

2024-0202

INTRODUCED BY: MATTHEW JEWELL, PARISH PRESIDENT  
(DEPARTMENT OF PUBLIC WORKS)

ORDINANCE NO. 24-6-14

An ordinance approving and authorizing the execution of Change Order No. 2 (Final) for the Hydraulic Bottleneck Near Destrehan P.S. No. 2, (Project No. P190507), to increase the contract amount by \$5,614.14 and increase the contract time by 185 calendar days.

**WHEREAS,** Ordinance No. 19-7-1 adopted July 1, 2019, by the St. Charles Parish Council, approved and authorized the execution of a professional service multi-phase project agreement with Evans-Graves Engineers, Inc., for providing all necessary professional engineering services for a project that improves conveyance capacity in a canal in the vicinity of Destrehan Pump Station (P.S.) No. 2. (Parish Project Number P190507), in the amount not to exceed \$105,160.00; and,

**WHEREAS,** Ordinance No. 22-12-7 adopted December 5, 2022, by the St. Charles Parish Council, approved and authorized the execution of a contract with Cycle Construction Company, LLC, for the Hydraulic Bottleneck Near Destrehan P.S. No. 2, (Project No. P190507) in the amount of \$2,264,960.00; and,

**WHEREAS,** Ordinance No. 23-5-2 adopted May 8, 2023, by the St. Charles Parish Council, approved and authorized the execution of a Professional Services Agreement with Alpha Testing and Inspection, Inc., to perform testing services for the Hydraulic Bottleneck Near Destrehan P.S. No. 2 (Project No. P190507), in the not to exceed amount of \$26,000.00; and,

**WHEREAS,** Ordinance No. 23-11-12 adopted November 20, 2023, by the St. Charles Parish Council, approved and authorized the execution of Amendment No. 1 to a Professional Services Agreement with Alpha Testing and Inspection, Inc., for additional testing services for the Hydraulic Bottleneck Near Destrehan P.S. No. 2 (Project No. P190507), in the not to exceed amount of \$19,000.00, increasing the overall not to exceed fee to \$45,000.00; and,

**WHEREAS,** Ordinance No. 24-2-6 adopted February 5, 2024, by the St. Charles Parish Council, approved and authorized the execution of Change Order No. 1 for the Hydraulic Bottleneck Near Destrehan P.S. No. 2, (Project No. P190507), to increase the contract amount by \$476,447.31 and increase the contract time by 76 days; and,

**WHEREAS,** Ordinance No. 24-2-9 adopted February 19, 2024, by the St. Charles Parish Council, approved and authorized the execution of Amendment No. 2 to Ordinance No. 23-5-2 which approved the Professional Services Agreement with Alpha Testing and Inspection, Inc. for additional testing services for the Hydraulic Bottleneck Near Destrehan P.S. No. 2 (Project No. P190507), in the not to exceed amount of \$25,000.00, bringing the overall agreement amount to \$70,000.00; and,

**WHEREAS,** it is necessary to amend the Contract to reconcile final contract quantities, resulting in an increase to the contract amount by \$5,614.14 and 185 calendar days.

**THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:**

**SECTION I.** That Change Order No. 2 (Final) for Hydraulic Bottleneck Near Destrehan P.S. No. 2, (Project No. P190507), to increase the contract amount by \$5,614.14 and increase the contract time by 185 calendar days is hereby approved and accepted.

**SECTION II.** That the Parish President is hereby authorized to execute said Change Order on behalf of St. Charles Parish.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS: MOBLEY, FONSECA, WILSON, SKIBA, PILIE, COMARDELLE,  
O'DANIELS, FISHER, DEBRULER  
NAYS: NONE  
ABSENT: NONE

And the ordinance was declared adopted this 17<sup>th</sup> day of June, 2024, to become effective five (5) days after this publication in the Official Journal.

CHAIRMAN: [Signature]  
SECRETARY: Michelle Dupont  
DLVD/PARISH PRESIDENT: June 18, 2024  
APPROVED:  DISAPPROVED:

PARISH PRESIDENT: Matthew Jewell  
RET/SECRETARY: June 18, 2024  
AT: 1:00pm RECD BY: [Signature]

RECORDED IN THE ST. CHARLES PARISH  
CLERK OF COURT OFFICE  
ON June 21, 2024  
AS INSTRUMENT NO. 482358  
IN MORTGAGE/CONVEYANCE/OATH BOOK

**SECTION 00806**

**CHANGE ORDER**

No. Two (2) FINAL

DATE OF ISSUANCE May 20, 2024

EFFECTIVE DATE 4/18/24

OWNER St. Charles Parish Department of Public Works  
CONTRACTOR Cycle Construction Company, LLC  
Contract: P190507 Hydraulic Bottleneck Near Destrehan P.S. No. 2  
Project: Hydraulic Bottleneck Near Destrehan P.S. No. 2  
OWNER's Contract No. P190507 ENGINEER's Contract No. 2019-730  
ENGINEER Evans-Graves Engineers, Inc.

You are directed to make the following changes in the Contract Documents:

**Description:**

1. Delete the Following Work Items:

- a. Not Applicable (N/A)

Total of Deducted Items = *(\$0.00)*

2. Add the Following Work Items:

- a. Not Applicable (N/A)

Total of Added Work Items = *(\$0.00)*

3. Revise the Following Work Item Quantities:

- a. Contract Item #3: Excavation

The quantity is to be increased from 1,232 Cubic Yards to 1,372.67 Cubic Yards, at the Contract unit rate of \$40/Cubic Yard (+\$5,626.80)

- b. Contract Item #12: Relocation of Infrastructure Items

The quantity is to be decreased from 1 Lump Sum to 0.9997468 Lump Sum, at the Contract unit rate of \$50,000.00/Lump Sum (-\$12.66)

Total of Change in Work Items Quantity = *(+\$5,614.14)*

**Reason for Change Order:** List a reason for each Line Item listed above.

1. Deleted Work Items

- a. Not Applicable (N/A)

2. Add Work Items

- a. Not Applicable (N/A)

3. Revise Work Item Quantities

- a. The estimated bid quantity for this Work Item was based on an older (2019) topographic survey, and the Contractor's pre-construction survey was performed in 2023; so there was some inherent difference in the existing conditions of the Canal bottom and overall cross-section. Further, the shifting alignment of the west side sheet pile wall due to the pipeline owner coordination presented a non-uniform, non-parallel boundary on the west side which affected the calculation estimates. The excavation depth remained the same as designed, but the net result of the above two factors was an additional 140.67 CY of excavation being performed over what was estimated.
- b. This Work Item is a not-to-exceed allowance, and was not fully needed to complete the project.

**Attachments:** Canal Cross-Sections and Earthwork Calculations (5 pages)

CHANGE IN CONTRACT PRICE:	
Original Contract Price	
\$	<u>\$2,264,960.00</u>
Net <u>Increase</u> ( <del>Decrease</del> ) from previous Change Orders No. <u>One (1)</u> to <u>One (1)</u> :	
\$	<u>\$476,447.31</u>
Contract Price prior to this Change Order:	
\$	<u>\$2,741,407.31</u>
Net <u>increase</u> ( <del>decrease</del> ) of this Change Order:	
\$	<u>\$5,614.14</u>
Contract Price with all approved Change Orders:	
\$	<u>\$2,747,021.45</u>

CHANGE IN CONTRACT TIMES:	
Original Contract Times:	
Substantial Completion:	<u>One Hundred Twenty (120)</u>
Ready for final payment:	<u>One Hundred Sixty-Five (165)</u> (days or dates)
Net change from previous Change Orders No. <u>One (1)</u> to No. <u>One (1)</u> :	
Substantial Completion:	<u>Seventy-Six (76)</u>
Ready for final payment:	<u>Seventy-Six (76)</u> (days)
Contract Times prior to this Change Order:	
Substantial Completion:	<u>One Hundred Ninety-Six (196)</u>
Ready for final payment:	<u>Two Hundred Forty-One (241)</u> (days or dates)
Net <u>increase</u> ( <del>decrease</del> ) this Change Order:	
Substantial Completion:	<u>One Hundred Eighty-Five (185)</u>
Ready for final payment:	<u>One Hundred Eighty-Five (185)</u> (days)
Contract Times with all approved Change Orders:	
Substantial Completion:	<u>Three Hundred Eighty-One (381)</u>
Ready for final payment:	<u>Four Hundred Twenty-Six (426)</u> (days or dates)

RECOMMENDED:

By: [Signature]  
ENGINEER (Authorized Signature)

Date: 5/20/2024

APPROVED:

By: [Signature]  
OWNER (Authorized Signature)

Date: 6/18/24

ACCEPTED:

By: [Signature]  
CONTRACTOR (Authorized Signature)

Date: 05/28/2024

## CHANGE ORDER

### INSTRUCTIONS

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#### A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

#### B. COMPLETING THE CHANGE ORDER FORM

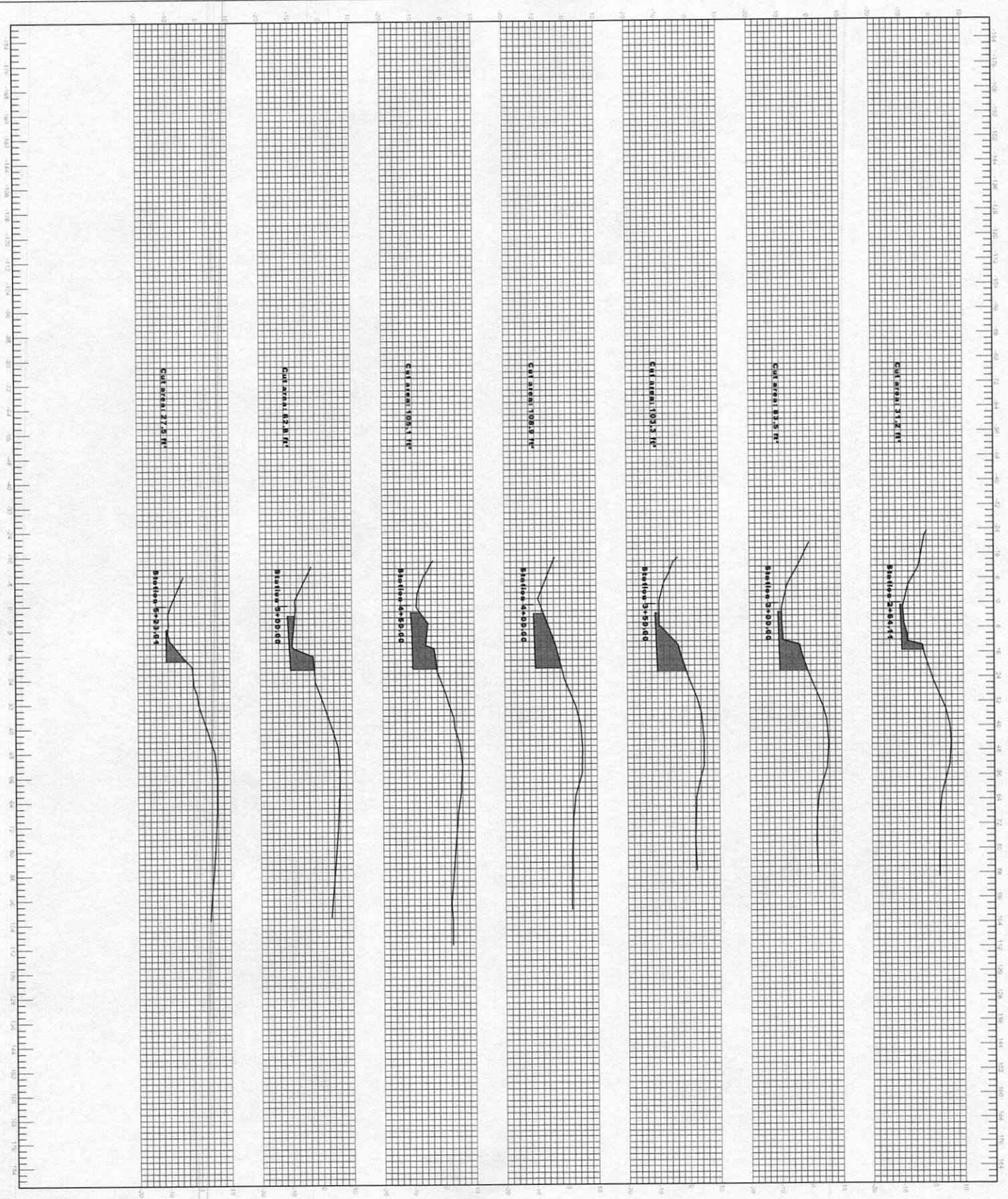
Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both. **A draft copy of the change order shall be reviewed by the Owner before final copies are circulated for signatures.**

Once Engineer has completed and signed **(6) SIX ORIGINAL COPIES** of the change order, the (6) six copies should be sent to Contractor for approval and signatures. After Contractor approval, all (6) six copies should be sent to the Owner for introduction and council vote. Once the change order has been approved by the St. Charles Parish Council, executed copies of the changer order will be distributed to the Engineer and Contractor.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

STA	EG CALCS		CYCLE POST-CON	
	East Cut	West Cut	East Cut	West Cut
	CY	CY	CY	CY
250			31.2	
	83			
300			83.5	
	139			
350			103.3	
	161			
400			108.9	
	152			
450			105.1	97.2
	170			
500			62.8	114.6
	227			142.2
550			27.5	116.7
		285		181.2
600				101.6
		15		96.6
TOTALS	932	300	522.3	850.1
TOTALS	1232		1372.4	

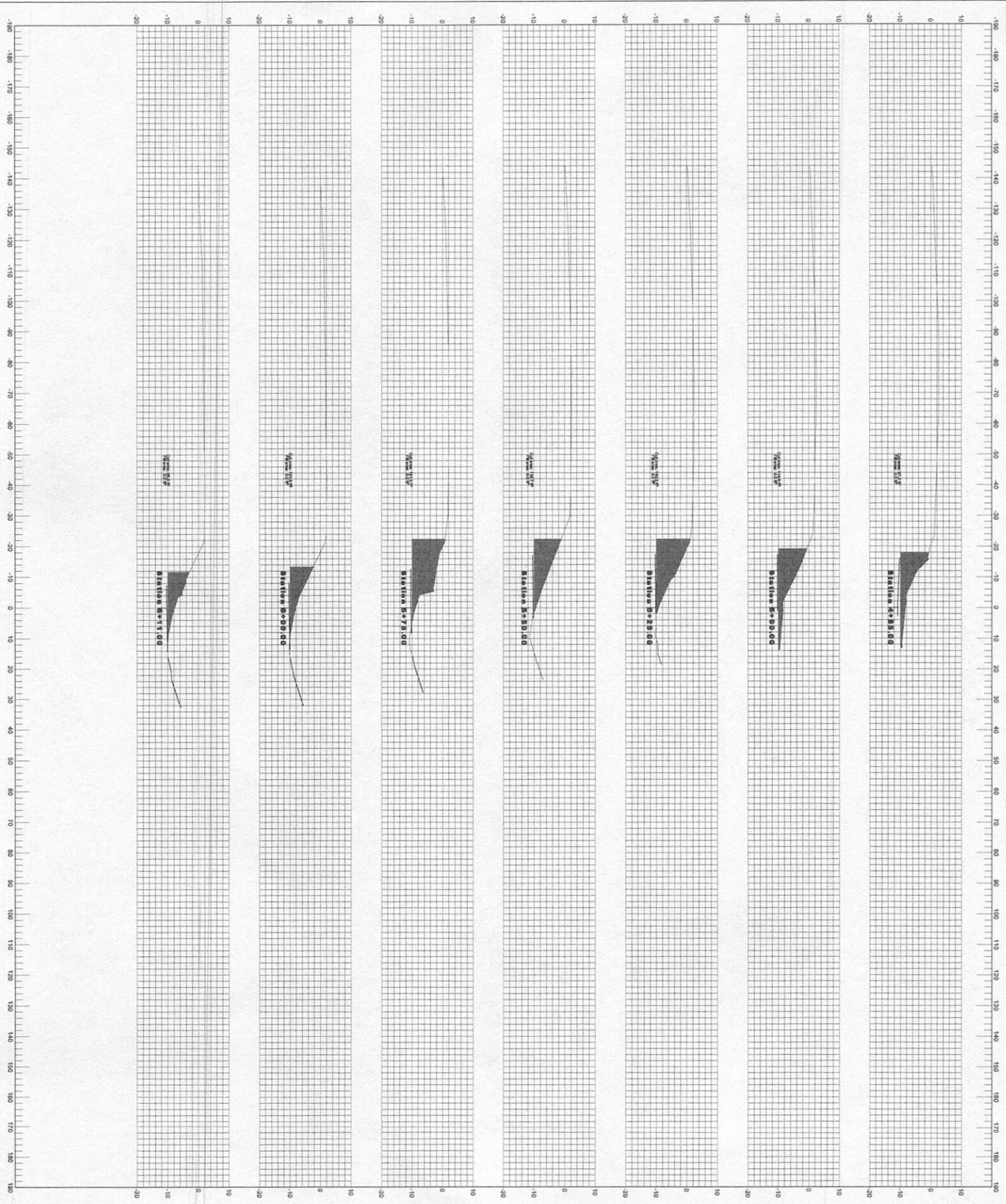
OVERRUN	140.4
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6/5/2023

Line	Layer
Top line	Original Ground
Bottom line	Excavation shots
Bottleneck canal	Excavation quantities





Project Name: Hydraulic Bottleneck



DATE: 4-23-20  
 DRAWN BY: J. HANSON  
 CHECKED BY: J. HANSON  
 SCALE: AS SHOWN  
 SHEET 1 OF 1

Project File Data		Coordinate System	
Name:	C:\Users\steve\Documents\Trimble Business Center\Hydraulic Bottleneck.vce	Name:	Default
Size:	290 KB	Zone:	Default
Modified:	4/10/2024 7:54:20 AM (UTC:-5)	Datum:	WGS 1984
Time zone:	Central Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

### Earthwork Volume Report

#### Unclassified surface compared to Unclassified surface

Surfaces	
West side canal and top	Classification: Unclassified
CANAL EXC MODEL WEST SIDE	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	535.0 yd <sup>3</sup>
Fill material	1.6 yd <sup>3</sup>
Excess	533.4 yd <sup>3</sup>

Bank Areas Based on Surface Geometry Alone	
Cut area	3,019.3 ft <sup>2</sup>
Fill area	190.2 ft <sup>2</sup>
Zero volume area	0.0 ft <sup>2</sup>
Total	3,209.5 ft <sup>2</sup>

Depth summary	
Maximum depth of cut material	11.168 ft
Maximum depth of fill material	0.585 ft

Note: 'Cut Material' is defined as material where [CANAL EXC MODEL WEST SIDE] is lower than [West side canal and top]. 'Fill Material' is defined as the volume of material where [CANAL EXC MODEL WEST SIDE] is higher than [West side canal and top].



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

<b>Reported volumes are limited to those that lie within the constraining boundary.</b>	
Boundary name:	West side excavation
Area within boundary:	3,212.6 ft <sup>2</sup> (0.07375 AC)
Total triangulated area:	3,209.5 ft <sup>2</sup> (0.07368 AC)

Date: 4/10/2024 8:56:43 AM	Project: C:\Users\steve\Documents\Trimble Business Center\Hydraulic Bottleneck.vce	Trimble Business Center
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