

WORK CHANGE DIRECTIVE NO.: 1

Owner: Town of Erie
 Engineer: HDR Engineer, Inc.
 Contractor: Geo-Solutions, Inc.
 Project: Erie Lake Dam Seepage Rehabilitation
 Contract Name: N/A

Owner's Project No.: P22-91
 Engineer's Project No.: 10405834
 Contractor's Project No.: N/A

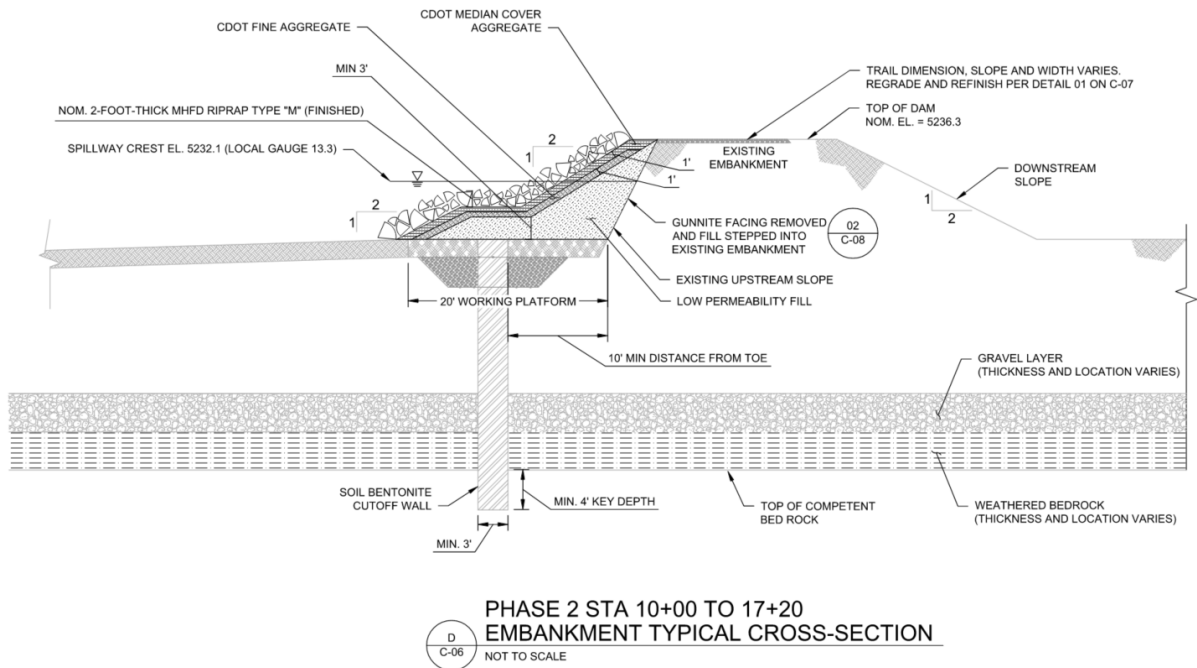
Date Issued: April 8, 2026

Effective Date of Work Change Directive: April 13, 2026

Contractor is directed to proceed promptly with the following change(s):

Description:

Contractor to provide cost and construct riprap bedding as shown on Cross-Section D on Sheet C-08 of construction drawings sealed March 25, 2026 and identified in 31 23 00, 2.1.B. and C. (screen captures below). This requires a contract amendment due to Bid Items 8 and 9 changing. Geotextile (Bid Item 8) is no longer included in design so new quantity is 0 cubic yards. Bid Item 9 is now two layers of aggregate that are each 1-foot thick instead of previous riprap bedding being 6-inches thick. Engineer's estimate of quantity is 1,285 cubic yards of each aggregate for a total of 2,570 cubic yards but contractor to perform own estimate. Payment still to be on installed cubic yard basis as described in 01 22 00, 1.5.J.



2.1 MATERIALS

B. Modified Fine Aggregate

1. Shall meet a modified gradation of "Fine Aggregate" as specified in Table 703-1 and Section 703.00 of the CDOT "Standard Specifications for Road and Bridge Construction" and shown below:

Sieve Size	Size (mm)	Modified Percent Passing	CDOT 703.00 (Table 703-1) Percent Passing
3/8"	9.5	100	100
No. 4	4.75	95-100	95-100
No. 8	2.36	80-95	80-100
No. 16	1.18	55-80	50-85
No. 30	0.6	35-55	25-60
No. 50	0.3	15-30	10-30
No. 100	0.15	2-10	2-10

C. Modified Median Cover Aggregate

1. Shall meet a modified gradation of "Median Cover Aggregate" as specified in Table 703-15 and Section 703.10 of the CDOT "Standard Specifications for Road and Bridge Construction" and shown below:

Sieve Size	Size (mm)	Modified Percent Passing	CDOT 703.10 (Table 703-15) Percent Passing
4 inch	101.6	100	
2.5 inch	63.5	95-100	100
2 inch	50.8		95-100
No. 4	4.75	0-15	0-15

2. The percentage of wear, when tested per AASHTO T96, shall not be more than 70.

Attachments:

None, contract documents presented herein and previously sent to contractor.

Purpose for the Work Change Directive:

Riprap bedding has changed since Issued for Review/Bid drawings sent to contractor in December during procurement phase of project.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

- Non-agreement on pricing of proposed change. Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ 311,776 _____ increase.

Contract Time: 6 days **(increase)** [decrease] [not yet estimated].

Basis of estimated change in Contract Price: **See tables on Page 3 and 4**

- Lump Sum Unit Price Cost of the Work Other

Recommended by Engineer

Authorized by Owner

By: Caleb Stock

Bruce Chameroy

Title: Design Engineer

Water & Wastewater Division Manager

Date: April 13, 2026

June 3, 2026

Original Unit Pricing

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1	Mobilization and Demobilization	LS	1	\$ 221,300.00	\$ 221,300.00
2	Removal of Trees	EA	3	\$ 15,925.00	\$ 47,775.00
3a	Removal of Riprap	CY	1,350	\$ 59.60	\$ 80,460.00
3b	Salvage of Riprap	CY	400	\$ 55.60	\$ 22,240.00
4	Removal of Gunnite Facing	SFT	5,900	\$ 16.00	\$ 94,400.00
5a	Low Permeability Fill (Borrow)	CY	4,560	\$ 41.10	\$ 187,416.00
5b	Low Permeability Fill (Import)	CY	1,000	\$ 51.80	\$ 51,800.00
6	Soil-Bentonite Cutoff Wall	SFT	61,240	\$ 8.60	\$ 526,664.00
7	Regrading Embankment Crest	LF	1,900	\$ 25.50	\$ 48,450.00
8	Geotextile	SY	2,800	\$ 25.90	\$ 72,520.00
9	Stabilization Material/Filter Material/Bedding Sand	CY	470	\$ 253.00	\$ 118,910.00
10	12-Inch Riprap	CY	1,400		
11	Crusher Fines for Unpaved Paths Restoration and Crest Grading	CY	180	\$ 97.20	\$ 17,496.00
12	Reseeding	Acre	1	\$ 24,450.00	\$ 24,450.00
10a	Purchase New 12-inch Riprap	CY	1,000	\$ 109.30	\$ 109,300.00
10b	Install Riprap (New and Salvaged)	CY	1,400	\$ 170.60	\$ 238,840.00
Total of All Unit Price Bid Items					\$ 1,862,021.00

Revised Unit Pricing

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1	Mobilization and Demobilization	LS	1	\$ 221,300.00	\$ 221,300.00
2	Removal of Trees	EA	3	\$ 15,925.00	\$ 47,775.00
3a	Removal of Riprap	CY	1,350	\$ 59.60	\$ 80,460.00
3b	Salvage of Riprap	CY	400	\$ 55.60	\$ 22,240.00
4	Removal of Gunnite Facing	SFT	5,900	\$ 16.00	\$ 94,400.00
5a	Low Permeability Fill (Borrow)	CY	4,560	\$ 41.10	\$ 187,416.00
5b	Low Permeability Fill (Import)	CY	1,000	\$ 51.80	\$ 51,800.00
6	Soil-Bentonite Cutoff Wall	SFT	61,240	\$ 8.60	\$ 526,664.00
7	Regrading Embankment Crest	LF	1,900	\$ 25.50	\$ 48,450.00
8	Geotextile	SY	0	\$ 0.00	\$ 0.00
9a	Bedding Sand	CY	1,285	\$ 171.60	\$ 220,506.00
9b	Bedding Median Cover	CY	1,285	\$ 220.00	\$ 282,700.00
11	Crusher Fines for Unpaved Paths Restoration and Crest Grading	CY	180	\$ 97.20	\$ 17,496.00
12	Reseeding	Acre	1	\$ 24,450.00	\$ 24,450.00
10a	Purchase New 12-inch Riprap	CY	1,000	\$ 109.30	\$ 109,300.00
10b	Install Riprap (New and Salvaged)	CY	1,400	\$ 170.60	\$ 238,840.00
Total of All Unit Price Bid Items					\$ 2,173,797.00