

**Modification/Change Order No.1**  
 PO #: 215963  
 Fort Bend County Drainage District  
 Flat Bank/ Steep Bank Channel Bank Stabilization.  
 Fort Bend County, Texas  
 October 27, 2022

|   |  |   |             |
|---|--|---|-------------|
| <b>CHANGE ORDER/MODIFICATION NO. 1</b>  |  | Effective Date:   | Page 1 of 2 |
| Contract: PO 215963   | Dated: 9/19/2022   | Project: EWP – Flat Bank/ Steep Bank Channel Bank Stabilization |             |
| Issued By (Contracting Local Organization):<br>Fort Bend County   |  | Issued To (Contractor):<br>RES Gulf Coast LLC                   |             |
| TYPE OF MODIFICATION ( <i>check appropriate box below</i> )   |  |   |             |
| <input checked="" type="checkbox"/>   | CHANGE ORDER: Issued pursuant to Article 14.4 the changes set forth below are made by this modification. |   |             |
| Contract Price  | \$ 2,875,878.00  | PERFORMANCE TIME: 42 Calendar days                              |             |
| Net Increase in Contract Price:   | \$ 266,066.00  |   |             |
| REVISED Contract Price:   | \$3,141,944.00   |   |             |
| ATTACHMENTS ( <i>If none, so state.</i> ):  |  |   |             |
| This modification is hereby made a part of the contract. Except as provided herein, all terms and conditions of the original contract (as revised) remain unchanged and in full force and effect.   |  |   |             |
| CONTRACTOR'S RELEASE OF CLAIMS  |  |   |             |
| In consideration of the modification agreed to herein as complete equitable adjustment for the Contractors proposal, dated 10-27-22, the Contractor hereby releases Fort Bend County from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances concerning the added work for the above added work, including all impacts to the work, overhead and profit. |  |   |             |
| Recommended By:(print or type name/title of signer)   |  |   |             |
| Thomas P. Beach, PE<br>M&E Consultants<br><i>Thomas P Beach</i>   |  |   |             |
| <b>Important Note:</b> Contractor IS required to sign this document and return two (2) copies to the issuing office.  |  |   |             |
| CONTRACTOR (print or type name/title of signer)   |  | Sponsors/Contracting Local Organization                         |             |
| <i>Shawn Schmitt / Director, Operations + Construction</i>  |  | Adam Wright<br>Fort Bend County Drainage District               |             |
| SIGNATURE (person authorized to sign)   | DATE   | SIGNATURE (County Judge)  | DATE        |
| <i>Shawn Schmitt</i>  | <i>10/28/22</i>  |   |             |

**FB Flat Steep Bank Site 20 and Existing Rock Slough at Site 19 - Proposed Change Order/Modification**

**This proposed change order 01 will cover the following. We are requesting 42 days be added.**

- |  |
|--|
| 1) Extend the riprap quantity at site 14 to add additional riprap under the pipeline and transition from repair area to existing slope at the pipeline. We assumed 100 tons for reasons of this change order, we propose to use the current riprap unit rate of \$131/ton. |
| 2) Addition of new site 20, extension of existing unit rate items and the addition of lump sum items - pollution control, surveying, and quality control.  |
| 3) Rock repair upstream site 19. Remove existing riprap, salvage and replace.  |
| 4) Extend the Geotextile quantity to 7900 SY using existing unit pricing.  |

**1) Riprap transtion at Pipeline (2 Days)**

Riprap

| Quantity        | Units | Unit Price | Extension           |
|-----------------|-------|------------|---------------------|
| 100             | tons  | \$ 131.00  | \$ 13,100.00        |
| <b>Subtotal</b> |       |            | <b>\$ 13,100.00</b> |

**2) Quantities for site 20 (new site-34 days)**

Excavation  
 Earthfill  
 Rock Riprap  
 Geotextile  
 Pollution Control  
 Sediment Filters  
 Construction Surveys  
 Contractors Quality Control  
 Vegetation

| Quantity        | Units | Unit Price   | Extension            |
|-----------------|-------|--------------|----------------------|
| 2142            | CY    | \$ 10.50     | \$ 22,491.00         |
| 1620            | CY    | \$ 22.00     | \$ 35,640.00         |
| 725             | Tons  | \$ 131.00    | \$ 94,975.00         |
| 545             | SY    | \$ 3.60      | \$ 1,962.00          |
| 1               | LS    | \$ 5,000.00  | \$ 5,000.00          |
| 200             | LF    | \$ 3.80      | \$ 760.00            |
| 1               | LS    | \$ 6,000.00  | \$ 6,000.00          |
| 1               | LS    | \$ 23,750.00 | \$ 23,750.00         |
| 4.1             | AC    | \$ 2,400.00  | \$ 9,840.00          |
| <b>Subtotal</b> |       |              | <b>\$ 200,418.00</b> |

**3) Quantities for upstream Site 19 Rock Repair (5 Days)**

Rock Riprap Remove, salvage and replace  
 Site preparation - Class C

| Quantity        | Units | Unit Price   | Extension           |
|-----------------|-------|--------------|---------------------|
| 850             | Tons  | \$ 30.00     | \$ 25,500.00        |
| 1               | LS    | \$ 10,200.00 | \$ 10,200.00        |
| <b>Subtotal</b> |       |              | <b>\$ 35,700.00</b> |

**4) Extend Geotextile quantity (1 Day)**

Geotextile increase quantity

| Quantity        | Units | Unit Price | Extension           |
|-----------------|-------|------------|---------------------|
| 4680            | SY    | \$ 3.60    | \$ 16,848.00        |
| <b>Subtotal</b> |       |            | <b>\$ 16,848.00</b> |

|                    |                      |
|--------------------|----------------------|
| <b>Grand Total</b> | <b>\$ 266,066.00</b> |
|--------------------|----------------------|

Modification/Change Order No.1  
 Fort Bend County Drainage District  
 Fort Bend County, Texas, Flat Bank/ Steep Bank Channel Slope Repair  
 Contract No: PO 215963

DESCRIPTION OF MODIFICATION/CHANGE ORDER

Pursuant to General Condition, Article 14.4, the contract shall be modified as following.

Site 20 shall be added as shown on the attached drawing, Site 19 shall be extended to include the work shown on the attached drawing. All added work shall be accomplished as specified in the contract’s applicable construction and material specification.

The geotextile quantity shall be extended by 4680 square yards due to an error on the bid schedule. The geotextile shall be furnished and install as specified in Construction Specification 95.

The transition section under the Overhead pipeline crossing at approximate channel Station 134+00 to 134+60 shall be protected by installing rock riprap as allowed by the pipeline owner. The rock riprap shall be installed as per Construction Specification 61.

Compensation shall be in accordance with the applicable added items below and measurement shall be in accordance with the contract specified methods. Contractor Quality Control shall be accomplished in accordance with Construction Specification 94 for the added work.

Changes to the Bid Schedule:

Item

| No. | Work or Material   | Units       | Price       | Amount         |
|-----|--|-------------|-------------|----------------|
| 1   | Pollution Control<br>(Increase from \$25,000.00 to \$30,000.00, increase of \$5,000.00)                  | LS          | \$30,000.00 | \$30,000.00    |
| 2   | Silt Fence<br>(Increase in LF to 3200 LF, from 3000 LF, increase cost \$760.00)                          | 3200 LF     | \$3.80      | \$12,160.00    |
| 3   | Construction Surveys<br>(Increase from \$32,000.00 to \$38,000.00, increase of \$6,000.00)               | LS          | \$38,000.00 | \$38,000.00    |
| 6   | Excavation, Common<br>(Increase in CY of 2142 CY to 27760 CY, from 25618 CY, increase cost \$22,419.00)  | 27,760 CY   | \$10.50     | \$291,480.00   |
| 7   | Earthfill<br>(Increase in CY of 1620 CY to 22,119 CY, from 20499 CY, increase cost \$35,640.00)          | 22,119 CY   | \$22.00     | \$486,618.00   |
| 8   | Rock Riprap<br>(Increase in tons of 825 tons to 13224 tons, from 12349 tons, increase cost \$108,075.00) | 13,224 Tons | \$131.00    | \$1,732,344.00 |

|    |   |         |              |              |
|----|---|---------|--------------|--------------|
| 9  | Contractor Quality Control  | LS      | \$166,250.00 | \$166,250.00 |
|    | (Increase from \$142,500.00 to \$166,250.00, increase of \$23,750.00)                       |         |              |              |
| 10 | Geotextile  | 8445 SY | \$3.60       | \$30,402.00  |
|    | (Increase in SY of 545 SY plus 4680 SY to 8445 SY, from 3220 SY, increase cost \$18,810.00) |         |              |              |
| 11 | Vegetation, Sprigging   | 29.1 AC | \$2,400.00   | \$69,840.00  |
|    | (Increase in Acres of 4.1 Ac to 29.1 Ac, from 25 Ac, increase cost \$9,840.00)              |         |              |              |

Changes to the Bid Schedule:

**Add**

Item

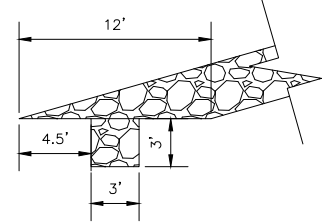
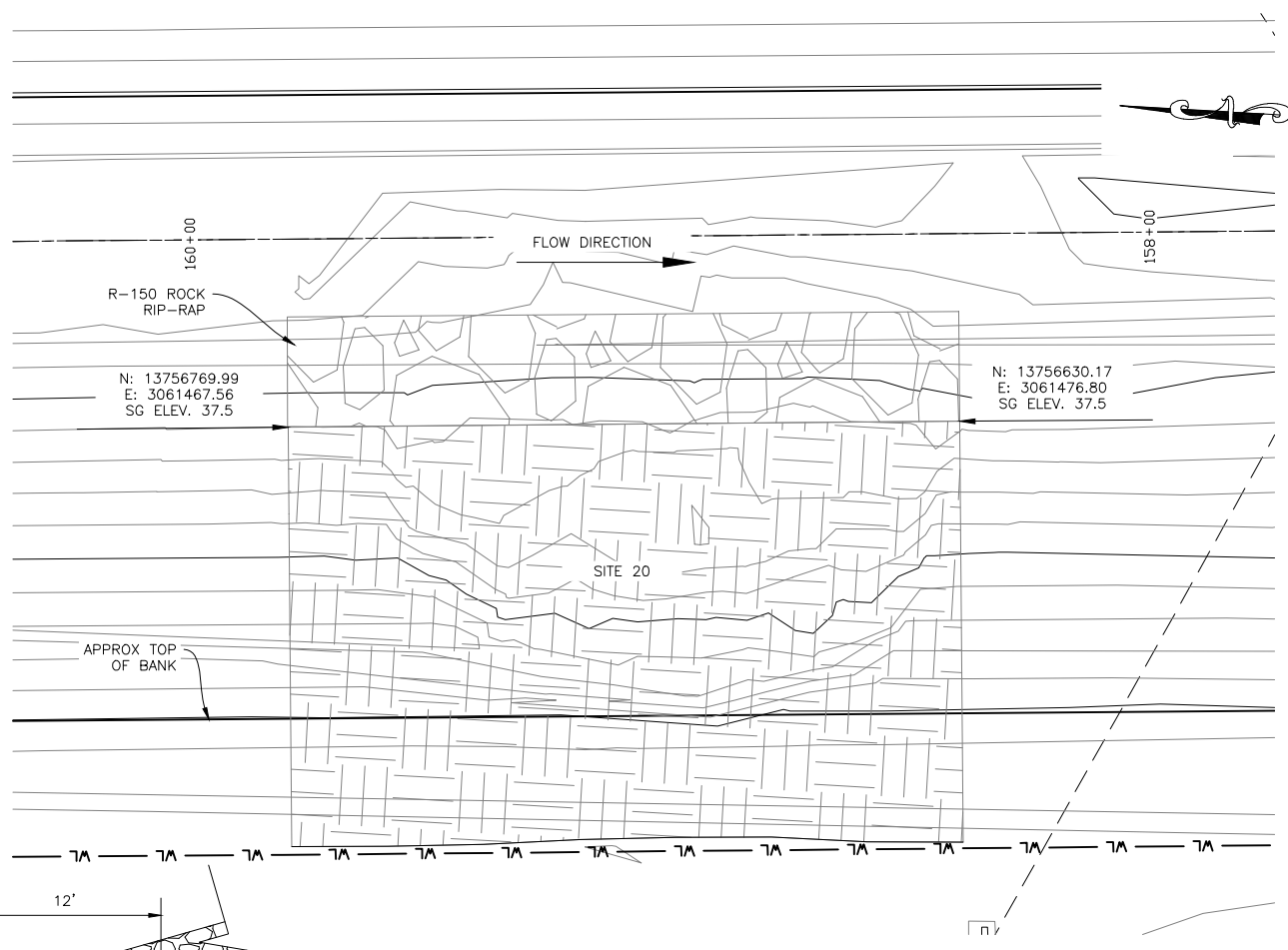
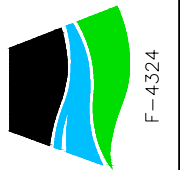
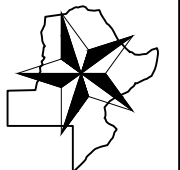
| No. | Work or Material                              | Units | Price             | Amount      |
|-----|---|-------|-------------------|-------------|
| 15  | Site Preparation Site 19<br>Extension Class C | 1     | LS<br>\$35,700.00 | \$35,700.00 |

Contract price increase - \$ 266,066.00

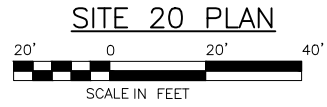
Contract Performance time: - add 42 days

CONTRACTOR'S STATEMENT OF RELEASE

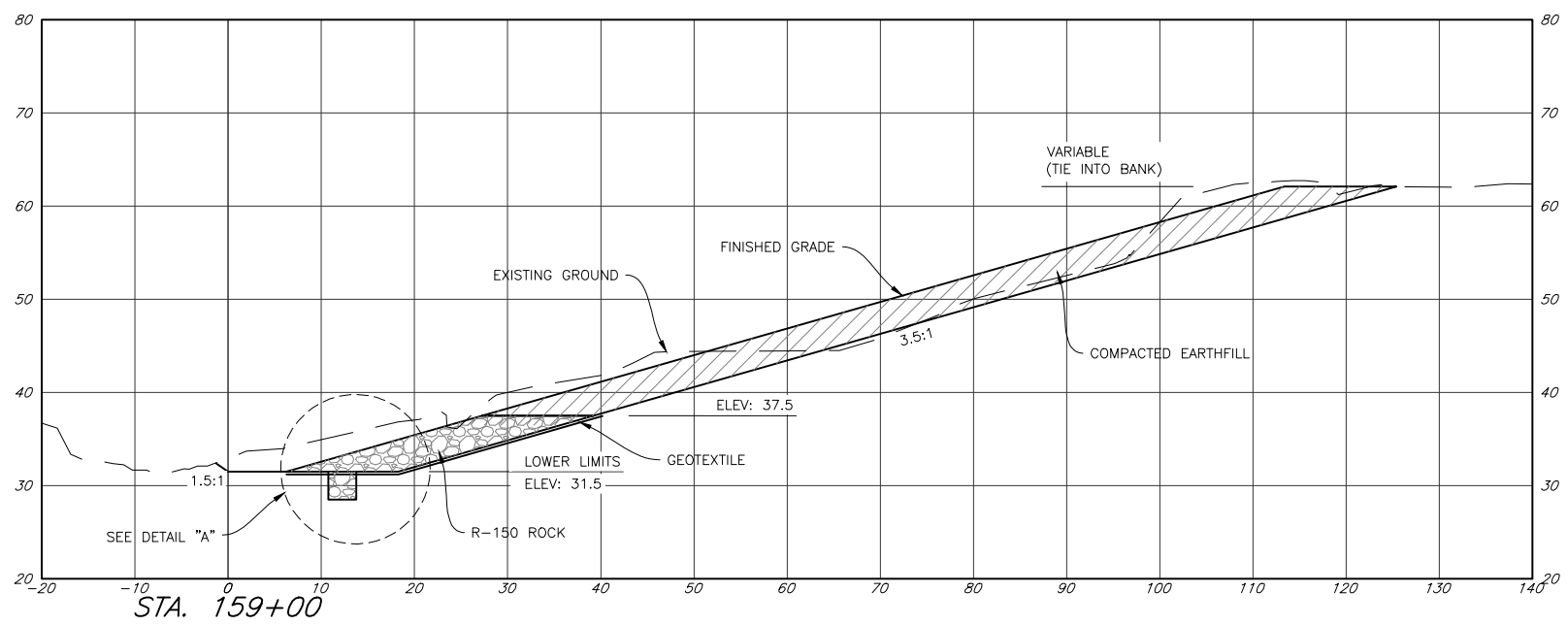
In consideration of the modification agreed to herein as complete equitable adjustment for the Contractors proposal, dated 10-27-2022, the Contractor hereby releases Fort Bend County from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances concerning the added work for the above added work, including all impacts to the work, overhead and profit.



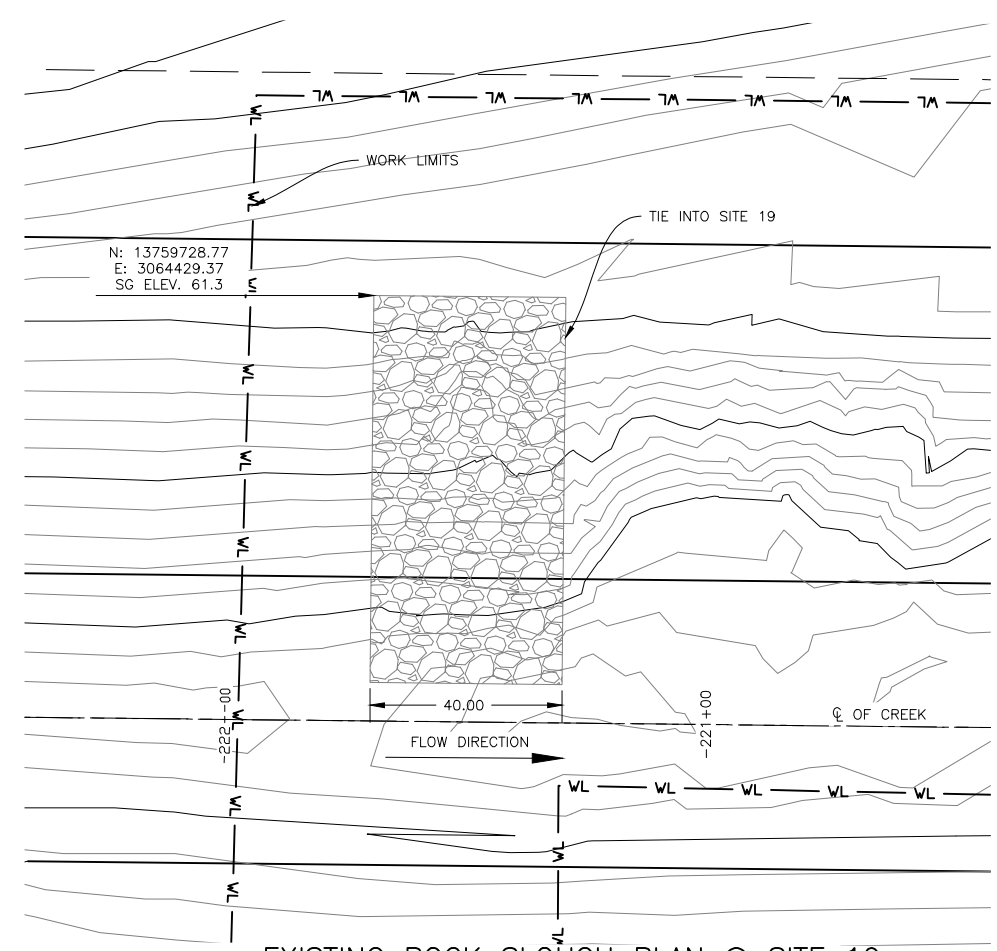
DETAIL "A"  
 N.T.S.



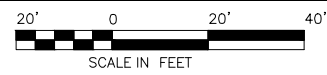
A 25 FEET TRANSITION AREA FOR THE EXCAVATION AND FINISHED GRADE SHALL BE ADDED AT EACH END OF THE REPAIR AREA SHOWN TO TRANSITION TO THE EXISTING CHANNEL CONFIGURATION.



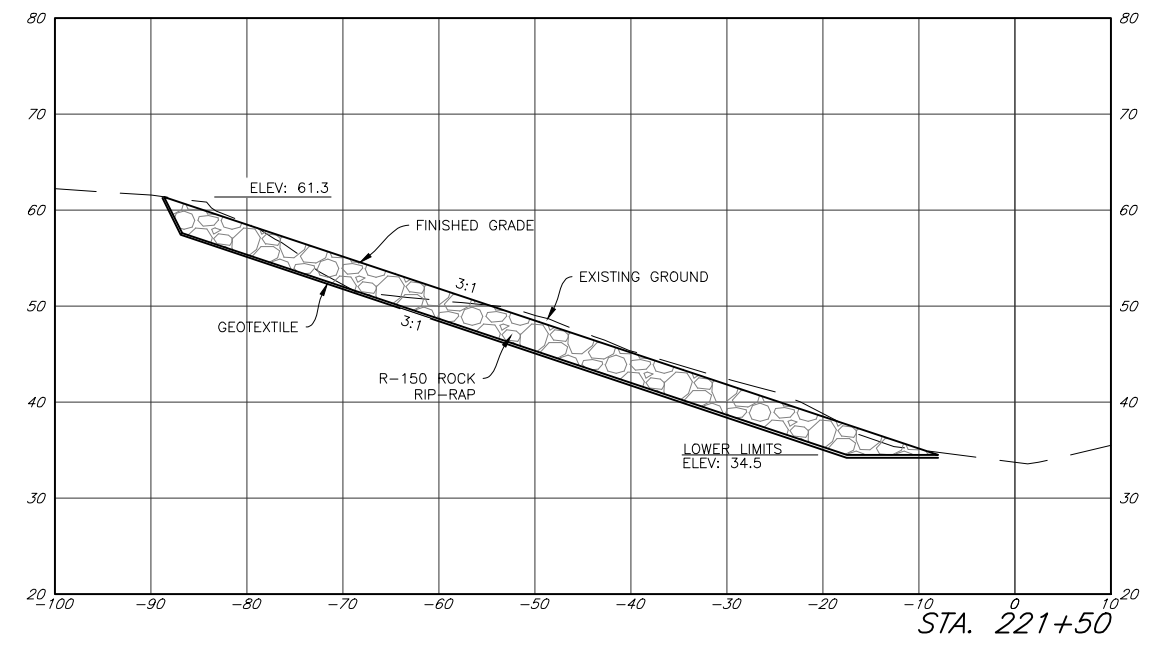
SECTION VIEW



EXISTING ROCK SLOUGH PLAN @ SITE 19



NOTE:  
 THE WORK INCLUDES REMOVING AND SALVAGING THE EXISTING ROCK, PREPARING THE SUBGRADE AND PLACING THE SALVAGED ROCK ON THE PREPARED SUBGRADE. THE SUBGRADE SHALL BE PREPARED BY REMOVING LOW DENSITY MATERIAL AND REPLACING WITH COMPACTED EARTHFILL TO A 3:1 SLOPE. THE SUBGRADE SHALL BE APPROVED BY THE ENGINEER BEFORE PLACEMENT OF THE ROCK.



SECTION VIEW

| REVISIONS |          |       |
|-----------|----------|-------|
| DATE      | APPROVED | TITLE |
|           |          |       |
|           |          |       |