16.76
	John Deere 245 Excavator	$ 139.87		$	-		$	-		$	-		$	-		$	-		$	-		$	-	8	$	1,118.96	8	$	1,118.96
	CASE 721 Loader	$ 74.77		$	-		$	-		$	-		$	-		$	-		$	-		$	-	2	$	149.54	2	$	149.54
				$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-
				$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-
				$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-
				$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-		$	-
	SUBTOTAL		14	$	1,470	0	$	-	6	$	778	2	$	219	0	$	-	3	$	170	10	$	1,622	12	$	1,269	0	$	5,526

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Material & Supplies Costs

Description	Qty	Unit	Unit Price	Total
A3 Select	20	CY	$ 7.50	$ 150.00
36 RCP	16	LF	$ 130.00	$ 2,080.00
Delivery fee	1	EA	$ 700.00	$ 700.00
2 CY Concrete	2.00	CY	$ 302.50	$ 605.00
8 CY Concrete	8.00	CY	$ 192.00	$ 1,536.00
2x4's	10.00	EA	$ 9.42	$ 94.20
Type A RipRap	20.00	TN	$ 64.30	$ 1,286.00
Plywood	8.00	Sheets	$ 33.63	$ 269.04
Wire Mesh	2	EA	$ 30.93	$ 61.86
#4 rebar	60	LF	$ 0.43	$ 26.04
Tax @ 7%				$ 476.57
			Total	**$ 7,284.71**

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Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA @	FUTA @	SUTA @	Worker's Compensation @	Insurance (GL) @	Applicable Per Diem (per Hr)	Medical Insurance @	Staff Total 401K @	Craft Retirement Benefit @	PTO @	Craft Incentive @	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.65%	0.08%	0.06%	1.29%	0.28%		10.66%	5.27%		16.10%				6.00%	
	2022 Add-On %	Craft				2022 Craft		7.65%	0.08%	0.06%	1.29%	0.28%		$ 1.63		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FWWC	20.0	0.0	$ 45.37	$ 22.69	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$6.85	$0.00	$89.85	$0.00	$83.95	$ 1,396.99
2	Operator (High)	Craft		29.0	0.0	$ 32.00	$ -	[illegible]	$0.03	$0.02	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.66	$0.00	$0.00	$ 1,266.23
3	Operator (Medium)	Craft		12.0	0.0	$ 31.00	$ -	[illegible]	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ 510.85
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		163.0	0.0	$ 25.00	$ -	[illegible]	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ 4,847.90
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	0.0	0.0	$ 41.50	$ -	[illegible]	$0.03	$0.02	$0.54	$0.10	$6.25	$4.36	$2.19	$0.00	$6.27	$0.00	$64.42	$0.00	$0.00	$ -
8																						
9																						
10																						
11																						
12																						
																					TOTAL	$ 8,021.07

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ENGINEERS ESTIMATE FOR CHANGE ORDER

PROJECT:	McCoys Creek Channel Improvements/Restoration - Phase IA
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	Existing 18" CMP & 36" RCP Modifications at VRSS Wall #2A
DATE:	6/23/2023

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Foreman	20	Hrs.	$ 45.37	53.96%	$ 1,397.03	
Operator - Volvo 200 Excavator	7	Hrs.	$ 32.00	37.32%	$ 307.60	
Operator - Dooson 225 LR Excavator	3	Hrs.	$ 32.00	37.32%	$ 131.83	
Operator - CAT 335 Excavator	3	Hrs.	$ 32.00	37.32%	$ 131.83	
Operator - CAT 340 Excavator	8	Hrs.	$ 32.00	37.32%	$ 351.54	
Operator - CASE 721 Loader	2	Hrs.	$ 31.00	37.32%	$ 85.14	
Operator - CAT 950 Loader	10	Hrs.	$ 31.00	37.32%	$ 425.69	
Operator - JD245 Exavator	8	Hrs.	$ 32.00	37.32%	$ 351.54	
Laborer (Carpenter)	183	Hrs.	$ 25.00	37.32%	$ 6,282.39	
SUBTOTAL WITH BURDEN					$ 9,464.58	
MARKUP		15.0%			$ 1,419.69	
TOTAL LABOR COST					$ 10,884.27	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
Volvo 200 Excavator	7	Hrs.	$ 106.78	$ 747.46	Equipment Watch
Dooson 225 LR Excavator	3	Hrs.	$ 120.98	$ 362.94	Equipment Watch
CAT 335 Excavator	3	Hrs.	$ 161.33	$ 483.99	Equipment Watch
CAT 340 Excavator	8	Hrs.	$ 189.11	$ 1,512.88	Equipment Watch
CASE 721 Loader	2	Hrs.	$ 78.87	$ 157.74	Equipment Watch
CAT 950 Loader	10	Hrs.	$ 90.36	$ 903.60	Equipment Watch
JD245 Exavator	8	Hrs.	$ 134.21	$ 1,073.68	Equipment Watch
Concrete Demo Saw	2	Hrs.	$ 11.61	$ 23.22	Equipment Watch
EQUIPMENT SUBTOTAL				$ 5,265.51	
MARKUP		15.0%		$ 789.83	
TOTAL EQUIPMENT COST				$ 6,055.34	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
36" RCP	16	LF	$ 130.00	$ 2,080.00	Rinker Materials Order #9677505
Delivery Fee	1	EA	$ 700.00	$ 700.00	Rinker Materials Order #9677505
A3 Select Fill	20	CY	$ 7.50	$ 150.00	
Concrete Collars (3000 Mix)	2	CY	$ 302.50	$ 605.00	3 Yard Concrete Ticket
Concrete Aprons (Non-Structural)	8	CY	$ 192.00	$ 1,536.00	SRM Concrete Ticket
#4 Rebar	60	LF	$ 0.43	$ 25.80	
Wire Mesh	2	EA	$ 30.93	$ 61.86	
Formwork (Plywood)	8	EA	$ 22.48	$ 179.84	Home Depot Pricing for 1/2" 4'x8'
Formwork (2x4)	10	EA	$ 6.72	$ 67.20	Home Depot Pricing for 12'
Type B Riprap (with Filter Fabric)	20	TN	$ 64.30	$ 1,286.00	
MATERIALS SUBTOTAL				$ 6,691.70	
SUBTOTAL w/ TAX		7.5%		$ 501.88	
MATERIALS SUBTOTAL				$ 7,193.58	
MARKUP		15.0%		$ 1,079.04	
TOTAL MATERIALS COST				$ 8,272.61	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
SUBTOTAL SUBCONTRACTS				$ -	
MARKUP		10%		$ -	
TOTAL SUBCONTRACTS				$ -	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 25,212.22
TOTAL COST:	$ 25,212.22

Prepared By:

Corey Chascin, P.E.
Project Administrator

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McCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION - PHASE 1A
COJ PROJECT NO 71931-22

Existing 18" CMP & 36" RCP Modifications at VRSS Wall #2A - Extra Work Time Summary

	Personnel Cumulative Hours										Equipment Cumulative Hours								
Date	PERSONNEL TOTAL	Foreman	Operator - Volvo 380 Excavator	Operator - Doosan 225 LR Excavator	Operator - CAT 335 Excavator	Operator - CAT 340 Excavator	Operator - CASE 721 Loader	Operator - CAT 950 Loader	Operator - JD245 Excavator	Laborer (Carpenter)	EQUIPMENT TOTAL	Volvo 380 Excavator	Doosan 225 LR Excavator	CAT 335 Excavator	CAT 340 Excavator	CASE 721 Loader	CAT 950 Loader	JD245 Excavator	Work Description
4/14/2023	42.5		7					7		28.5	14	7					7		Installed additional 36" RCP to extend existing pipe within VRSS Wall #2A
4/15/2023	5									5	6								Formwork for 36" concrete collar @ VRSS Wall #2A
4/17/2023	10			2	2			2		10	6		2	2			2		Cast 36" concrete collar for extension at VRSS Wall #2A
4/18/2023	7			1				1		5	3		1				1		Removed forms for 36" collar at VRSS Wall #2A
6/12/2023	48	8								40	9								Formwork for 36" concrete apron at VRSS Wall #2A
6/13/2023	29				1					34	1			1					Cut existing RCP & formwork for 36" concrete apron at VRSS Wall #2A
6/15/2023	36	4								32	9								Formwork & reinforcement for 18" & 36" concrete apron at VRSS Wall #2A
6/16/2023	40	2				6				30	8				6				Cast 18" & 36" concrete aprons at VRSS Wall #2A
6/2/2023	28.5						2		9	19.5	10					2		8	Installed riprap for 18" & 36" concrete aprons
Totals	244	20	7	3	3	6	2	10	9	193	41	7	3	3	6	2	10	8	

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VIA Consulting Services, Inc.

Engineering, Administration and Inspection Services

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Additional Scope No. 4
Change Request No. 12.1: Abandoned Well Removal (King Street)
Change Request No. 12.2: West Pond Drainage Structure Removal
Change Request No. 12.3: Ditch Tie-in & Washout Issues (VRSS Wall 2A)
Change Request No. 12.4: Exploratory Digs at Bellingham

Total Amount of this Change Request ..... $ 2,778.95
Time Extension ..... 0 Days

Attachments
Contractor's Request ..... $ 2,778.95 (Accepted)
Engineer's Estimate ..... $ 2,797.23

10250 Normandy Blvd., Suite 304, Jacksonville, FL 32221
www.via-cs.com

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EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 1

Project: McCoy's Creek Channel Improvements
Cont. No. _____

Date: 6/15/2023

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done

Labor and equipment cost related to miscellaneous owner directed work. Well removal, Ditch/Creek Tie-in issues, Unforseen ash potholing

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 1,109.66			$ 1,109.66	$ 1,109.66
					Subtotal Labor	$ 1,109.66
MATERIAL						
See Material back up sheet	1.00	$ -		$ -		$ -
						$ -
					Subtotal Material	$ -
EQUIPMENT						
See Equipment back up sheet	1.00	$ 1,334.85	$ 1,334.85			$ 1,334.85
Florida Region Adjustment (-2.1%)	1.00	$ (28.03)	$ (28.03)			$ (28.03)
					Subtotal Equip.	$ 1,306.82
SUBCONTRACTOR						
						$ -
						$ -
						$ -
						$ -
					Subtotal Subs.	
					SUBTOTAL:	$2,416.48

MARKUP

	Subtotal		M/U Rate	
Markup (Labor)	$ 1,109.66	X	15.00%	$ 166.45
Markup (Materials)	$ -	X	15.00%	$ -
Markup (Equipment)	$ 1,306.82	X	15.00%	$ 196.02
Markup (Subcontractor's Cost only)	$ -	X	10.00%	$ -
		X		
		X		
			Subtotal Markup:	$362.47
			Extra Work Sheet SUBTOTAL:	$2,778.95
Total Liability & Bond =		X	0.600%	$ -
		X		

Total Amount (Earnings to Cost Account No. _____

Extra Work Sheet OVERAL TOTAL: $2,778.95

Approved for Owner, Material or Sub-Contractor

Approved for Company

By _____

By _____

LABOR HR

	Employee #	Employee Name	Position	Shift Type	[illegible]		[illegible]		[illegible]		[illegible]																				TOTAL	
					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1		Foreman					1.00		2.00		1.00																				4.00	
2		Operator [illegible]		Craft	1.00		2.00		6.00		1.00																				12.00	
3		Operator [illegible]		Craft	1.00																										1.00	
4		Operator [illegible]		Craft																												
5		Laborer		Craft					6.00																						6.00	
6		Ironworker		Craft																												
7		Survey																														
		SUBTOTAL			6		11		14		2																				23	

EQUIPMENT COST

Equip #	Description		Rate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Volvo 700 Excavator		$ 111.85	3	$ 335.55		$ -		$ -	1	$ 111.85		$ -		$ -		$ -		$ -		$ -		$ -		$ -	4	$ 447.40
	CASE 721 Loader		$ 74.77	3	$ 224.31		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	3	$ 224.31
	CAT 323 Excavator		$ 141.19		$ -	2	$ 282.38		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	2	$ 282.38
	305DCR Mini Excavator		$ 63.46		$ -		$ -	6	$ 380.76		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	6	$ 380.76
					$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
					$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
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					$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
	SUBTOTAL			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA @	FUTA @	SUTA @	Worker's Compensation @	Insurance (GL) @	Applicable Per Diem (per Hr)	Medical Insurance @	Staff Total 401K @	Craft Retirement Benefit @	PTO @	Craft Incentive @	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.65%	0.06%	0.06%	1.29%	0.26%		16.56%	6.27%		16.16%				6.00%	
	2022 Add-On %	Craft				2022 Craft		7.65%	0.06%	0.06%	1.29%	0.26%		$ 1.63		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FWWC	4.0	0.0	$ 45.37	$ 22.69	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$8.85	$0.00	$69.85	$0.00	$16.79	$ 279.40
2	Operator (High)	Craft		12.0	0.0	$ 32.00	$ -	[illegible]	$0.03	$0.02	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.66	$0.00	$0.00	$ 523.96
3	Operator (Medium)	Craft		3.0	0.0	$ 31.00	$ -	[illegible]	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ 127.71
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		6.0	0.0	$ 25.00	$ -	[illegible]	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ 178.59
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	[illegible]	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	0.0	0.0	$ 41.50	$ -	[illegible]	$0.03	$0.02	$0.54	$0.10	$6.25	$4.38	$2.19	$0.00	$6.27	$0.00	$64.42	$0.00	$0.00	$ -
8																						
9																						
10																						
11																						
12																						
																					TOTAL	$ 1,109.66

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ENGINEERS ESTIMATE FOR CHANGE ORDER

PROJECT:	McCoy's Creek Channel Restoration Phase 1A
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	Well Removal, Drainage Removal, Washout Issues & Unforeseen Ash at Bellingham
DATE:	8/31/2023

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Foreman	4	Hrs.	$ 45.37	53.96%	$ 279.41	
Operator - Volvo 200 Excavator	4	Hrs.	$ 32.00	37.32%	$ 175.77	
Operator - CAT 323 Excavator	2	Hrs.	$ 32.00	37.32%	$ 87.88	
Operator - CASE 721 Loader	3	Hrs.	$ 31.00	37.32%	$ 127.71	
Operator - JD50G Mini Excavator	6	Hrs.	$ 32.00	37.32%	$ 263.65	
Laborer	6	Hrs.	$ 25.00	37.32%	$ 205.98	
SUBTOTAL WITH BURDEN					$ 1,140.40	
MARKUP		15.0%			$ 171.06	
TOTAL LABOR COST					$ 1,311.46	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
Volvo 200 Excavator	4	Hrs.	$ 106.78	$ 427.12	Equipment Watch
CAT 323 Excavator	2	Hrs.	$ 134.27	$ 268.54	Equipment Watch
CASE 721 Loader	3	Hrs.	$ 78.87	$ 236.61	Equipment Watch: KISC provided backup for 721, not 821
JD50G Mini Excavator	6	Hrs.	$ 59.95	$ 359.70	Equipment Watch
EQUIPMENT SUBTOTAL				$ 1,291.97	
MARKUP		15.0%		$ 193.80	
TOTAL EQUIPMENT COST				$ 1,485.77	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
MATERIALS SUBTOTAL				$ -	
SUBTOTAL w/ TAX		7.5%		$ -	
MATERIALS SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL MATERIALS COST				$ -	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
SUBTOTAL SUBCONTRACTS				$ -	
MARKUP		10%		$ -	
TOTAL SUBCONTRACTS				$ -	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 2,797.23
TOTAL COST:	$ 2,797.23

Prepared By:

Corey Chascin, P.E.
Project Administrator

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McCOYS CREEK CHANNEL IMPROVEMENTS/RESTORATION - PHASE 1A
CDM PROJECT NO. 71801-22

Miscellaneous Extra Work Time Summary

	Personnel Cumulative Hours							Equipment Cumulative Hours					
Date	PERSONNEL TOTAL	Foreman	Operator - Volvo 200 Excavator	Operator - CAT 323 Excavator	Operator - JD50G Mini Excavator	Operator - CASE 721 Loader	Laborer	EQUIPMENT TOTAL	Volvo 200 Excavator	CAT 323 Excavator	JD50G Mini Excavator	CASE 721 Loader	Work Description
4/29/2023	8		3			3		9	3			3	Well Removal - Removal of well and associated fencing and equipment
5/17/2023	3	1		2				2		2			Drainage Demo - Removal of existing drainage system at the Leland Street and Heywood Dowling (west pond)
5/19/2023	14	2			6		6	6			6		Washout Issues - Placement of riprap and RECP at the ditch/creek tie-in at VRSS Wall 2A
5/30/2023	2	1	1					1	1				Unforeseen Ash - Exploratory soil digs for unforeseen ash discovered at Bellingham
Totals	25	4	4	2	6	3	6	15	4	2	6	3	

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VIA Consulting Services, Inc.

Engineering, Administration and Inspection Services

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Additional Scope No. 5
Change Request No. 13: King Street Bridge MOT Extension

Total Amount of this Change Request ..... **$ 4,326.74**
Time Extension ..... **0 Days**

Attachment
Engineer's Estimate ..... $ 4,326.74 (Accepted)

10250 Normandy Blvd., Suite 304, Jacksonville, FL 32221
www.via-cs.com

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ENGINEERS ESTIMATE FOR CHANGE ORDER

PROJECT:	McCoy's Creek Channel Restoration Phase 1A
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	King Street Bridge MOT Extension
DATE:	1/12/2024

VIA CONSULTING SERVICES, INC.

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
SUBTOTAL WITH BURDEN					$ -	
MARKUP		15.0%			$ -	
TOTAL LABOR COST					$ -	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
EQUIPMENT SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL EQUIPMENT COST				$ -	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
MATERIALS SUBTOTAL				$ -	
SUBTOTAL w/ TAX		7.5%		$ -	
MATERIALS SUBTOTAL				$ -	
MARKUP		15.0%		$ -	
TOTAL MATERIALS COST				$ -	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
Traffic Control Products of Florida, Inc.	1	LS	$ 1,063.00	$ 1,063.00	TCP Invoice #94283 - 9/1/23 to 9/30/23
Traffic Control Products of Florida, Inc.	1	LS	$ 967.20	$ 967.20	TCP Invoice #94558 - 10/1/23 to 10/31/23
Traffic Control Products of Florida, Inc.	1	LS	$ 936.00	$ 936.00	TCP Invoice #97442 - 11/1/23 to 11/30/23
Traffic Control Products of Florida, Inc.	1	LS	$ 967.20	$ 967.20	TCP Invoice #97443 - 12/1/23 to 12/31/23
SUBTOTAL SUBCONTRACTS				$ 3,933.40	
MARKUP		10%		$ 393.34	
TOTAL SUBCONTRACTS				$ 4,326.74	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 4,326.74
TOTAL COST:	$ 4,326.74

Prepared By:

Corey Chascin, P.E.
Project Administrator

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Traffic Control Products of Florida, Inc. *DBE - WMBE - FDOT Pre-Qualified*

Established 1985

TAMPA	ORLANDO/SANFORD	WILDWOOD	JACKSONVILLE
5514 CARMACK RD.	2683 Richmond Ave	717 Industrial Way	5639 Witten Rd.
TAMPA, FL.	SANFORD, FL.	Wildwood, FL	JACKSONVILLE, FL.
33610-9416	32773	34785	32254
813-621-8484	407-521-6777	352-787-0008	904-432-1589
813-621-4611 FAX	407-521-6592 FAX	352-787-8010 Fax	904-416-1095 Fax

MOT- Barricades/Cones - Work Zone Signs - Arrowboard - Light Tower - Portable Changeable Message Sign - Truck Mounted Attenuator
Striping- Paint & Thermoplastic - Pavement Markers, Epoxy & Stencils Signalization- Lighting - Traffic Signals - ITS - Handrail - Alum/Steel
Traffic Signs- Sign Manufacturing - Permanent Sign Installation Temp. Concrete Barrier Wall - Temp. Crash Cushion - Temp. Traffic Separator

Contractor: **Date: 11/16/2022**

Project: **JEA McCoy's Creek Bridge Mitigation Duval County** **Page 1**

Do not separate items on this page. This quote and all messages below become part of the contract if Traffic Control Products of Fl., Inc. is utilized. If there are any questions, please call.

Temporary Maintenance of Traffic (MOT) Quote

ITEM	DESCRIPTION	AMOUNT
I.	**LUMP SUM DAILY quote to provide the following temporary Maintenance of Traffic devices to include:** 1. Up to Sixty-Five (65) Work Zone Sign Panels as shown on TTC Sheet 12 of bid plans. Includes up to Fifteen (15) Special Fabricated Sign panels. Standard MUTCD Advance warning array included as well all post mounted for duration. 2. Up to Thirty (30) Type II / Plastic Drum Barricades. 3. Up to Fourteen (14) Type III Barricades as required.	$28.20 Per Day
II.	Mobilization to fabricate, install and return to remove one (1) time.	$3,960.00 LS

Contractors Notes:

1. Prices are F.O.B. jobsite unless otherwise stated. Contractor to furnish sandbags / ballast for all delineation devices.
2. Contractor responsible for placement and daily relocation of temporary maintenance of traffic devices.
3. As a subcontractor or supplier, Traffic Control Products of Fl, Inc. does not assume the role or liability of Worksite Traffic Supervisor as defined by sub-articles 102-3.2 and 105-8.3 of the FDOT Standard Specifications for Road & Bridge Construction.
4. Mobilizations for reprogramming PCMS shall incur a charge per unit if not already disclosed in the quote.
5. Contractor is responsible for coring asphalt or concrete for temporary advance warning signs.
6. Triton Plastic Barrier: Product install, water supply, filling and draining to be accomplished by contractor. Temporary Plastic Rumble Strips, if provided, are to be secured when not in use.
7. Quantities are per the plans only. Any deviation may result in additional charges.
8. If a bond is required it can be furnished for an additional 1%. Quote, notes and disclosure becomes part of the contract if Traffic Control Products of Fl., Inc. is utilized. Prices are good for 60 days from date of bid.

Terms are NET 30 DAYS. Accounts over 30 days will be charged 8% per annum interest from invoice date. The signer acknowledged that this document has been read and understood, and agrees on behalf of LESSEE to the conditions above. Attorney's fees, court costs, and interest will be added if accounts are unpaid and are placed for collections.

If project requires additional devices the following Unit Prices for Devices are as follows:

Barricade-Temp. Type II, and DRUM	$0.12	ED	
Barricades Type III	$0.26	ED	
Pedestrian LCD Barricade	$0.55	ED	
Work Zone Signs	$0.25	ED	
Traffic Cones	$0.25	ED	
Arrow Board	$5.00	ED	
PCMS Minimum 14 Days	$10.50	ED	
Triton Plastic Barrier Wall	$3.25	ED	
Triton Mobilization / Delivery	$155.00	EA	
Additional Delivery Mobilization PCMS Programming	$60.00	EA	

Orlando Nuñez (MOT) TCP ESTIMATOR
onunez@trafficcontrolproducts.org

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Article 1 "The Work"

Bid Item	WBS Element	Item Description	Approx. Qty.	UOM	Unit Price	Total Price
N/A	105347.XXXX	MOT Signs - King St closure	240	Cal. Day	$ 28.20	$ 6,768.00
N/A	105347.XXXX	Mob/Fab/Install/Remove	1	PLS	$ 3,960.00	$ 3,960.00
N/A	105347.XXXX	PCMS Board	28	Cal. Day	$ 10.50	$ 294.00
N/A	105347.XXXX	Work Zone signs	960	Cal. Day	$ 0.25	$ 240.00
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
					Approximate Contract Total:	$ 11,262.00

Kiewit Infrastructure South Co.

Signature: _____

Print Name: _____

Date: _____

Traffic Control Products of Florida, Inc.

Signature: _____

Print Name: _____

Date: _____

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Please Remit To:
Traffic Control Products of Fl., Inc.
5514 Carmack Road
Tampa, Florida 33610-9416
(813) 621-8484
(813) 621-4611 Fax
E-mail: tcp@trafficcontrolproducts.org

INVOICE

DATE	NUMBER
10/04/2023	94283

CUSTOMER NAME/ADDRESS

KIEWIT INFRASTRUCTURE SOUTH CO
450 DIVIDEND DRIVE
PEACHTREE CITY, GA 30269

JOB INFORMATION

KIEWIT INFRASTRUCTURE SOUTH CO

JEA MCCOY CREEK CHANNEL IMP &
JOB I.D.
P0374B

CUSTOMER ID	TERMS	P.O. NUMBER	BILLING PERIOD
GILBER	NET 30	SUBCONTRACT	9/1/23-9/30/23

ITEM NUMBER	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
102-60	WORK ZONE SIGNS	868.000	ED	.25	217.00
DAY RATE	DAY RATE	30.000	ED	28.20	846.00

ITEMS AND PRICES ARE BASED ON THE SUBCONTRACT AGREEMENT
JEA MCCOY CREEK CHANNEL IMP. & RESTORATION PH 1A BRIDGE MITIGATION - PO# 105347

Thank You
For Your Business

Balances not paid within the agreed terms (Net 30 days) are subject to a service charge. Attorney's fees and court costs will be added if accounts are placed for collection.

Subtotal	1,063.00
Tax	
Shipping	
Total	1,063.00

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Please Remit To:
Traffic Control Products of Fl., Inc.
5514 Carmack Road
Tampa, Florida 33610-9416
(813) 621-8484
(813) 621-4611 Fax
E-mail: tcp@trafficcontrolproducts.org

INVOICE

DATE	NUMBER
10/31/2023	94558

CUSTOMER NAME/ADDRESS

KIEWIT INFRASTRUCTURE SOUTH CO
450 DIVIDEND DRIVE
PEACHTREE CITY, GA 30269

JOB INFORMATION

KIEWIT INFRASTRUCTURE SOUTH CO

JEA MCCOY CREEK CHANNEL IMP &
JOB I.D.
P0374B

CUSTOMER ID	TERMS	P.O. NUMBER	BILLING PERIOD
GILBER	NET 30	SUBCONTRACT	10/1-10/31/23

ITEM NUMBER	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
102-60	WORK ZONE SIGNS	372.000	ED	.25	93.00
DAY RATE	DAY RATE	31.000	ED	28.20	874.20

ITEMS AND PRICES ARE BASED ON THE SUBCONTRACT AGREEMENT
JEA MCCOY CREEK CHANNEL IMP. & RESTORATION PH 1A BRIDGE MITIGATION - PO# 105347

Thank You
For Your Business

Balances not paid within the agreed terms (Net 30 days) are subject to a service charge. Attorney's fees and court costs will be added if accounts are placed for collection.

Subtotal	967.20
Tax	
Shipping	
Total	967.20

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Please Remit To:
Traffic Control Products of Fl., Inc.
5514 Carmack Road
Tampa, Florida 33610-9416
(813) 621-8484
(813) 621-4611 Fax
E-mail: tcp@trafficcontrolproducts.org

INVOICE

DATE	NUMBER
12/28/2023	97442

CUSTOMER NAME/ADDRESS

KIEWIT INFRASTRUCTURE SOUTH CO
450 DIVIDEND DRIVE
PEACHTREE CITY, GA 30269

JOB INFORMATION

KIEWIT INFRASTRUCTURE SOUTH CO
JEA MCCOY CREEK CHANNEL IMP &
JOB I.D. P0374B

CUSTOMER ID	TERMS	P.O. NUMBER	BILLING PERIOD
GILBER	NET 30	SUBCONTRACT	11/1-11/30/23

ITEM NUMBER	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
102-60	WORK ZONE SIGNS	360.000	ED	.25	90.00
DAY RATE	DAY RATE	30.000	ED	28.20	846.00

ITEMS AND PRICES ARE BASED ON THE SUBCONTRACT AGREEMENT
JEA MCCOY CREEK CHANNEL IMP. & RESTORATION PH 1A BRIDGE MITIGATION - PO# 105347

Thank You
For Your Business

Balances not paid within the agreed terms (Net 30 days) are subject to a service charge. Attorney's fees and court costs will be added if accounts are placed for collection.

Subtotal	936.00
Tax	
Shipping	
Total	936.00

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Please Remit To:
Traffic Control Products of Fl., Inc.
5514 Carmack Road
Tampa, Florida 33610-9416
(813) 621-8484
(813) 621-4611 Fax
E-mail: tcp@trafficcontrolproducts.org

INVOICE

DATE	NUMBER
12/28/2023	97443

CUSTOMER NAME/ADDRESS

KIEWIT INFRASTRUCTURE SOUTH CO
450 DIVIDEND DRIVE
PEACHTREE CITY, GA 30269

JOB INFORMATION

KIEWIT INFRASTRUCTURE SOUTH CO
JEA MCCOY CREEK CHANNEL IMP &
JOB I.D. P0374B

CUSTOMER ID	TERMS	P.O. NUMBER	BILLING PERIOD
GILBER	NET 30	SUBCONTRACT	12/1-12/31/23

ITEM NUMBER	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
102-60	WORK ZONE SIGNS	372.000	ED	.25	93.00
DAY RATE	DAY RATE	31.000	ED	28.20	874.20

ITEMS AND PRICES ARE BASED ON THE SUBCONTRACT AGREEMENT
JEA MCCOY CREEK CHANNEL IMP. & RESTORATION PH 1A BRIDGE MITIGATION - PO# 105347

Thank You
For Your Business

Balances not paid within the agreed terms (Net 30 days) are subject to a service charge. Attorney's fees and court costs will be added if accounts are placed for collection.

Subtotal	967.20
Tax	
Shipping	
Total	967.20

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

McCoys Creek Channel Improvements/Restoration – Phase 1A
COJ Contract No. 71931-22
2/15/2024

Additional Scope No. 6
Change Request No. 14: 60" Drainage Pipe Mitered End Section

Total Amount of this Change Request ..... $ 15,693.69
Time Extension ..... 0 Days

Attachments
Contractor's Request ..... $ 15,693.69 (Accepted)
Engineer's Estimate ..... $ 15,078.34

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

EXTRA WORK SHEET

Co. No. _____ Job. No. 105347

Kiewit Infrastructure South Co.
(Issued by)
8403 South Park Circle, suite 655
Orlando, FL 32819
(Address)

Number: 2

Date: 2/1/2024

Project: McCoy's Creek Channel Improvements
Cont. No. _____

To : VIA Consulting Services (City of Jacksonville)
10250 Normandy Blvd Suite 301
Jacksonville, FL 32221
(Address)

Attn: Reid Harriett

- [ ] Material or Subcontractor
- [ ] Owner Force Account Work
- [x] Extra Work
- [ ] Equipment Lease or Vendor Invoice

Check One

Description of Work Done

New 60" MES at Goodwin St. per FDOT Standard Details

Prime Contractor Detail of Equipment, Materials and Labor	Hours or Quantity	Hrly Rate or Unit Price	Equipment Cost	Material Cost	Labor Cost	Total Amount
LABOR						
See Labor back up sheet	1.00	$ 7,883.30			$ 7,883.30	$ 7,883.30
					Subtotal Labor	$ 7,883.30
MATERIAL						
See Material back up sheet	1.00	$ 1,620.60		$ 1,620.60		$ 1,620.60
Contingency- Pipe Plug		$1,170.00				$ -
					Subtotal Material	$ 1,620.60
EQUIPMENT						
See Equipment back up sheet	1.00	$ 3,125.40	$ 3,125.40			$ 3,125.40
Mobilization/demobilization		$ -	$ -			$ -
					Subtotal Equip.	$ 3,125.40
SUBCONTRACTOR						
		Ea	$ -			$ -
						$ -
						$ -
						$ -
					Subtotal Subs.	
					SUBTOTAL:	$12,629.30

MARKUP	Subtotal		M/U Rate	
Markup (Labor)	$ 7,883.30	X	15.00%	$ 1,182.49
Markup (Materials)	$ 1,620.60	X	15.00%	$ 243.09
Markup (Equipment)	$ 3,125.40	X	15.00%	$ 468.81
Markup (Subcontractor's Cost only)	$ -	X	10.00%	$ -
		X		
		X		
			Subtotal Markup:	$1,894.39
			Extra Work Sheet SUBTOTAL:	$14,523.69
Total Liability & Bond =		X	0.600%	$ -
		X		

Total Amount (Earnings to Cost Account No. _____

Extra Work Sheet OVERAL TOTAL: $14,523.69

Approved for Owner, Material or Sub-Contractor

Approved for Company

By _____

By _____

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

LABOR HR

Employee #	Employee Name	Position	Craft Type	TOTAL ST	TOTAL OT
1	Foreman		FWWC	40.00	
2	Operator (High)		Craft	20.00	
3	Operator (Medium)		Craft		
4	Operator (Low)		Craft		
5	Laborer		Craft	120.00	
6	Ironworker		Craft		
7	Survey			10.00	
	SUBTOTAL			*190*	

EQUIPMENT COST

Equip. #	Description		Rate	HR	$
	Excavator 36-39 MT		$ 156.27	20	$ 3,125.40
	Skid Steer		$ 83.62		$ -
	Articulating 30 ton off-road truck		$ 136.70		$ -
	3/4 T Crew pick up		$ 17.18		$ -
	Vac Truck		$ 70.45		$ -
	Maintenance Truck		$ 43.35		$ -
	Loader		$ 98.18		$ -
	RT Crane 30-49 Ton		$ 253.29		$ -
	Welder		$ 11.35		$ -
	Ho Pac		$ 31.78		$ -
	Crawler Dozer		$ 124.20		$ -
	Roller		$ 139.18		$ -
	SUBTOTAL			*20*	*$ 3,125*

DocuSign Envelope ID: 5C25DDCF-2450-4FCF-8AEA-83EC52C56FEE

Material & Supplies Costs

Description	Qty	Unit	Unit Price	Total
Safety Supplies	190.00	MH	$ 1.00	$ 190.00
Survey Supplies	10.00	MH	$ 2.00	$ 20.00
Concrete/ Formwork Supplies	190.00	MH	$ 3.00	$ 570.00
Concrete	3	CY	$ 262.00	$ 786.00
60" Pipe Plug	1	WK	$ 1,170.00	$ 1,170.00
Tax @ 7%				$ 54.60
			Total	**$ 2,790.60**

DocuSign Envelope ID: 5C25ODCF-2450-4FCF-8AEA-83EC52C56FEE

Employee #	Name	Position	Type	Total Hours (ST)	Total Hrs (OT)	Base Rates (ST)	Base Rates (OT)	FICA	FUTA	SUTA	Worker's Compensation	Insurance (GL)	Applicable Per Diem (per Hr)	Medical Insurance	Staff Total 401K	Craft Retirement Benefit	PTO	Craft Incentive	Total Rate (ST)	Total Rate (OT)	COLA	Total Cost
	2022 Add-On %	Salary				2022 Staff		7.58%	0.08%	0.06%	1.29%	0.25%		10.55%	5.27%		15.10%				6.00%	
	2022 Add-On %	Craft				2022 Craft		7.58%	0.08%	0.06%	1.29%	0.25%		$ 1.63		$ 0.48	$ 0.18	$ 0.16				
1	Foreman	Craft	FWWC	40.0	0.0	$ 45.37	$ 22.69	$3.44	$0.04	$0.03	$0.59	$0.11	$6.25	$4.79	$2.39	$0.00	$6.85	$0.00	$69.85	$0.00	$167.90	$ 2,793.99
2	Operator (High)	Craft		20.0	0.0	$ 32.00	$ -	$2.43	$0.03	$0.02	$0.41	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$43.66	$0.00	$0.00	$ 873.26
3	Operator (Medium)	Craft		0.0	0.0	$ 31.00	$ -	$2.35	$0.02	$0.02	$0.40	$0.08	$6.25	$1.63	$0.00	$0.48	$0.18	$0.16	$42.57	$0.00	$0.00	$ -
4	Operator (Low)	Craft		0.0	0.0	$ 28.00	$ -	$2.12	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
5	Laborer	Craft		120.0	0.0	$ 25.00	$ -	$1.90	$0.02	$0.02	$0.32	$0.06		$1.63	$0.00	$0.48	$0.18	$0.16	$29.77	$0.00	$0.00	$ 3,571.80
6	Ironworker	Craft		0.0	0.0	$ 28.00	$ -	$2.12	$0.02	$0.02	$0.36	$0.07		$1.63	$0.00	$0.48	$0.18	$0.16	$33.04	$0.00	$0.00	$ -
7	Survey	Salary	Salary	10.0	0.0	$ 41.50	$ -	$3.15	$0.03	$0.02	$0.54	$0.10	$6.25	$4.38	$2.19	$0.00	$6.27	$0.00	$64.42	$0.00	$34.90	$ 644.25
8																						
9																						
10																						
11																						
12																						
																					TOTAL	$ 7,883.30

EquipmentWatch.

www.equipmentwatch.com

All prices shown in US Dollars ($)

Rental Rate Blue Book®

August 3, 2023

Broce RC-350 (disc. 2011)
Self Propelled Pavement Brooms

Size Class:
All
Weight:
N/A

Configuration for RC-350 (disc. 2011)

Horsepower	**76.0**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $9,465.00	USD $2,650.00	USD $665.00	USD $100.00	USD $52.47	USD $106.25
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2011: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $9,465.00**	**USD $2,650.00**	**USD $665.00**	**USD $100.00**	**USD $52.47**	**USD $106.25**

Non-Active Use Rates	**Hourly**
Standby Rate	USD $21.51
Idling Rate	USD $64.70

Rate Element Allocation

Element	**Percentage**	**Value**
Depreciation (ownership)	19%	USD $1,798.35/mo
Overhaul (ownership)	61%	USD $5,773.65/mo
CFC (ownership)	10%	USD $946.50/mo
Indirect (ownership)	11%	USD $1,041.15/mo
Fuel (operating) @ USD 3.88	21%	USD $10.92/hr

Revised Date: 3rd quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DAVID ROOD (david.rood@kiewit.com)

www.equipmentwatch.com

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EquipmentWatch.

www.equipmentwatch.com

All prices shown in US dollars ($)

Rental Rate Blue Book®

November 28, 2022

Deere 350G LC
Crawler Mounted Hydraulic Excavators

Size Class:
33.1 - 40.0 MTons
Weight:
76557 lbs

Configuration for 350G LC

Operating Weight	**34.7 mt**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $14,590.00	USD $4,085.00	USD $1,020.00	USD $155.00	USD $73.37	USD $156.27
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2022: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $14,590.00**	**USD $4,085.00**	**USD $1,020.00**	**USD $155.00**	**USD $73.37**	**USD $156.27**

Non-Active Use Rates	**Hourly**
Standby Rate	USD $44.76
Idling Rate	USD $114.90

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	38%	USD $5,544.20/mo
Overhaul (ownership)	46%	USD $6,711.40/mo
CFC (ownership)	5%	USD $729.50/mo
Indirect (ownership)	11%	USD $1,604.90/mo
Fuel (operating) @ USD 5.03	44%	USD $32.00/hr

Revised Date: 4th quarter 2022

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DAVID ROOD (David.rood@kiewit.com)

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EquipmentWatch.

www.equipmentwatch.com

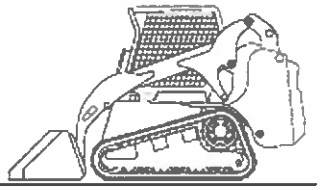
All prices shown in US dollars ($)

Rental Rate Blue Book®

November 28, 2022

Caterpillar 289D3
Compact Track Loaders

Size Class:
2501 - 2850 lbs
Weight:
N/A



Configuration for 289D3

Operator Protection	ROPS/FOPS	Power Mode	Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD $8,710.00	USD $2,440.00	USD $610.00	USD $92.00	USD $34.13	USD $83.62
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2022: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $8,710.00**	**USD $2,440.00**	**USD $610.00**	**USD $92.00**	**USD $34.13**	**USD $83.62**

Non-Active Use Rates	Hourly
Standby Rate	USD $22.27
Idling Rate	USD $63.07

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	25%	USD $2,177.50/mo
Overhaul (ownership)	55%	USD $4,790.50/mo
CFC (ownership)	4%	USD $348.40/mo
Indirect (ownership)	16%	USD $1,393.60/mo
Fuel (operating) @ USD 5.03	40%	USD $13.58/hr

Revised Date: 4th quarter 2022

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EquipmentWatch.

www.equipmentwatch.com

All prices shown in US Dollars ($)

Rental Rate Blue Book®

August 3, 2023

Broce RC-350 (disc. 2011)
Self Propelled Pavement Brooms

Size Class:
All
Weight:
N/A

Configuration for RC-350 (disc. 2011)

Horsepower	**76.0**	Power Mode	**Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	**Weekly**	**Daily**	**Hourly**	**Hourly**	**Hourly**
Published Rates	USD $9,465.00	USD $2,650.00	USD $665.00	USD $100.00	USD $52.47	USD $106.25
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2011: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	**USD $9,465.00**	**USD $2,650.00**	**USD $665.00**	**USD $100.00**	**USD $52.47**	**USD $106.25**

Non-Active Use Rates	**Hourly**
Standby Rate	USD $21.51
Idling Rate	USD $64.70

Rate Element Allocation

Element	**Percentage**	**Value**
Depreciation (ownership)	19%	USD $1,798.35/mo
Overhaul (ownership)	61%	USD $5,773.65/mo
CFC (ownership)	10%	USD $946.50/mo
Indirect (ownership)	11%	USD $1,041.15/mo
Fuel (operating) @ USD 3.88	21%	USD $10.92/hr

Revised Date: 3rd quarter 2023

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

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ENGINEERS ESTIMATE
FOR CHANGE ORDER

PROJECT:	McCoy's Creek Channel Restoration Phase IA
PROJECT NO.:	71931-22
CHANGE ORDER NO.:	2
CONTRACTOR:	Kiewit Infrastructure South Co.
DESCRIPTION OF WORK:	60" MES Installation
DATE:	1/31/2024

VIA CONSULTING SERVICES, INC.

LABOR ESTIMATE

POSITION	QTY.	UNIT	RATE	BURDEN RATE %	AMOUNT	COMMENT
Foreman	24	Hrs.	$ 45.37	53.96%	$ 1,676.44	
Operator - Excavator	24	Hrs.	$ 32.00	37.32%	$ 1,054.62	
Operator - Frontend Loader	8	Hrs.	$ 32.00	37.32%	$ 351.54	
Laborer (Carpenter)	72	Hrs.	$ 25.00	37.32%	$ 2,471.76	(3) Laborers at 24 Hours
Surveyor	2	Hrs.	$ 41.50	53.96%	$ 127.79	
SUBTOTAL WITH BURDEN					$ 5,682.14	
MARKUP		15.0%			$ 852.32	
TOTAL LABOR COST					**$ 6,534.46**	

EQUIPMENT ESTIMATE

EQUIPMENT	QTY.	UNIT	BB RATE	AMOUNT	COMMENT
CAT 335 Excavator	24	Hrs.	$ 161.33	$ 3,871.92	
CAT 950 Loader	8	Hrs	$ 90.36	$ 722.88	
Concrete Saw	8	Hrs.	$ 6.06	$ 48.48	
F-250 Pickup Truck	24	Hrs	$ 28.82	$ 691.68	
60" Pipe Plug (Rental)	1	Week	$ 1,170.00	$ 1,170.00	Contingency Item - Kiewit Price
				$ -	
EQUIPMENT SUBTOTAL				$ 6,504.96	
MARKUP		15.0%		$ 975.74	
TOTAL EQUIPMENT COST				**$ 7,480.70**	

MATERIALS ESTIMATE

ITEM	QTY.	UNIT	RATE	AMOUNT	COMMENT
2,500 PSI Concrete	3	CY	$ 170.00	$ 510.00	
Concrete Forms & Misc. Materials	1	LS	$ 250.00	$ 250.00	
Concrete Disposal (Pipe Debris)	1	Load	$ 100.00	$ 100.00	
MATERIALS SUBTOTAL				$ 860.00	
SUBTOTAL w/ TAX		7.5%		$ 64.50	
MATERIALS SUBTOTAL				$ 924.50	
MARKUP		15.0%		$ 138.68	
TOTAL MATERIALS COST				**$ 1,063.18**	

SUBCONTRACTS

NAME	QTY.	UNIT	RATE	AMOUNT	COMMENT
SUBTOTAL SUBCONTRACTS				$ -	
MARKUP		10%		$ -	
TOTAL SUBCONTRACTS				**$ -**	

TOTALS

TOTAL LABOR, EQUIPMENT, & MATERIAL COST	$ 15,078.34
TOTAL COST:	**$ 15,078.34**

Prepared By

Reid Harriett, P.E.
Senior Project Engineer

SUBJECT: MCCOY'S CREEK CHANNEL IMPROVEMENTS/RESTORATION – PHASE 1A

BID #: CF-0396-22 **OPEN DATE:** 6 JULY 2022

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION CONTRACT – ONE (1) YEAR FROM OCTOBER 1, 2020 WITH THREE (3) ONE (1) YEAR RENEWAL OPTIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 27 **NUMBER RECEIVED:** 3 **OTHER:** 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommended approval to increase the award with Kiewet Infrastructure South Co. (Contract# 71931-22), in the amount of $1,449,719.65 for additional scope of work ash remediation and removal of Kings Street Bridge. The revised not-to-exceed expenditure amount is $24,964,973.15.

Funding Source: 32111.153101.565051.006210.0000000.00000.0000000 in the amount $ 326,947.95
32111.153101.565051.006200.0000000.00000.0000000 in the amount $1,122,771.70
To be executed by formal change order through the Office of General Counsel.

ATTACHMENTS: Recommendation Memo, Change Order#1, Previous Awards

ANALYST: JACLYN STAMOS

RESPECTFULLY SUBMITTED: For: DUSTIN FREEMAN, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin Smith, Chief, Engineering and Construction Management Division, Public Works

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING 0 DATE: 5/18/2023

OTHER:

ACTION OF AWARDING AUTHORITY DATE 5/18/23

APPROVED ✓ DISAPPROVED

OTHER

SIGNATURE OF AUTHENTICATION

~~Brian Hughes~~
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No: 2019-02

SUBJECT: MCCOY'S CREEK CHANNEL IMPROVEMENTS/RESTORATION – PHASE 1A

BID #: CF-0396-22 **OPEN DATE:** 6 JULY 2022

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION CONTRACT – ONE (1) YEAR FROM OCTOBER 1 2020 WITH THREE (3) ONE (1) YEAR RENEWAL OPTIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 27 **NUMBER RECEIVED:** 3 **OTHER:** 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommended approval to waive as a minor irregularity the missing federal funded forms from Kiewet Infrastructure South Co. submission. The forms have been received. Recommend approval of award to the lowest responsive, responsible bidder, Kiewet Infrastructure South Co not-to-exceed expenditure amount of $23,515 253 50. Period of service will be from execution of contract through completion of the project

Funding shall be encumbered from Public Works Various Capital Projects
32111.153119.565051.006206.0000000.00000 0000000 in the amount $13,340,326.18
33101 153101.565050.006202.0000000 00000 0000000 in the amount $4,300,000.00
33101 153101.565051.006202.0000000 00000.0000000 in the amount $71,107.32
32111 153101.565051.005386.0000000 00000.0000000 in the amount$2 375 605.14
32111 153101.565051.005384.0000000 00000.0000000 in the amount $3 428 214.86
executed via formal contract through the Office of General Counsel and processed via individual Purchase Order(s)

ATTACHMENTS: Recommendation Memo, Bid Tabulation, Scope of Work

ANALYST: _____ JACLYN STAMOS

RESPECTFULLY SUBMITTED: _____ GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin Smith, Chief, Engineering and Construction Management Division, Public Works

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING Ø DATE: 7/14/2022

Teresa R Eubanks _____ OTHER: _____

Lilia A Reed _____

Jon R McCoy _____

ACTION OF AWARDING AUTHORITY DATE 7/15/2022

APPROVED ✓ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No: 2019-02